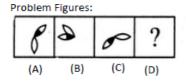
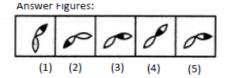


**DIRECTIONS** *for the question:* In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

#### Question No.: 1



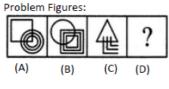


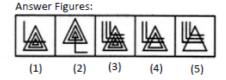
A) 1 B) 2 \(\sqrt{C}\) 3 D) 4

**Explanation:-** The half-shaded leaf rotates 135° ACW and the unshaded leaf rotates 135° CW and the shaded portion of the half shaded leave is from the point where two leaves meet. Hence option C is the answer.

**DIRECTIONS** *for the question:* In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

#### Question No.: 2



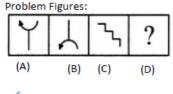


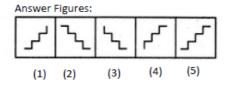
√A) 1 B) 2 C) 3 D) 4

**Explanation:-** The upper element is converted to an element similar to the lower elements and each one of the lower elements is converted to an element similar to the upper element. Hence option A is the answer.

**DIRECTIONS** *for the question:* In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

#### Question No.: 3



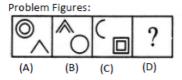


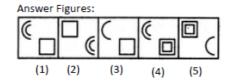
√A) 1 B) 2 C) 3 D) 4

**Explanation:-** The figure gets vertically inverted. Hence option A is the answer.

**DIRECTIONS** *for the question:* In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

#### Question No.: 4





# <u>hitbullseye</u>

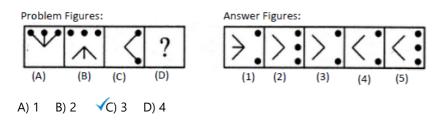
# **Actual MH-CET 2015**

A) 1 ✓B) 2 C) 3 D) 4

**Explanation:-** Each one of the upper elements is replaced by an element similar to the lower element(s) and each one of the lower elements is replaced by an element similar to the upper element(s). Hence option B is the answer.

**DIRECTIONS** *for the question:* In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

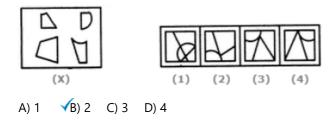
#### **Question No.: 5**



**Explanation:-** Except for the dots, the remaining part of the figure rotates through 180° and shifts to the opposite side of the square boundary. Hence option C is the answer.

**DIRECTIONS** for the question: Which of the given options can be made, by combining all the parts given in the question?

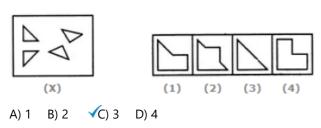
#### Question No.: 6



**Explanation:-** After careful analysis we can see that all parts of problem figures are embedded in option 2. Hence option 2 is the answer.

**DIRECTIONS** for the question: Which of the given options can be made, by combining all the parts given in the question?

#### Question No.: 7

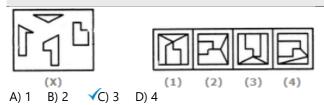


**Explanation:-** After careful analysis we can see that among the four answer figures, figure 3 can be formed from the cut-pieces given in the question figure.. Hence option 3 is the answer.

**DIRECTIONS** for the question: Which of the given options can be made, by combining all the parts given in the question?

Question No.: 8

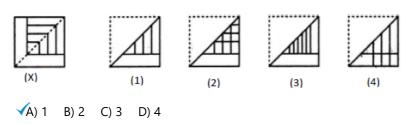




**Explanation:-** After careful analysis we can see that all parts in question figures are embedded in option 3. Hence option 3 is the answer.

**DIRECTIONS** *for the question:* Find out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.

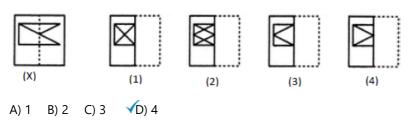
Question No.: 9



**Explanation:-** when the transparent sheet is folded at the dotted line it will appear as option 1. Hence option 1 is the answer.

**DIRECTIONS** *for the question:* Find out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.

Question No.: 10



#### **Explanation:-**

By visual observation, option 4 would appear when the transparent sheet is folded at the dotted lines

**DIRECTION** for the question: Read the information given and answer the question that follows.

#### Question No.: 11

Mark the strong argument /arguments for the given statement.

Statement: Should India become a permanent member of UN's Security Council?

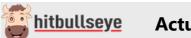
#### Arguments:

I Yes. India has emerged as a country which loves peace and amity.

Il No. Let us first solve problems of our own people like poverty, malnutrition.

✓A) Only argument I is strong B) Only argument II is strong C) Either I or II is strong D) Neither I nor II is strong

**Explanation:** A peace-loving nation like India can well join an international forum which seeks to bring different nations on



friendly terms with each other. So, argument I holds strong. Argument II highlights a different aspect. The internal problems of a nation should not debar it from strengthening international ties. So, argument II is vague.

**DIRECTION** for the question: Read the information given and answer the question that follows.

Question No.: 12

Mark the strong argument /arguments for the given statement.

Statement: Should an organization like UNO be dissolved?

## Arguments:

I Yes. With cold war coming to an end, such organizations have no role to play.

II No, In the absence of such organizations there may be a world war.

A) Only argument I is strong VB) Only argument II is strong C) Either I or II is strong D) Neither I nor II is strong

**Explanation:-** An organization like UNO is meant to maintain peace all over and will always serve to prevent conflicts between countries. So, its role never ends. So, argument I does not hold. Also, lack of such an organization may in future lead to increased mutual conflicts and international wars, on account of lack of a common platform for mutual discussions. So, argument II holds.

**DIRECTIONS** *for the question:* In the question a statement is given followed by two arguments numbered I and II. Mark the answer as:

**Question No.: 13** 

Statement: Should fashionable dresses be banned?

#### **Arguments:**

- I. Yes. Fashion keeps changing and hence consumption of cloth increases.
- II. No. Fashionable clothes are a person's self expression and therefore his/her fundamental right.

A) Only argument I is strong VB) Only argument II is strong C) Either I or II is strong D) Neither I nor II is strong

**Explanation:-** Clearly, imposing ban on fashionable dresses will be a restriction on the personal choice and hence a restriction on the right to freedom of an individual. So, only argument II is strong.



**DIRECTION** for the question: Read the information given and answer the question that follows.

Question No.: 14

Mark the strong argument for the given statement.

Should people with educational qualification higher than the optimum requirements be debarred from seeking jobs?

#### Arguments:

- A) No. It will further aggravate the problem of educated unemployment.
- B) Yes. It creates complexes among employees and affects the work adversely.
- √C) No. This goes against the basic rights of the individuals. D) Yes. This will increase productivity.

**Explanation:-** The issue discussed in the statement is nowhere related to increase in unemployment, as the number of vacancies filled in will remain the same. Also, in a working place, it is the performance of the individual that matters and that makes him more or less wanted, and not his educational qualifications. So, neither I nor II holds strong. Besides, the needs of a job are laid down in the desired qualifications for the job. So, recruitment of more qualified people cannot augment productivity. Thus, IV also does not hold strong. However, it is the right of an individual to get the post for which he fulfils the eligibility criteria, whatever be his extra merits. Hence, argument III holds strong.

**DIRECTION** for the question: Read the information given and answer the question that follows.

Question No.: 15

Which of the following is the valid arguement?

Should education be made compulsory for all children up to the age of 14?

#### Arguments:

- A) Yes. This will help to eradicate the system of forced employment of these children.
- ✓B) Yes. This is an effective way to make the entire population educated.
- C) No. We do not have adequate infrastructure to educate the entire population.
- D) Yes. This would increase the standard of living.

**Explanation:-** Clearly, today's children are to make up future citizens of the country and so it is absolutely essential to make them learned, more responsible, more innovative and self-dependent by imparting them education. So, argument II holds strong while I and IV do not. Besides, the goal of literacy cannot be denied for want of infrastructure. So, argument III also does not hold.

**DIRECTIONS** for the question: Study the following Graph & table given below and answer the question that follows.

Question No.: 16

#### Percentage of Marks Obtained by Various Students in Various Subjects in an Examination

|          | Marks                      |                          |                            |                           |                          |                          |
|----------|----------------------------|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|
| Students | English<br>(out of<br>100) | Hindi<br>(out of<br>100) | Science<br>(out of<br>150) | History<br>(out of<br>60) | Maths<br>(out of<br>150) | Geography<br>(out of 40) |
| Α        | 68                         | 75                       | 82                         | 60                        | 96                       | 55                       |
| В        | 88                         | 73                       | 85                         | 65                        | 88                       | 65                       |
| С        | 75                         | 56                       | 72                         | 75                        | 75                       | 80                       |
| D        | 70                         | 66                       | 80                         | 80                        | 72                       | 62                       |
| E        | 72                         | 60                       | 68                         | 74                        | 68                       | 75                       |
| F        | 85                         | 70                       | 90                         | 70                        | 74                       | 70                       |



What is the overall approximate percentage obtained by C in the examination?

A) 78 B) 69 C) 75 \( \sqrt{D} \) 71

**Explanation:-** Total marks obtained by C in the examination = 75% of 100 + 56% of 100 + 72% of 150 + 75% of 60 + 75% of 150 + 80% of 40 = 75+56+108+45+112.5+32 = 428.5Required percentage =  $(428.5/600) \times 100 \approx 71\%$ 

**DIRECTIONS** *for the question:* Study the following Graph & table given below and answer the question that follows.

Question No. : 17

Percentage of Marks Obtained by Various Students in Various Subjects in an Examination

|          | Marks                      |                          |                            |                           |                          |                          |
|----------|----------------------------|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|
| Students | English<br>(out of<br>100) | Hindi<br>(out of<br>100) | Science<br>(out of<br>150) | History<br>(out of<br>60) | Maths<br>(out of<br>150) | Geography<br>(out of 40) |
| Α        | 68                         | 75                       | 82                         | 60                        | 96                       | 55                       |
| В        | 88                         | 73                       | 85                         | 65                        | 88                       | 65                       |
| С        | 75                         | 56                       | 72                         | 75                        | 75                       | 80                       |
| D        | 70                         | 66                       | 80                         | 80                        | 72                       | 62                       |
| E        | 72                         | 60                       | 68                         | 74                        | 68                       | 75                       |
| F        | 85                         | 70                       | 90                         | 70                        | 74                       | 70                       |

What is the difference in the marks obtained by B in English and Maths and the marks obtained by F in the same subjects?

√A) 24 B) 17 C) 15 D) 28

**Explanation:-** Difference of marks obtained by B and F in English = 3% of 100 = 3 Difference of marks obtained by B and F in Maths = 14% of 150 = 21 Total difference = 21+3=24

**DIRECTIONS** for the question: Study the following Graph & table given below and answer the question that follows.

Question No.: 18

Percentage of Marks Obtained by Various Students in Various Subjects in an Examination

|          | Marks                      |                          |                            |                           |                          |                          |
|----------|----------------------------|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|
| Students | English<br>(out of<br>100) | Hindi<br>(out of<br>100) | Science<br>(out of<br>150) | History<br>(out of<br>60) | Maths<br>(out of<br>150) | Geography<br>(out of 40) |
| Α        | 68                         | 75                       | 82                         | 60                        | 96                       | 55                       |
| В        | 88                         | 73                       | 85                         | 65                        | 88                       | 65                       |
| С        | 75                         | 56                       | 72                         | 75                        | 75                       | 80                       |
| D        | 70                         | 66                       | 80                         | 80                        | 72                       | 62                       |
| Е        | 72                         | 60                       | 68                         | 74                        | 68                       | 75                       |
| F        | 85                         | 70                       | 90                         | 70                        | 74                       | 70                       |

The marks obtained by E in Geography are what percent of the marks obtained by E in Hindi?

A) 45 B) 55 \(\sqrt{C}\) 50 D) 60

**Explanation:-** Required percentage = (75% of 40/60% of 100) x 100 = 50%



**DIRECTIONS** for the question: Study the following Graph & table given below and answer the question that follows.

Question No.: 19

Percentage of Marks Obtained by Various Students in Various Subjects in an Examination

|          | Marks                      |                          |                            |                           |                          |                          |
|----------|----------------------------|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|
| Students | English<br>(out of<br>100) | Hindi<br>(out of<br>100) | Science<br>(out of<br>150) | History<br>(out of<br>60) | Maths<br>(out of<br>150) | Geography<br>(out of 40) |
| Α        | 68                         | 75                       | 82                         | 60                        | 96                       | 55                       |
| В        | 88                         | 73                       | 85                         | 65                        | 88                       | 65                       |
| С        | 75                         | 56                       | 72                         | 75                        | 75                       | 80                       |
| D        | 70                         | 66                       | 80                         | 80                        | 72                       | 62                       |
| E        | 72                         | 60                       | 68                         | 74                        | 68                       | 75                       |
| F        | 85                         | 70                       | 90                         | 70                        | 74                       | 70                       |

What is the overall percentage obtained by D in History and Geography Together?

**Explanation:-** Marks obtained by D in History= 80% of 60 = 48

Marks obtained by D in Geography= 62% of 40=24.8Required percentage =  $[(48+24.8)/100] \times 100 = 72.80\%$ 

**DIRECTIONS** *for the question:* Study the following Graph & table given below and answer the question that follows.

Question No.: 20

Percentage of Marks Obtained by Various Students in Various Subjects in an Examination

|          | Marks                      |                          |                            |                           |                          |                          |
|----------|----------------------------|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|
| Students | English<br>(out of<br>100) | Hindi<br>(out of<br>100) | Science<br>(out of<br>150) | History<br>(out of<br>60) | Maths<br>(out of<br>150) | Geography<br>(out of 40) |
| Α        | 68                         | 75                       | 82                         | 60                        | 96                       | 55                       |
| В        | 88                         | 73                       | 85                         | 65                        | 88                       | 65                       |
| С        | 75                         | 56                       | 72                         | 75                        | 75                       | 80                       |
| D        | 70                         | 66                       | 80                         | 80                        | 72                       | 62                       |
| E        | 72                         | 60                       | 68                         | 74                        | 68                       | 75                       |
| F        | 85                         | 70                       | 90                         | 70                        | 74                       | 70                       |

What are the average marks obtained by all the students together in Science?

A) 77.16 B) 120.50 C) 118 VD) None of these

**Explanation:-** Average marks obtained by all students in Science = 150% of  $(82+85+72+80+68+90)/6 = 3/2 \times 477/6 = 119.25$ 

**DIRECTIONS** for the question: Read the passage and answer the question based on it.

Question No.: 21

With Finance Commission recommendations, Centre-state relations set to undergo dramatic change Any big change requires big ideas, decisive leadership and happy coincidence of circumstances. Nothing illustrates this better than the unfolding story of cooperative federalism in India.

As chief minister of Gujarat, Narendra Modi had often argued that the central government implemented schemes were at odds

with the state's needs and priorities. For example, schemes that provided funds for electrification were at best of limited value to Gujarat since it had already achieved near 100% electrification.

This state could have spent the money provided for such a scheme more productively if allowed to use it for other purposes.

In advancing this view, Modi was joined by other chief ministers such as Vasundhara Raje of Rajasthan who argued that the vast numbers of central schemes further restricted their fiscal space because many of them required matching contributions by them from their otherwise untied funds. Once these matching funds were committed to access central schemes, states were left with very limited funds for even the most important expenditure items such as enforcement of law and order.

Nevertheless, this system has remained entrenched in one form or another in the last several decades on account of coincidence of three factors. First, outside of state leaders and a few economists and policy analysts, advocates of the view that true federalism means giving greater fiscal space to states and trusting them in setting their own priorities have been few and far between.

Second, the Finance Commission appointed once every five years plays a key role in the division of tax revenues between Centre and states. Consistent with the first point, successive Finance Commissions held untied funds to the states at or below 30% of the divisible tax pool. Only the 13th Finance Commission exceeded this mark, setting states' share at 32%.

Finally, successive central governments have chosen to transfer the bulk of the remaining funds to the states via central and centrally sponsored schemes. With nearly 8% growth over an entire decade, tax revenues have significantly expanded. Alongside, central and centrally sponsored schemes and the revenue resources they absorb have expanded dramatically as well. Two key factors have come together to dramatically alter this equilibrium. One, India now has a prime minister who was once a chief minister and strongly feels that cooperative federalism means greater fiscal and legislative space for states. And two, by a happy coincidence, the chairman and members of the 14th Finance Commission believe in genuine federalism themselves. Moreover, they have recognised the opportunity offered by a prime minister at the helm who truly believes in the power of states and their leaders. Accordingly, they have recommended that starting 2015-16, states be awarded 42% of the divisible pool of tax revenues. This is a gigantic and unprecedented 10% jump in devolution.

Predictably, the prime minister and his Cabinet have accepted this bold recommendation of the 14th Finance Commission.

What implications does this change have? For starters, with larger transfers coming as untied funds, states also have greater responsibility in discharging their duties. It is likely that they will now have to take greater responsibility in areas that have been hitherto covered by the Centre, especially those falling on the state list. States will also have to do this in ways that are more consistent with their priorities and not according to "one size fits all" schemes. By the same token, with a lower share in the divisible pool the Centre's fiscal space will shrink, requiring a rethink of central and centrally sponsored schemes.

One might ask where does Niti Aayog fit into this story? I am tempted to say that in replacing the Planning Commission by Niti Aayog, Prime Minister Modi may have anticipated the 14th Finance Commission. Under the previous regime, the Centre was often seen as "giver" and states as "recipients" thereby making the latter feel that they were less than equal partners. In replacing the Planning Commission by Niti Aayog, the prime

minister sought to change that equation and forge an equal relationship between the two sides. As such this change represents a step towards cooperative federalism.

We will have a more complete picture of the emerging Centre-state relations this Saturday when the finance minister presents the budget. But even with what we now know, one thing is clear: in the years to come, Niti Aayog will have to play a much greater role in the knowledge space. Greater fiscal freedom combined with greater legislative freedom in areas covered by the concurrent list of the Constitution means that states will need to play a more active role in designing their own programmes and policies.

As they do so, they will need to reach out to data, analysis and expert advice. The design of Niti Aayog as per the Cabinet Note of 1 January 2015 positions it well to provide these services. By the same token, those of us at Niti Aayog have to work hard in the months to come to build new strengths so that we do not disappoint the states that reach out to us for advice and assistance. We shall see.

As the Chief Minister of Gujarat, why did Narendra Modi argue that the Central Government implemented schemes that are at odds with the state government?

- A) Because the Central Government was not paying the equal amount of funds for all the states.
- B) Because, he being from the opposition, want to criticize the steps taken by the Central Govenrment and leave an impression on the general public mind that what a crook central government is.
- √C) Because Central Government doesn't take in the picture all the perspective while allocating the funds.
- D) Because he wanted more funds for filling his and his cabinet minister's pocket.

**Explanation:-** From lines "As chief minister of Gujarat, Narendra Modi ......... a scheme more productively if allowed to use it for other purposes."

it can be inferred that option 3 is correct.

**DIRECTIONS** for the question: Read the passage and answer the question based on it.

#### Question No.: 22

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This state could have spent the money provided for such a scheme more productively if allowed to use it for other purposes. In advancing this view, Modi was joined by other chief ministers such as Vasundhara Raje of Rajasthan who argued that the vast numbers of central schemes further restricted their fiscal space because many of them required matching contributions by them from their otherwise untied funds. Once these matching funds were committed to access central schemes, states were left

Nevertheless, this system has remained entrenched in one form or another in the last several decades on account of coincidence of three factors. First, outside of state leaders and a few economists and policy analysts, advocates of the view that true federalism means giving greater fiscal space to states and trusting them in setting their own priorities have been few and far between

with very limited funds for even the most important expenditure items such as enforcement of law and order.

Second, the Finance Commission appointed once every five years plays a key role in the division of tax revenues between Centre and states. Consistent with the first point, successive Finance Commissions held untied funds to the states at or below 30% of the divisible tax pool. Only the 13th Finance Commission exceeded this mark, setting states' share at 32%.

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Why did Vasundhara Raje decide to join the views of Narendra Modi?

- A) Being from the same party, she had no choice but to join hand in hand with her party leader.
- B) Vasundhra Raje and Narendra Modi had a hidden plan of going against any of the good initiatives taken by the Central Government.
- C) Vasundhra Raje was also facing the atrocities of Central Government and wanted to raise her voice with Narendra Modi.
- D)Vasundhra Raje, being a Chief Minister of a state of India, where central schemes restrict the fiscal space of the state government, feels that it is injustice on the part of Central Government.

#### **Explanation:-**

As it can be derived from lines "In advancing this view, Modi was joined by ......... the most important expenditure items such as enforcement of law and order." option 4 is correct.

**DIRECTIONS** for the question: Read the passage and answer the question based on it.

#### Question No.: 23

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As chief minister of Gujarat, Narendra Modi had often argued that the central government implemented schemes were at odds with the state's needs and priorities. For example, schemes that provided funds for electrification were at best of limited value to Gujarat since it had already achieved near 100% electrification.

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The writer referred the PM's view of cooperative federalism, what do you understand by cooperative federalism?

- A) It means a more prominent role for the Centre, than states.
- B) It means the competitiveness between the Centre and the state. C) It means more competitiveness among states
- √D) It means a sync in relation among the states and the centre.



**Explanation:-** As per the lines 'In replacing the Planning Commission by Niti Aayog, the prime minister sought to change that equation and forge an equal relationship between the two sides', it is clear that answer is option 4.

**DIRECTIONS** for the question: Read the passage and answer the question based on it.

#### Question No.: 24

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As chief minister of Gujarat, Narendra Modi had often argued that the central government implemented schemes were at odds with the state's needs and priorities. For example, schemes that provided funds for electrification were at best of limited value to Gujarat since it had already achieved near 100% electrification.

This state could have spent the money provided for such a scheme more productively if allowed to use it for other purposes.

In advancing this view, Modi was joined by other chief ministers such as Vasundhara Raje of Rajasthan who argued that the vast numbers of central schemes further restricted their fiscal space because many of them required matching contributions by them from their otherwise untied funds. Once these matching funds were committed to access central schemes, states were left with very limited funds for even the most important expenditure items such as enforcement of law and order.

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What did writer mean by "one size fits all" schemes?

A) NITI Ayog will makes schemes that would be equally beneficial for all.



- B) Previously, the schemes were more transparent and object oriented.
- C) Planning Commission were making schemes without considering the crucial scenario in the sates.
- D) Planning Commission was making more precise schemes, so as to address the actual needs of the states.

**Explanation:** As per the lines 'States will also have to do this in ways that are more consistent with their priorities and not according to "one size fits all" schemes. By the same token, with a lower share in the divisible pool the Centre's fiscal space will shrink, requiring a rethink of central and centrally sponsored schemes and first few lines of the second parargraph, it is clear that answer is option 3.

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#### Question No.: 25

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Why did the Government do a 10% increase in devolution?

A) To transfer the funds in the hands of state. B) Shed of the extra responsibility of the state sponsored schemes.

✓C) To make the states more self dependent. D) To increase the extent of authority on states.

**Explanation:-** As stated in lines "What implications does this change have? For starters, with larger transfers coming as untied funds, states also have greater responsibility in discharging their duties" option 3 is most suitable.

**DIRECTIONS** for the question: Read the passage and answer the question based on it.

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the months to come to build new strengths so that we do not disappoint the states that reach out to us for advice and assistance. We shall see.

What is the drastic change in the policy of NITI Ayog from that of the Planning Commission?

- A) Now states will have equal equation with the centre. B) States will have more financial freedom
- C) Centre has given the responsibility to states to draft every scheme. ✓D) Both a and b

**Explanation:**- After reading the passage, we can infer options A and B. Hence, option D is correct.

**DIRECTIONS** *for the question*: Choose the word/group of words which is **most similar** in the meaning to the word/group of words printed in **bold** as used in the passage

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Entrenched

A) disorganize B) unsettle  $\checkmark$ C) establish D) weaken

**Explanation:-** Entrenched means to establish firmly

**DIRECTIONS** *for the question*: Choose the word/group of words which is **most similar** in the meaning to the word/group of words printed in **bold** as used in the passage

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#### helm

√A) rein B) bottom C) last D) large

**Explanation:-** As per the lines 'Moreover, they have recognised the opportunity offered by a prime minister at the **helm** who truly believes in the power of states and their leaders', it is claer that 'helm' means control seat/ autority. Hence the answer is option 1.

**DIRECTIONS** *for the question*: Choose the word/group of words which is **most similar** in the meaning to the word/group of words printed in **bold** as used in the passage

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#### Hitherto

A) last  $\sqrt{B}$ ) until now C) since D) As far as

**Explanation:-** Hitherto means until now

**DIRECTIONS** *for the question*: Choose the word/group of words which is **most similar** in the meaning to the word/group of words printed in **bold** as used in the passage

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As chief minister of Gujarat, Narendra Modi had often argued that the central government implemented schemes were at odds with the state's needs and priorities. For example, schemes that provided funds for electrification were at best of limited value to Gujarat since it had already achieved near 100% electrification.

This state could have spent the money provided for such a scheme more productively if allowed to use it for other purposes.

In advancing this view, Modi was joined by other chief ministers such as Vasundhara Raje of Rajasthan who argued that the vast numbers of central schemes further restricted their fiscal space because many of them required matching contributions by them from their otherwise untied funds. Once these matching funds were committed to access central schemes, states were left with very limited funds for even the most important expenditure items such as enforcement of law and order.

Nevertheless, this system has remained entrenched in one form or another in the last several decades on account of coincidence of three factors. First, outside of state leaders and a few economists and policy analysts, advocates of the view that true federalism means giving greater fiscal space to states and trusting them in setting their own priorities have been few and far between.

Second, the Finance Commission appointed once every five years plays a key role in the division of tax revenues between Centre and states. Consistent with the first point, successive Finance Commissions held untied funds to the states at or below 30% of the divisible tax pool. Only the 13th Finance Commission exceeded this mark, setting states' share at 32%.

Finally, successive central governments have chosen to transfer the bulk of the remaining funds to the states via central and centrally sponsored schemes. With nearly 8% growth over an entire decade, tax revenues have significantly expanded. Alongside, central and centrally sponsored schemes and the revenue resources they absorb have expanded dramatically as well. Two key factors have come together to dramatically alter this equilibrium. One, India now has a prime minister who was once a chief minister and strongly feels that cooperative federalism means greater fiscal and legislative space for states. And two, by a happy coincidence, the chairman and members of the 14th Finance Commission believe in genuine federalism themselves. Moreover, they have recognised the opportunity offered by a prime minister at the helm who truly believes in the power of states and their leaders. Accordingly, they have recommended that starting 2015-16, states be awarded 42% of the divisible pool of tax revenues. This is a gigantic and unprecedented 10% jump in **devolution**.

Predictably, the prime minister and his Cabinet have accepted this bold recommendation of the 14th Finance Commission.

What implications does this change have? For starters, with larger transfers coming as untied funds, states also have greater responsibility in discharging their duties. It is likely that they will now have to take greater responsibility in areas that have been hitherto covered by the Centre, especially those falling on the state list. States will also have to do this in ways that are more consistent with their priorities and not according to "one size fits all" schemes. By the same token, with a lower share in the divisible pool the Centre's fiscal space will shrink, requiring a rethink of central and centrally sponsored schemes.

One might ask where does Niti Aayog fit into this story? I am tempted to say that in replacing the Planning Commission by Niti Aayog, Prime Minister Modi may have anticipated the 14th Finance Commission. Under the previous regime, the Centre was often seen as "giver" and states as "recipients" thereby making the latter feel that they were less than equal partners. In replacing the Planning Commission by Niti Aayog, the prime

minister sought to change that equation and forge an equal relationship between the two sides. As such this change represents a step towards cooperative federalism.

We will have a more complete picture of the emerging Centre-state relations this Saturday when the finance minister presents the budget. But even with what we now know, one thing is clear: in the years to come, Niti Aayog will have to play a much greater role in the knowledge space. Greater fiscal freedom combined with greater legislative freedom in areas covered by the concurrent list of the Constitution means that states will need to play a more active role in designing their own programmes



and policies.

As they do so, they will need to reach out to data, analysis and expert advice. The design of Niti Aayog as per the Cabinet Note of 1 January 2015 positions it well to provide these services. By the same token, those of us at Niti Aayog have to work hard in the months to come to build new strengths so that we do not disappoint the states that reach out to us for advice and assistance. We shall see

| assistance. We shall see.   |
|---|
| <b>Devolution</b> ✓A) dispersal of power B) control of power C) bound by power D) easing of power   |
| Explanation:- Devolution means transfer of power to a lower level which is synonym to dispersal   |
| <b>DIRECTIONS</b> for the question: Select the best option which completes the sentence (s) in the most meaningful manner                                   |
| Question No. : 31   |
| For a little one who isto go to bed sometimes a silly book isthe ticket.  |
| A) refusing, simple S) reluctant, just C) ready, totally D) hesitant, entirely  |
| <b>Explanation:-</b> The context says that 'a book' will act as a way to make the kid to go to bed if he is reluctant.                                      |
| <b>DIRECTIONS</b> for the question: Select the best option which completes the sentence (s) in the most meaningful manner                                   |
| Question No. : 32   |
| A group of lions was travellingthe woods when two of theminto a deep pit.   |
| A) across, jump B) in, dropped C) from, collapsed $\checkmark$ D) through, fell   |
| <b>Explanation:-</b> while passing 'through' the forest, two of them 'fell', which is used in case of an accident/ something which one is not aware of.     |
| <b>DIRECTIONS</b> for the question: Select the best option which completes the sentence (s) in the most meaningful manner                                   |
| Question No. : 33   |
| Once a little swan, whoin the city,a duck from the village to visit her.  |
| A) stayed, call B) existed, asked C) lived, invited D) led, requested   |
| <b>Explanation:-</b> One 'invites' someone to visit them. Also the options for first blank only 'lived' suits the best.                                     |
| <b>DIRECTIONS</b> for the question: Select the best option which completes the sentence (s) in the most meaningful manner                                   |
| Question No. : 34   |
| The little Red Hen was in the farmyard her chickens, when shea strange grain of wheat.  |
| ✓A) with, found B) along, laid C) middle, discovered D) by, see   |
| <b>Explanation:-</b> Option 2 is incorrect as with 'along' we use 'with' 'middle' in option 3 doesnot fit the context 'by' in option 4 doesnot fit context. |

DIRECTIONS for the question: Select the best option which completes the sentence (s) in the most meaningful manner

| Actual MH-CE1 2015   |
|--|
| Question No.: 35   |
| One day a rabbit was boasting how he could run.  A) over, speedy B) for, quickly C) of, instantly D) on, swiftly   |
| <b>Explanation:-</b> Correct idiomatic expression is 'boasting of'   |
| <b>DIRECTIONS</b> <i>for the question:</i> A sentence or a part of the sentence is underlined. Four alternatives are given as substitutions for the highlighted part, one of which will improve the sentence. Choose the correct alternative. In case no improvement is needed, choose the option "No improvement required".   |
| Question No.: 36   |
| I wish I had legs worthy of bearing such a noble crown: it is a pity they are so slim and slight.  |
| A) worth of bearing B) worth to bear C) worth of bear $\checkmark$ D) No correction required   |
| <b>Explanation:</b> - 'Worthy of is the correct idiomatic usage.   |
| <b>DIRECTIONS</b> <i>for the question:</i> Look at the underlined part of each sentence. Below each sentence are given three possible substitutions for underlined part. If one of them (A), (B) or (C) is better than the underlined part, indicate your response. If none of the substitutions improve the sentence, indicate (D) as your response which will signify a 'No improvement' response. |
| Question No.: 37   |
| A Peacock once placed a petition before the court desiring to have the voice of a nightingale <u>in addition</u> to his other attractions.   |
| A) adding up B) to add up C) on addition of $\checkmark$ D) No improvement   |
| <b>Explanation:-</b> in addition means as an extra thing and is the correct usage. adding up means to amount to  |
| 'on addition of and 'to add up' are contextually incorrect   |
| <b>DIRECTIONS</b> <i>for the question:</i> Look at the underlined part of each sentence. Below each sentence are given three possible substitutions for underlined part. If one of them (A), (B) or (C) is better than the underlined part, indicate your response. If none of the substitutions improve the sentence, indicate (D) as your response which will signify a 'No improvement' response. |
| Question No. : 38  |
| For a very long time the wolf <u>succeeded in</u> deceiving the sheep.   |
| A) had success for B) was successful for C) successful in √D) No improvement required  |
| <b>Explanation:-</b> we cannot use 'for' with 'decieving' as for is used to indicate the purpose with 'successful' we need 'was' Therefore the sentence is correct as it is  |
| <b>DIRECTIONS</b> <i>for the question:</i> A sentence or a part of the sentence is underlined. Four alternatives are given as substitutions for the highlighted part, one of which will improve the sentence. Choose the correct alternative.  |

Question No.: 39

A man once contended that he and his friends was stronger than lions by reason of their greater intelligence.

 $\checkmark$ A) were stronger than B) was strong as C) were stronger to D) are so strong as



**Explanation:-** 'He and his friends' together become plural therefore were to be used. Also 'than' will be used as we are making a comparison

**DIRECTIONS** *for the question:* A sentence or a part of the sentence is underlined. Four alternatives are given as substitutions for the highlighted part, one of which will improve the sentence. Choose the correct alternative. In case no improvement is needed, choose the option "No improvement required".

#### Question No.: 40

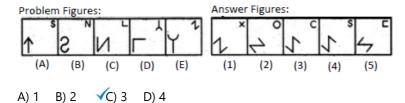
The ant go on way and continued to toil.

✓A) went on its way B) was going on its way C) went away D) go away

**Explanation:-** The sentence is in past tense hence 'went' should be used.

**DIRECTIONS** *for the question:* In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

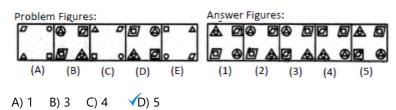
#### Question No.: 41



**Explanation:-** In each step, element at the upper-right position gets enlarged, inverts vertically and reaches the lower-left corner; the existing element at the lower-left position, is lost and a new small element appears at the upper-right position. Out of the options Z is inverted in option 3 and 4 at desired place but new element is added in option 3 hence the answer.

**DIRECTIONS** *for the question:* In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

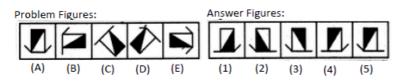
#### Question No.: 42



**Explanation:-** Similar figure appears alternately and all the elements move one step CW. Hence option 4 is the answer.

**DIRECTIONS** *for the question:* In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

#### Question No.: 43



# <u>hitbullseye</u>

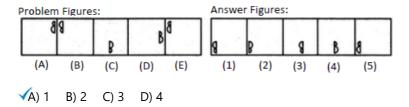
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A) 1 B) 2 \(\sqrt{C}\) 3 D) !

**Explanation:-** Similar figure reappears in every fourth step and each time a figure reappears, it rotates through  $90^{\circ}$ ACW.So now it is the turn of problem figure B to reappear and rotate through  $90^{\circ}$  ACW.Hence option 3 is the answer.

**DIRECTIONS** *for the question:* In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

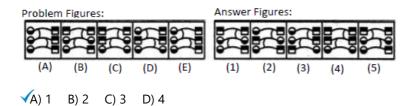
#### Question No.: 44



**Explanation:-** The symbol gets vertically inverted and laterally inverted alternately. It also moves in ACW direction through distances equal to two half-sides (of square boundary) and three half-sides alternately. Hence option 1 is the answer.

**DIRECTIONS** *for the question:* In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

#### Question No.: 45



**Explanation:**- The elements interchange positions in the orders and alternately. Hence option 1 is the answer.

**DIRECTIONS** for the question: Read the information given below and answer the question that follows.

#### Question No.: 46

Shukla, Mishra, Singh, Kulkarni, Rao, Joshi and Nair are to conduct interviews simultaneously either alone or in pairs at four different locations—Surat, Chandigarh, Delhi and Lucknow. Only one wants to travel by rail, two prefer travelling by car and the rest travel by air.

- Shukla is going to Lucknow but neither by car nor by air.
- Mishra prefers to travel by car.
- Neither Joshi nor Nair is going to Delhi.
- Only those going to Surat travel by road.
- Kulkarni will assist his friend Mishra.
- The two managers who go to Delhi travel by air.

Where will Kulkarni conduct the interviews?

√A) Surat B) Lucknow C) Chandigarh D) Cannot be determined

# **Explanation:**-

| Manager | Location | Mode of<br>Travel |
|---------|----------|-------------------|
| Shukla  | Lucknow  | Rail              |
| Mishra  | Surat    | Car               |



| Singh    | Delhi              | Air |
|----------|--------------------|-----|
| Kulakrni | Surat              | Car |
| Rao      | Delhi              | Air |
| Joshi    | Lucknow/Chandigarh | Air |
| Nair     | Lucknow/Chandigarh | Air |

Kulkarni conduct the interview in Surat

**DIRECTIONS** for the question: Read the information given below and answer the question that follows.

#### Question No.: 47

Shukla, Mishra, Singh, Kulkarni, Rao, Joshi and Nair are to conduct interviews simultaneously either alone or in pairs at four different locations—Surat, Chandigarh, Delhi and Lucknow. Only one wants to travel by rail, two prefer travelling by car and the rest travel by air.

- Shukla is going to Lucknow but neither by car nor by air.
- Mishra prefers to travel by car.
- · Neither Joshi nor Nair is going to Delhi.
- Only those going to Surat travel by road.
- Kulkarni will assist his friend Mishra.
- The two managers who go to Delhi travel by air.

Who goes to Delhi?

A) Mishra-Kulkarni VB) Rao-Singh C) Kulkarni-Joshi D) Data inadequate

#### **Explanation:-**

| explanation. |                    |                   |  |  |
|--------------|--------------------|-------------------|--|--|
| Manager      | Location           | Mode of<br>Travel |  |  |
| Shukla       | Lucknow            | Rail              |  |  |
| Mishra       | Surat              | Car               |  |  |
| Singh        | Delhi              | Air               |  |  |
| Kulakrni     | Surat              | Car               |  |  |
| Rao          | Delhi              | Air               |  |  |
| Joshi        | Lucknow/Chandigarh | Air               |  |  |
| Nair         | Lucknow/Chandigarh | Air               |  |  |

Rao and Singh goes to Delhi.

**DIRECTIONS** for the question: Read the information given below and answer the question that follows.

#### Question No.: 48

Shukla, Mishra, Singh, Kulkarni, Rao, Joshi and Nair are to conduct interviews simultaneously either alone or in pairs at four different locations—Surat, Chandigarh, Delhi and Lucknow. Only one wants to travel by rail, two prefer travelling by car and the rest travel by air.

- Shukla is going to Lucknow but neither by car nor by air.
- Mishra prefers to travel by car.
- Neither Joshi nor Nair is going to Delhi.
- Only those going to Surat travel by road.
- Kulkarni will assist his friend Mishra.
- The two managers who go to Delhi travel by air.

Which of the following is true?

√A) Kulkarni travels by car B) Nair will assist Rao C) Shukla conducts interviews alone D) Joshi goes to Chandigarh

#### **Explanation:-**



| Manager  | II ocation         | Mode of<br>Travel |
|----------|--------------------|-------------------|
| Shukla   | Lucknow            | Rail              |
| Mishra   | Surat              | Car               |
| Singh    | Delhi              | Air               |
| Kulakrni | Surat              | Car               |
| Rao      | Delhi              | Air               |
| Joshi    | Lucknow/Chandigarh | Air               |
| Nair     | Lucknow/Chandigarh | Air               |

**DIRECTIONS** for the question: Read the information given below and answer the question that follows.

#### Question No.: 49

Shukla, Mishra, Singh, Kulkarni, Rao, Joshi and Nair are to conduct interviews simultaneously either alone or in pairs at four different locations—Surat, Chandigarh, Delhi and Lucknow. Only one wants to travel by rail, two prefer travelling by car and the rest travel by air.

- Shukla is going to Lucknow but neither by car nor by air.
- Mishra prefers to travel by car.
- Neither Joshi nor Nair is going to Delhi.
- Only those going to Surat travel by road.
- Kulkarni will assist his friend Mishra.
- The two managers who go to Delhi travel by air.

Who will conduct interviews at Chandigarh?

A) Nair B) Singh C) Rao D) Data inadequate

#### **Explanation:-**

| explanation. |                    |                   |  |  |
|--------------|--------------------|-------------------|--|--|
| Manager      | l ocation          | Mode of<br>Travel |  |  |
| Shukla       | Lucknow            | Rail              |  |  |
| Mishra       | Surat              | Car               |  |  |
| Singh        | Delhi              | Air               |  |  |
| Kulakrni     | Surat              | Car               |  |  |
| Rao          | Delhi              | Air               |  |  |
| Joshi        | Lucknow/Chandigarh | Air               |  |  |
| Nair         | Lucknow/Chandigarh | Air               |  |  |

**DIRECTIONS** for the question: Read the information given below and answer the question that follows.

#### Question No.: 50

Shukla, Mishra, Singh, Kulkarni, Rao, Joshi and Nair are to conduct interviews simultaneously either alone or in pairs at four different locations—Surat, Chandigarh, Delhi and Lucknow. Only one wants to travel by rail, two prefer travelling by car and the rest travel by air.

- Shukla is going to Lucknow but neither by car nor by air.
- Mishra prefers to travel by car.
- Neither Joshi nor Nair is going to Delhi.
- Only those going to Surat travel by road.
- Kulkarni will assist his friend Mishra.
- The two managers who go to Delhi travel by air.

In which of the following pair, both of the managers have same mode of travel?

A) Shukla-Mishra ✓B) Rao-Singh C) Nair-Rao D) Kulkarni-Joshi

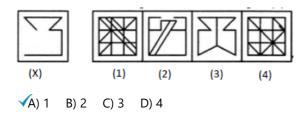


**Explanation:-**

| Manager  | II ocation         | Mode of<br>Travel |
|----------|--------------------|-------------------|
| Shukla   | Lucknow            | Rail              |
| Mishra   | Surat              | Car               |
| Singh    | Delhi              | Air               |
| Kulakrni | Surat              | Car               |
| Rao      | Delhi              | Air               |
| Joshi    | Lucknow/Chandigarh | Air               |
| Nair     | Lucknow/Chandigarh | Air               |

**DIRECTIONS** for the question: In which of the given options is the problem figure Embedded/Hidden?

Question No.: 51



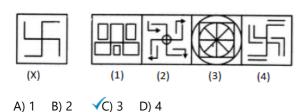
**Explanation:-** As shown (adjcent) X is contained in option 1



**DIRECTIONS** for the question: Answer the following question as per the best of your judgment.

Question No.: 52

Find out the alternative figure which contains figure (X) as its part.



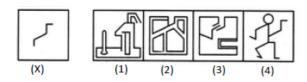
**Explanation:-** As shown (adjcent) X is contained in option 3



**DIRECTIONS** for the question: Answer the following question as per the best of your judgment.

Question No.: 53

Find out the alternative figure which contains figure (X) as its part.





B) 2 C) 3

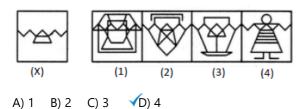
**Explanation:-** As shown (adjcent) X is contained in option



**DIRECTIONS** for the question: Answer the following question as per the best of your judgment.

#### Question No.: 54

Find out the alternative figure which contains figure (X) as its part.



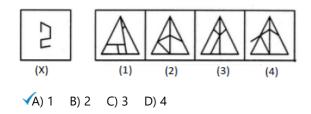
**Explanation:-** As shown (adjcent) X is contained in option 4



**DIRECTIONS** for the question: Answer the following question as per the best of your judgment.

#### Question No.: 55

Find out the alternative figure which contains figure (X) as its part.



**Explanation:-** As shown (adjcent) X is contained in option 1



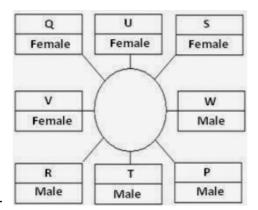
**DIRECTIONS** for the question: Read the information given below and answer the question that follows.

#### Question No.: 56

Eight persons P, Q, R, S, T, U, V, W from two families are taking breakfast around a round table. Three members are from one family and five belong to other family. Four of them are male members. T, a male member is sitting second to right of V, a female member. In all cases R has same position with respect to S, who is second to left of Q, a female member. S is wife of W and is sitting adjacent to her husband. U is sister of W and is not sitting between V and T. Q is immediate left of V. W is sitting immediate right of P.

Which of the given statement is wrong?

A) U is immediate right of S B) T is immediate left of P C) Q is sitting between U and V ✓D) R is second to left of W



**Explanation:-**

R is third to left of W.

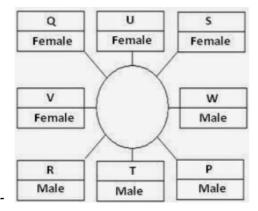
**DIRECTIONS** for the question: Read the information given below and answer the question that follows.

#### Question No.: 57

Eight persons P, Q, R, S, T, U, V, W from two families are taking breakfast around a round table. Three members are from one family and five belong to other family. Four of them are male members. T, a male member is sitting second to right of V, a female member. In all cases R has same position with respect to S, who is second to left of Q, a female member. S is wife of W and is sitting adjacent to her husband. U is sister of W and is not sitting between V and T. Q is immediate left of V. W is sitting immediate right of P.

Who is second to the left of P?

A) Q B) V ✓C) R D) S



**Explanation:-**

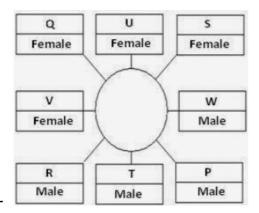
R is second to left of P.

**DIRECTIONS** for the question: Read the information given below and answer the question that follows.

#### Question No.: 58

Eight persons P, Q, R, S, T, U, V, W from two families are taking breakfast around a round table. Three members are from one family and five belong to other family. Four of them are male members. T, a male member is sitting second to right of V, a female member. In all cases R has same position with respect to S, who is second to left of Q, a female member. S is wife of W and is sitting adjacent to her husband. U is sister of W and is not sitting between V and T. Q is immediate left of V. W is sitting immediate right of P.

How many persons are sitting between P and Q when we count anticlockwise?



**Explanation:-**

There are 3 members in between P and Q in each case.

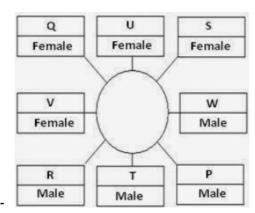
**DIRECTIONS** for the question: Read the information given below and answer the question that follows.

#### Question No.: 59

Eight persons P, Q, R, S, T, U, V, W from two families are taking breakfast around a round table. Three members are from one family and five belong to other family. Four of them are male members. T, a male member is sitting second to right of V, a female member. In all cases R has same position with respect to S, who is second to left of Q, a female member. S is wife of W and is sitting adjacent to her husband. U is sister of W and is not sitting between V and T. Q is immediate left of V. W is sitting immediate right of P.

How many members are there in W's family?

A) 2 B) 3 C) 5 \(\sqrt{D}\) Cannot be determined



**Explanation:-**

Cannot be determined

**DIRECTIONS** for the question: Read the information given below and answer the question that follows.

## Question No.: 60

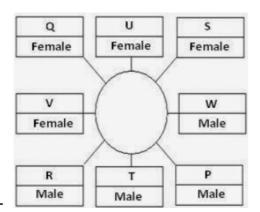
Eight persons P, Q, R, S, T, U, V, W from two families are taking breakfast around a round table. Three members are from one family and five belong to other family. Four of them are male members. T, a male member is sitting second to right of V, a female member. In all cases R has same position with respect to S, who is second to left of Q, a female member. S is wife of W and is sitting adjacent to her husband. U is sister of W and is not sitting between V and T. Q is immediate left of V. W is sitting immediate right of P.

Who is the member of family of three?

# <u>hitbullseye</u>

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A) V B) S C) P  $\sqrt{D}$ ) Cannot be determined

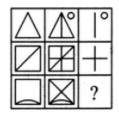


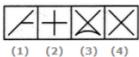
**Explanation:-**

Cannot be determined

**DIRECTIONS** for the question: Answer the following question as per the best of your judgment.

#### Question No.: 61



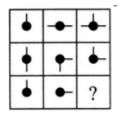


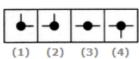
A) 1 B) 2 C) 3 \( \sqrt{D} \) 4

**Explanation:-** The third figure in each row comprises of parts which are not common to the first two figures.

**DIRECTIONS** *for the question:* In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

### Question No.: 62





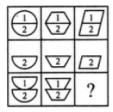
√A) 1 B) 2 C) 3 D) 4

**Explanation:-** In each row, the third figure comprises of a black circle and only those line segments which are not common to the first and the second figures.



**DIRECTIONS** for the question: In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

## Question No.: 63





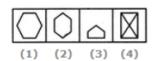
√C) 3 D) 4 B) 2 A) 1

**Explanation:-** In each column, the second figure (middle figure) is obtained by removing the upper part of the first figure (uppermost figure) and the third figure (lowermost figure) is obtained by vertically inverting the upper part of the first figure.

**DIRECTIONS** for the question: In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

## Question No.: 64





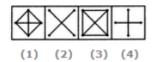
√B) 2 C) 3 D) 4

**Explanation:-** The two parts of the first figure are rearranged and joined along the longer sides. The common side is then lost to form the second figure.

**DIRECTIONS** for the question: In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

#### Question No.: 65





B) 2 A) 1

√C) 3 D) 4



**Explanation:-** The second figure is a part of the first figure (but is not exactly the same as the first figure).

**DIRECTIONS** for the question: Study the following Graph & table given below and answer the question that follows.

Question No.: 66

| Center\Post | Officer | Clerk | Field/<br>Officer | Supervisor | Specialist<br>Officer |
|-------------|---------|-------|-------------------|------------|-----------------------|
| Bangalore   | 2000    | 5000  | 50                |            | 750                   |
| Delhi       | 15000   | 17000 | 160               | 11000      | 750                   |
| Mumbai      | 17000   | 19500 | 70                | 7000       | 900                   |
| Hyderabad   | 3500    | 20000 | 300               | 90000      | 1150                  |
| Kolkata     | 14900   | 17650 | 70                | 1300       | 1200                  |
| Lucknow     | 11360   | 15300 | 30                | 1500       | 650                   |
| Chennai     | 9000    | 11000 | 95                | 1650       | 500                   |

In Kolkata number of Specialist officer is approximately what percent of that officer?

A) 8.7 B) 9 C) 6.5 🗸

**Explanation:-** In Kolkata No. of officers = 14900

No. of Specialist officer = 1200

Req. aaprox. Percentage: = 1200x100/14900 = 8.05=8 (approx)

**DIRECTIONS** for the question: Study the following Graph & table given below and answer the question that follows.

Question No.: 67

| Center\Post | Officer | Clerk | Field/<br>Officer | Supervisor | Specialist<br>Officer |
|-------------|---------|-------|-------------------|------------|-----------------------|
| Bangalore   | 2000    | 5000  | 50                | 2050       | 750                   |
| Delhi       | 15000   | 17000 | 160               | 11000      | 750                   |
| Mumbai      | 17000   | 19500 | 70                | 7000       | 900                   |
| Hyderabad   | 3500    | 20000 | 300               | 90000      | 1150                  |
| Kolkata     | 14900   | 17650 | 70                | 1300       | 1200                  |
| Lucknow     | 11360   | 15300 | 30                | 1500       | 650                   |
| Chennai     | 9000    | 11000 | 95                | 1650       | 500                   |

What is the difference between total number for officers and Clerks?

A) 29, 680 B) 34, 180 C) 32, 690 D) 28, 680

**Explanation:-** Total No. of officers = 72,760

Total No. of Clerks = 105,450 Req. difference = 32,690

**DIRECTIONS** for the question: Study the following Graph & table given below and answer the question that follows.

Question No.: 68

| Officer | ( lerk | Field/<br>Officer | Supervisor  | Specialist<br>Officer |
|---------|--------|-------------------|-------------|-----------------------|
| 2000    | 5000   | 50                | 2050        | 750                   |
| 15000   | 17000  | 160               | 11000       | 750                   |
| 2       | 000    | 000 5000          | 000 5000 50 | 000 5000 50 2050      |



| Mumbai    | 17000 | 19500 | 70  | 7000  | 900  |
|-----------|-------|-------|-----|-------|------|
| Hyderabad | 3500  | 20000 | 300 | 90000 | 1150 |
| Kolkata   | 14900 | 17650 | 70  | 1300  | 1200 |
| Lucknow   | 11360 | 15300 | 30  | 1500  | 650  |
| Chennai   | 9000  | 11000 | 95  | 1650  | 500  |

In Chennai number of clerks is approximately how much percent more than that of officers?

A) 18 **S**B) 22 C) 20 D) 2

**Explanation:-** In Chennai No. of Clerks = 11000

No. of officers = 9000

Reg Percentage =  $(11000 - 9000)/9000 \times 100 = 22.2\% = 22\%$  (approx.)

**DIRECTIONS** for the question: Study the following Graph & table given below and answer the question that follows.

Question No.: 69

| Center\Post | Officer | Clerk | Field/<br>Officer | Supervisor | Specialist<br>Officer |
|-------------|---------|-------|-------------------|------------|-----------------------|
| Bangalore   | 2000    | 5000  | 50                | 2050       | 750                   |
| Delhi       | 15000   | 17000 | 160               | 11000      | 750                   |
| Mumbai      | 17000   | 19500 | 70                | 7000       | 900                   |
| Hyderabad   | 3500    | 20000 | 300               | 90000      | 1150                  |
| Kolkata     | 14900   | 17650 | 70                | 1300       | 1200                  |
| Lucknow     | 11360   | 15300 | 30                | 1500       | 650                   |
| Chennai     | 9000    | 11000 | 95                | 1650       | 500                   |

Which center has 300% more number of clerks as compared to Bangalore?

A) Lucknow B) Mumbai 🗸 C) Hyderabad D) Chennai

**Explanation:-** 5000 + 300% of 5000 = 20,000

Hyderabad is req. answer.

**DIRECTIONS** for the question: Study the following Graph & table given below and answer the question that follows.

Question No.: 70

| Center\Post | Officer | Clerk | Field/<br>Officer | Supervisor | Specialist<br>Officer |
|-------------|---------|-------|-------------------|------------|-----------------------|
| Bangalore   | 2000    | 5000  | 50                | 2050       | 750                   |
| Delhi       | 15000   | 17000 | 160               | 11000      | 750                   |
| Mumbai      | 17000   | 19500 | 70                | 7000       | 900                   |
| Hyderabad   | 3500    | 20000 | 300               | 90000      | 1150                  |
| Kolkata     | 14900   | 17650 | 70                | 1300       | 1200                  |
| Lucknow     | 11360   | 15300 | 30                | 1500       | 650                   |
| Chennai     | 9000    | 11000 | 95                | 1650       | 500                   |

Which center has the highest number of candidates?

A) Delhi B) Kolkata C) Hyderabad D) Mumbai

**Explanation:** Clearly,we can say that Hyderabad center has the highest number of candidates.

**DIRECTIONS** *for the question:* The question below contains four statements, followed by four conclusions numbered I, II, III & IV. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all

the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

#### Question No.: 71

Statements:

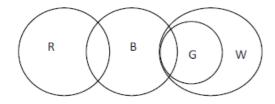
Some red are blue. Some blue are grey. All grey are white. No white is black.

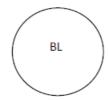
#### Conclusions:

- I. No black is grey.
- II. Some blue are white.
- III. Some black are red.
- IV. No black is red.
- A) Only I and II follow B) Only either III or IV follows C) Only I and either III or IV follow

√D) Only I, II and either III or IV follow

Explanation: - According to the question,





I. No black is grey, is true.

II. Some blue are white, is ture.

III. Some black are red, is false

IV. No black is red, is false.

Therefore, Only I, II and either III or IV follow.

**DIRECTIONS** *for the question:* The question below contains four statements, followed by four conclusions numbered I, II, III & IV. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

#### Question No.: 72

Statements:

All red are white. Some white are pink. Some pink are yellow. No yellow is blue.

#### Conclusions:

I. No blue is pink.

II. Some pink are red.

III. Some blue are red.

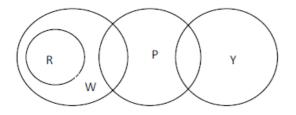
IV. Some blue are pink.

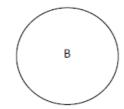
A) None follows 

B) Only either I or IV follows 
C) Only I follows 
D) Only III & IV follow

**Explanation:-** According to the question,







I. No blue is pink, is false.

II. Some pink are red, is false.

III. Some blue are red, is false.

IV. Some blue are pink. is false

Therefore, Only either conclusion I or IV follows.

DIRECTIONS for the question: The question below contains four statements, followed by four conclusions numbered I, II, III & IV. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

#### Question No.: 73

Statements:

Some blue are black. Some black are grey.

All grey are red. All red are pink.

#### Conclusions:

I. Some red are black.

II. Some pink are black.

III. Some pink are grey.

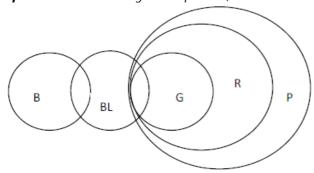
IV. Some red are blue.

A) Only I & II follow

B) Only II & III follow

√C) Only I, II and III follow D) All follow

**Explanation:-** According to the question,



I. Some red are black, is true.

II. Some pink are black, is true.

III. Some pink are grey, is true

IV. Some red are blue, is false.

Therefore, Only Conclusion I, II and III follow.

DIRECTIONS for the question: The question below contains four statements, followed by four conclusions numbered I, II, III & IV. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

#### Question No.: 74

Statements:

All green are pink. Some pink are black.

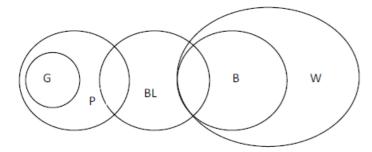
Some black are blue. All blue are white.

#### Conclusions:

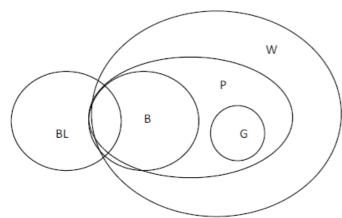
- I. Some black are white.
- II. Some blue are pink.
- III. Some pink are green.
- IV. No green is white.
- A) None follows

✓B) Only I and III follows C) Only III follows D) Only either I or II follows

**Explanation:-** According to the question,



OR



- I. Some black are white, is true.
- II. Some blue are pink, is false.
- III. Some pink are green, is true.
- IV. No green is white, is false.

Therefore, Only conclusion I and III follows.

DIRECTIONS for the question: The question below contains four statements, followed by four conclusions numbered I, II, III & IV. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

## Question No.: 75

#### Statements:

Some blue are white. All white are red. All red are pink. Some pink are yellow.

#### Conclusions:

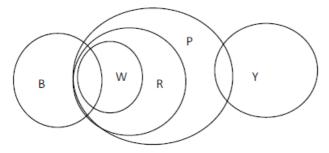
- I. Some yellow are red.
- II. Some yellow are white.
- III. All red are white.
- IV. Some yellow are blue.

- ✓A) None follows B) Only I follows C) Only II follows D) Only II & III follow

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#### **Explanation:-** According to the question,



I. Some yellow are red, is false.

II. Some yellow are white, is false.

III. All red are white,is false.

IV. Some yellow are blue, is false.

Therefore, None follows.

**DIRECTIONS** *for the question:* In the question a few statements are followed by four conclusions numbered I, II, III and IV. Consider the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusion(s) and then decide which of the given conclusion(s) logically follow(s) from the given statements.

#### Question No.: 76

Statements:

Some tumblers are plates.

Some bottles are tumblers.

All plates are spoons.

## Conclusions:

I. Some spoons are tumblers

II. Some spoons are plates

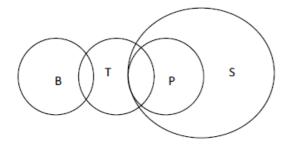
III. Some bottles are plates

IV. No bottle is a plate

A) Only I & II follows B) Either III or IV follow C) I and II & either III or

✓C) I and II & either III or IV follows. D) None of these

## **Explanation:-** According to the question,



Conclusion I and II & either III or IV follows. therefore, answer is 3 option.

**DIRECTIONS** *for the question:* In the question a few statements are followed by four conclusions numbered I, II, III and IV. Consider the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusion(s) and then decide which of the given conclusion(s) logically follow(s) from the given statements.

#### Question No.: 77

Statements:

All speeches are translations.

All essays are speeches.

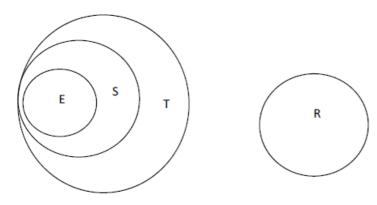


No essays are reviews.

#### Conclusions:

- I. Some reviews are speeches
- II. No reviews are essays
- III. No reviews are translation
- IV. No review are speeches
- A) All follow B) None of these C) Either I or II follow.  $\checkmark$ D) Either I or IV and II follows

**Explanation:-** According to the question,



So as shown, either R will be completely separate or it is also possible that it touches S, T. Either Conclusion I or IV and II follows.

**DIRECTIONS** *for the question:* In the question a few statements are followed by four conclusions numbered I, II, III and IV. Consider the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusion(s) and then decide which of the given conclusion(s) logically follow(s) from the given statements.

#### Question No.: 78

Statements:

No navies are air forces.

All armies are navies.

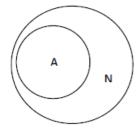
All air forces are defences.

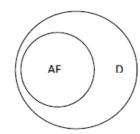
## Conclusions:

- I. No air forces are navies
- II. Some defences are airforces
- III. Some defences are not navies
- IV. No armies are air forces

A) Only either I or II follows B) Only II follows C) Only either I or IV follows ✓D) All conclusions follow

**Explanation:-** According to the question,





All conclusions follow.

**DIRECTIONS** *for the question:* In the question a few statements are followed by four conclusions numbered I, II, III and IV. Consider the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusion(s) and then decide which of the given conclusion(s) logically follow(s) from the given statements.

### Question No.: 79

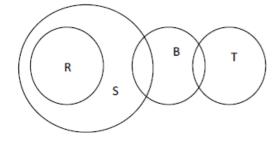
Statements:
All roots are stems.
Some branches are trees.
Some stems are branches.

#### Conclusions:

- I. Some trees are stems
- II. Some trees are branches
- III. All trees are stems
- IV. Some trees are not branches

A) Only I, II & III follow B) Only I & II follow C) Only I follows ✓D) Only II follow

**Explanation:-** According to the question,



Only Conclusion II folows.

**DIRECTIONS** *for the question:* In the question a few statements are followed by four conclusions numbered I, II, III and IV. Consider the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusion(s) and then decide which of the given conclusion(s) logically follow(s) from the given statements.

### Question No.: 80

Statements:

All clouds are stars.

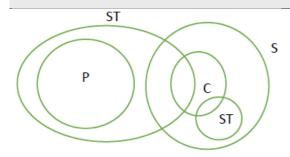
No stars are planets.

Some clouds are satellites.

#### Conclusions:

- I. No planet is cloud
- II. Some satellites are stars
- III. Some planets are not satellites
- IV. Some satellites are not planets
- A) Only II follows B) Only I & II follows C) Only I, II & IV follows D) None follows

**Explanation:-** S stands for Stars and ST stands for satellites. Now as per the information given, satellites can be drawn in two different ways, both have been given below.



therefore, Only I, II & IV follows. Hence option 3 is the answer.

**DIRECTIONS** *for the question:* In the question, some symbols are used which define the relationship between two categories. Using those, solve the question and mark

### Question No.: 81

P @ Q means P is neither smaller than nor equal to Q

P # Q means P is neither greater than nor equal to Q

P \$ Q means P is neither greater nor smaller than Q

P % Q means P is not greater than Q

P & Q means P is not smaller than Q

Statements: A @ B, B \$ C, C # D Conclusions: I. A#D II. B@D

A) if only conclusion I is true. B) if only conclusion II is true. C) if either conclusion I or II is true.

√D) if neither conclusion I nor II is true.

# **Explanation:-** @:>

# : <

\$:=

%:≤

&:≥

A > B = C < D

I. A < D False

II. B > D False

**DIRECTIONS** *for the question:* In the question, some symbols are used which define the relationship between two categories. Using those, solve the question and mark

### Question No.: 82

P @ Q means P is neither smaller than nor equal to Q

P # Q means P is neither greater than nor equal to Q

P \$ Q means P is neither greater nor smaller than Q

P % Q means P is not greater than Q

P & Q means P is not smaller than Q

Statements: P&Q, Q%R, R\$S Conclusions: I. Q\$S II. P#S

A) if only conclusion I is true. B) if only conclusion II is true. C) if either conclusion I or II is true.

✓D) if neither conclusion I nor II is true.

**Explanation:-** @:>

# : <

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\$:=  $%: \le$   $\&: \ge$   $P \ge Q \le R = S$ I. Q = S False

II. P < S False

**DIRECTIONS** *for the question:* In the question, some symbols are used which define the relationship between two categories. Using those, solve the question and mark

#### Question No.: 83

P @ Q means P is neither smaller than nor equal to Q P # Q means P is neither greater than nor equal to Q P \$ Q means P is neither greater nor smaller than Q P % Q means P is not greater than Q P & Q means P is not smaller than Q

Statements: P&Q, Q@R, R%S Conclusions: I. Q%S II. P%S

A) if only conclusion I is true. B) if only conclusion II is true. C) if either conclusion I or II is true. 

D) if neither conclusion I nor II is true.

# **Explanation:-** @:>

# : < \$:=

% : ≤ & : ≥

 $P \ge Q > R \le S$ 

I.  $Q \leq S$  False

II.  $P \leq S$  False

**DIRECTIONS** *for the question:* In the question, some symbols are used which define the relationship between two categories. Using those, solve the question and mark

### Question No.: 84

P @ Q means P is neither smaller than nor equal to Q

P # Q means P is neither greater than nor equal to Q

P \$ Q means P is neither greater nor smaller than Q

P % Q means P is not greater than Q

P & Q means P is not smaller than Q

Statements: A@B, B#C, C%D Conclusions: I. B#D II. D@A

✓A) if only conclusion I is true. B) if only conclusion II is true. C) if either conclusion I or II is true. D) if neither conclusion I nor II is true.

## **Explanation:-** @:>

# : <

\$:=

%:≤

&∶≥

 $A > B < C \leq D$ I. B < D True II. D > A False **DIRECTIONS** for the question: In the question, some symbols are used which define the relationship between two categories. Using those, solve the question and mark Question No.: 85 P @ Q means P is neither smaller than nor equal to Q P # Q means P is neither greater than nor equal to Q P \$ Q means P is neither greater nor smaller than Q P % Q means P is not greater than Q P & Q means P is not smaller than Q Statements: A@B, B%C, C@D Conclusions: I. D\$B A) if only conclusion I is true. B) if only conclusion II is true. C) if either conclusion I or II is true. √D) if neither conclusion I nor II is true. **Explanation:-** @:> # : < \$:= %:≤ &:≥  $A > B \leq C > D$ I. D = B FalseII. B > D False **DIRECTIONS** for the question: Choose the word from the options which is most **Similar** in meaning to the given word. Question No.: 86 **EMACIATED** √D) Gaunt A) Dismal B) Obese C) Uninviting Explanation:- Emaciated means abnormally weak and thin which is synonymous to Gaunt. Dismal means sad **DIRECTIONS** for the question: Choose the word from the options which is most Similar in meaning to the given word. **Question No.: 87 ECSTATIC** 

**Explanation:-** Ecstatic means to be happy which is synonymous to Exuberant.

√A) Exuberant B) Lucky C) Unfortunate D) Random

**DIRECTIONS** for the question: Choose the word from the options which is most Similar in meaning to the given word.

Question No.: 88

MENDACIOUS
A) Full of Confidence ✓B) False C) Encouraging D) Provocative

**Explanation:-** Mendacious means not telling the truth

**DIRECTIONS** for the question: Choose the word from the options which is most **Similar** in meaning to the given word.

Question No.: 89

Façade

A) basement B) floor C) top √D) front

**Explanation:-** Facade means the principal front of a building.

**DIRECTIONS** for the question: Choose the word from the options which is most Similar in meaning to the given word.

Question No.: 90

munificence

✓A) generosity B) stinginess C) misery D) tactfulness

**Explanation:-** Munificence means the quality or action of being generous.

**DIRECTIONS** *for the question*: In the question below, a statement is followed by two courses of action numbered I and II. You have to assume everything in the statement to be true and on the basis of the information given in the statement. Mark your answer as

#### Question No.: 91

Statement: Cell phone users have found that tariff plans are not as attractive as promoted by telecom companies and complained to regulatory authority about the same.

Course of Action I: The regulatory authority should direct telecom companies to be transparent on the tariff structure. Course of Action II: The government should restrict the number of telecom companies operating in the country.

✓A) If only I follows B) If only II follows C) If either I or II follows D) If neither I nor II follows.

**Explanation:-** Being "not as attractive as promoted" is a clear case of hiding things. Hence "transparency" is the answer to the problem and I follow. II goes against the spirit of free market and is not relevant to the problem as well.

**DIRECTIONS** *for the question*: In the question below, a statement is followed by two courses of action numbered I and II. You have to assume everything in the statement to be true and on the basis of the information given in the statement. Mark your answer as

#### Question No.: 92

Statement: A number of school children in the local schools have fallen ill after the consumptions of their subsidized Tiffin provided by the school authority.

# Courses of Action:

- I. The Tiffin facility of all schools should be discontinued with immediate effect.
- II. The government should implement a system to certify the quality of Tiffin provided by the school.

A) If only I follows

✓B) If only II follows C) If either I or II follows

D) If neither I nor II follows.

**Explanation:** Course of action I does not follow due to the words 'all' and 'immediate'. Course of action II follows because a system should be implemented to certify the quality of tiffin provided by the school.

**DIRECTIONS** for the question: In the question below, a statement is followed by two courses of action numbered I and II. You have to assume everything in the statement to be true and on the basis of the information given in the statement. Mark your answer as

### Question No.: 93

Statement: An increasing number of graduates produced by Indian universities are unemployable.

#### Courses of Action:

- I. Colleges and Institutes of higher education should decide the course content.
- II. World-class foreign universities should be encouraged to set up campuses in India

A) If only I follows B) If only II follows C) If either I or II follows ✓D) If neither I nor II follows.

Explanation:- None of the course of action explains the reason of unemployability, so there is no relation between statement and any course of action.

**DIRECTIONS for the question:** In the question below, a statement is followed by two courses of action numbered I and II. You have to assume everything in the statement to be true and on the basis of the information given in the statement. Mark your answer as

#### Question No.: 94

Statement: The IMF has agreed to approve a \$285 million loan to finance a project for Port Trusts on certain conditions being seen as having pernicious effects on Indian economy

#### Courses of Action:

(I)India should accept the conditions and complete the project

(II)India should try to figure other sources for the loan

✓B) If only II follows C) If either I or II follows D) If neither I nor II follows. A) If only I follows

**Explanation:** We cannot consider something pernicious/harmful to the economy Hence A is not a valid CoA Only B is valid CoA for the given situation.

**DIRECTIONS** for the question: In the question below, a statement is followed by two courses of action numbered I and II. You have to assume everything in the statement to be true and on the basis of the information given in the statement. Mark your answer as

#### Question No.: 95

Statement: There is an unprecedented increase in migration of villagers to urban areas as repeated crop failure has put them into precarious financial situation.

#### Courses of Action:

(I)The villagers should be provided with alternate source of income in their villages which will make them stay put.

(II) The migrated villagers should be provided with jobs in the urban areas to help them survive.

√A) If only I follows B) If only II follows C) If either I or II follows D) If neither I nor II follows.



**Explanation:-** Clearly, increased migration would add to the burden on city's infrastructure. So, attempts should be made to make the villagers feel comfortable in the villages itself. So, only **course I** follows.

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

### Question No.: 96

Look carefully for the pattern, and then choose which pair of numbers comes next.

9 11 33 13 15 33 17

✓A) 19 33 B) 33 35 C) 33 19 D) 15 33

**Explanation:-** In this alternating repetition series, a random number, 33, is interpolated every third number into a simple addition series, in which each number increases by 2.

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

### Question No.: 97

In these series, you will be looking at both the letter pattern and the number pattern. Fill the blank in the middle of the series or end of the series.

P5QR, P4QS, P3QT, \_\_\_\_, P1QV

A) PQW B) PQV2 √C) P2QU D) PQ3U

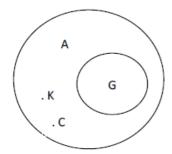
**Explanation:-** Explanation: The first two letters, PQ, are static. The third letter is in alphabetical order, beginning with R. The number series is in descending order beginning with 5.

**DIRECTIONS** *for the question:* The main statement is followed by four sentences. Select a pair of sentences that relate logically to the given statement.

### Question No.: 98

All guilty politicians were arrested. Kishan and Chander were among those arrested.

A) All politicians are guilty. B) All arrested people are politicians. C) Kishan and Chander were not politicians.  $\checkmark$ D) Kishan and Chander were guilty is a possibility.



### **Explanation:-**

As we can see from the diagram that Kishan and Chander might be inside G or outside it, so they were quilty is a possibility.

**DIRECTIONS** *for the question:* Solve the question and mark the appropriate answer.



Translate from an imaginary language into English. Then, look for the word elements that appear both on the list and in the answer choices.

Here are some words translated from an artificial language:morpirquat means birdhouse beelmorpir means bluebird beelclak means bluebell

Which word could mean "housequest"?

A) morpirhunde B) beelmoki √C) quathunde D) clakquat

**Explanation:-** Morpir means bird; quat means house; beel means blue; clak means bell. Choice c, which begins with quat, is the only possible option.

**DIRECTIONS** *for the question:* In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

Question No.: 100

$$\frac{\int - |-|| \int - |?|}{\int - |-|| \int - |?|} = \iint - |-||$$
A) 1 B) 2 C) 3  $\sqrt{D}$ ) 4

**Explanation:-** The first and second segments are mirror image of each other. The same is true for the second and third. So, must be true for third and fourth segments.

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 101

Alfred buys an old scooter for Rs. 4700 and spends Rs. 800 on its repairs. If he sells the scooter for Rs. 5800, his gain percent is:

A) 
$$_{4-\%}^{4}$$
  $\stackrel{\checkmark}{>}$ B)  $_{5-\%}^{5}$  C) 10% D) 12%

**Explanation:-** Cost Price (C.P.) = Rs. (4700 + 800) = Rs. 5500. Selling Price (S.P.) = Rs. 5800.

Gain = 
$$(S.P.)$$
 -  $(C.P.)$  =  $Rs.(5800 - 5500)$  =  $Rs. 300$ .

Gain % = 
$$(300/5500)*100 = 5\frac{5}{11}$$

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 102

Sam purchased 20 dozens of toys at the rate of Rs. 375 per dozen. He sold each one of them at the rate of Rs. 33. What was his percentage profit?

A) 3.5 B) 4.5 **C**) 5.6 D) 6.5

Explanation:-

Cost Price of 1 toy = Rs. 
$$\left(\frac{375}{12}\right)$$
 = Rs. 31.25

Selling Price of 1 toy = Rs. 33

•• Profit % = 
$$\left(\frac{1.75}{31.25} \times 100\right)_{\%} = \frac{28}{5}\% = 5.6\%$$

**DIRECTIONS** for the question: The question below is followed by two statements marked I and II. Mark as your answer.

### Question No.: 103

A man mixes two types of rice (X and Y) and sells the mixture at the rate of Rs. 17 per kg. Find his profit percentage.

- I. The rate of X is Rs. 20 per kg.
- II. The rate of Y is Rs. 13 per kg.
- A) I alone sufficient while II alone not sufficient to answer B) II alone sufficient while I alone not sufficient to answer
- C) Either I or II alone sufficient to answer D) Both I and II together are not sufficient to give the answer

**Explanation:-** The ratio, in which X and Y are mixed, is not given.

So, both I and II together cannot give the answer.

Correct answer is (D).

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

#### Question No.: 104

The average of 20 numbers is zero. Of them, at the most, how many may be greater than zero?

A) 0 B) 1 C) 10  $\sqrt{D}$ ) 19

**Explanation:-** Average of 20 numbers = 0.

Sum of 20 numbers  $(0 \times 20) = 0$ .

It is quite possible that 19 of these numbers may be positive and if their sum is a then 20th number is (-a).

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

# Question No.: 105

The average weight of 8 person's increases by 2.5 kg when a new person comes in place of one of them weighing 65 kg. What might be the weight of the new person?

A) 76kg B) 76.5kg C) 85kg D) Data inadequate

**Explanation:-** Total weight increased =  $(8 \times 2.5) \text{ kg} = 20 \text{ kg}$ . Weight of new person = (65 + 20) kg = 85 kg.

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

# Question No.: 106

The average age of husband, wife and their child 3 years ago was 27 years and that of wife and the child 5 years ago was 20 years. The present age of the husband is:



**Explanation:-** Sum of the present ages of husband, wife and child =  $(27 \times 3 + 3 \times 3)$  years = 90 years. Sum of the present ages of wife and child =  $(20 \times 2 + 5 \times 2)$  years = 50 years. Husband's present age = (90 - 50) years = 40 years.

**DIRECTIONS** for the question: The question below is followed by two statements marked I and II. Mark as your answer.

Question No.: 107

What is the average age of children in the class?

- I. The age of the teacher is as many years as the number of children.
- II. Average age is increased by 1 year if the teacher's age is also included.
- A) I alone sufficient while II alone not sufficient to answer B) II alone sufficient while I alone not sufficient to answer
- C) Either I or II alone sufficient to answer  $\sqrt{D}$ ) Both I and II are not sufficient to answer

**Explanation:-** LLet there be x children and their average age is 'y' years

Statement I gives that age of teacher = x years

So it is not sufficient to answer.

Statement II gives that the average age of x + 1 persons = y + 1

Again tis statement cannot give us the answer.

Now if we combine the two statements, we get that teacher's age = (x + 1)(y + 1) - xy = x + y + 1

So we cannot get the answer even by combining the two statements.

:. Correct answer is (D)

**DIRECTIONS** *for the question:* In this question, the first two words are related in a particular manner. You have to choose a word from the options so that a new pair of words is formed where the relation is the same as in the case of the given pair of words. The question stem has the first word of the second pair. You may have to consider the secondary meaning of certain words while choosing an answer.

#### Question No.: 108

Odometer is to mileage as compass is to

A) speed B) hiking C) needle √D) direction

### **Explanation:-**

An odometer is an instrument used to measure mileage. A compass is an instrument used to determine direction. Choices A, B, and C are incorrect because none is an instrument.

**DIRECTIONS** *for the question:* In this question, the first two words are related in a particular manner. You have to choose a word from the options so that a new pair of words is formed where the relation is the same as in the case of the given pair of words. The question stem has the first word of the second pair. You may have to consider the secondary meaning of certain words while choosing an answer.

### Question No.: 109

Marathon: Race:: Hibernation:?

A) winter B) bear C) dream ✓D) sleep

**Explanation:-** A marathon is a long race Similarly Hibernation is a lengthy period of sleep.

Options A or B cannot be the answer because although bear is generally in hibernation and winter is a season in which most of the living things go into a mode of hibernation yet they do not complete the analogy.

Option C is incorrect because sleep and dream are not synonyms.



**DIRECTIONS** *for the question:* In this question, the first two words are related in a particular manner. You have to choose a word from the options so that a new pair of words is formed where the relation is the same as in the case of the given pair of words. The question stem has the first word of the second pair. You may have to consider the secondary meaning of certain words while choosing an answer.

Question No.: 110

Cup is to coffee as bowl is to

A) dish  $\sqrt{B}$ ) soup C) spoon D) food

## **Explanation:-**

Coffee goes into a cup and soup goes into a bowl. Choices A and C are incorrect because they are other utensils. The answer is not choice D because the word food is too general.

**DIRECTIONS** *for the question:* In this question, the first two words are related in a particular manner. You have to choose a word from the options so that a new pair of words is formed where the relation is the same as in the case of the given pair of words. The question stem has the first word of the second pair. You may have to consider the secondary meaning of certain words while choosing an answer.

Question No.: 111

**Elated** is to **Despondent** as **Enlightened** is to

A) aware ✓B) ignorant C) miserable D) tolerant

Explanation:- Elated is the opposite of despondent; enlightened is the opposite of ignorant.

**DIRECTIONS** *for the question:* In this question, the first two words are related in a particular manner. You have to choose a word from the options so that a new pair of words is formed where the relation is the same as in the case of the given pair of words. The question stem has the first word of the second pair. You may have to consider the secondary meaning of certain words while choosing an answer.

Question No.: 112

Reptile is to lizard as flower is to

A) petal B) stem √C) daisy D) alligator

**Explanation:-** A lizard is a type of reptile; a daisy is a type of flower. Choices a and b are incorrect because a petal and a stem are parts of a flower, not types of flowers. (Choice d) is incorrect because an alligator is another type of reptile, not a type of flower.

**DIRECTIONS** *for the questions:* In the question below a statement is given followed by two assumptions numbered I and II. An assumption is something supposed or taken for granted. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

Question No.: 113

Statement: It is desirable to put the child in school at the age of 5 or so.

### Assumptions:

I. At that age the child reaches appropriate level of development and is ready to learn.

II. The schools do not admit children after six years of age.

A) Only assumption I is implicit B) Only assumption II is implicit C) Either I or II is implicit

D) Neither I nor II is implicit



**Explanation:-** Since the statement talks of putting the child in school at the age of 5, it means that the child is mentally prepared for the same at this age. So, I is implicit. But nothing about admission after 6 years of age is mentioned in the statement. So, II is not implicit.

**DIRECTIONS** *for the questions:* In the question below a statement is given followed by two assumptions numbered I and II. An assumption is something supposed or taken for granted. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

### Question No.: 114

Statement: "If you trouble me, I will slap you." - A mother warns her child.

# Assumptions:

- I. With the warning, the child may stop troubling her.
- II. All children are basically naughty.
- A) Only assumption I is implicit B) Only assumption II is implicit C) Either I or II is implicit D) Neither I nor II is implicit

**Explanation:-** The mother warns her child with the expectation that he would stop troubling her. So, I is implicit. The general nature of children cannot be derived from the statement. So, II is not implicit.

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

#### Question No.: 115

2, 1, (1/2), (1/4), ... What number should come next?

**Explanation:-** This is a simple division series; each number is one-half of the previous number.

In other terms to say, the number is divided by 2 successively to get the next result.

4/2 = 2 2/2 = 1 1/2 = 1/2 (1/2)/2 = 1/4 (1/4)/2 = 1/8 and so on.

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

### Question No.: 116

7, 10, 8, 11, 9, 12, ... What number should come next?

**Explanation:-** This is a simple alternating addition and subtraction series. In the first pattern, 3 is added; in the second, 2 is subtracted

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

### Question No.: 117

22, 21, 23, 22, 24, 23, ... What number should come next?

A) 22 B) 24 \(\sqrt{C}\) 25 D) 26

**Explanation:-** In this simple alternating subtraction and addition series; 1 is subtracted, then 2 is added, and so on. **DIRECTIONS for the question:** Choose the word from the options which is most **Similar** in meaning to the given word.

Question No.: 118

**CORPULENT** 

A) Lean B) Gaunt C) Emaciated  $\checkmark$ D) Obese

**Explanation:-** Corpulent means fat Gaunt and emaciated means Skinny

**DIRECTIONS** for the question: Choose the word from the options which is most Similar in meaning to the given word.

Question No.: 119

**BRIEF** 

A) Limited B) Small C) Little VD) Short

**Explanation:-** Brief means a **short** duration.

**DIRECTIONS** for the question: Choose the word from the options which is most Similar in meaning to the given word.

Question No.: 120

EMBEZZLE

√A) Misappropriate B) Balance C) Remunerate D) Clear

**Explanation:-** Embezzle means steal or misappropriate Remunerate means to pay for services rendered or work done.

**DIRECTIONS** for the question: Choose the word from the options which is most Similar in meaning to the given word.

Question No.: 121

**VENT** 

√A) Opening B) Stodge C) End D) Past tense of go

**Explanation:-** Vent means an opening for gas or liquid to flow Stodge means Food that is heavy, filling, and high in carbohydrates.

**DIRECTIONS** for the question: Choose the word from the options which is most Similar in meaning to the given word.

Question No.: 122

**AUGUST** 

A) Common B) Ridiculous C) Dignified D) Petty

**Explanation:-** August means respected and impressive Petty means of little importance

**DIRECTIONS** for the question: Choose the word from the options which is most Similar in meaning to the given word.

Question No.: 123

**CANNY** 

A) Obstinate B) Handsome  $\checkmark$ C) Cautious D) Stout

**Explanation:-** Canny means cautious Obstinate means to stubbornly refuse Stout means Fat

**DIRECTIONS** for the question: Choose the word from the options which is most Similar in meaning to the given word.

Question No.: 124

**ALERT** 

A) Energetic B) Slow C) Intelligent VD) Watchful

Explanation:- Alert and Watchful are synonyms

DIRECTIONS for the question: Choose the word from the options which is most Similar in meaning to the given word.

Question No.: 125

**STERILE** 

√A) Barren B) Fecund C) Septic D) Rich

**Explanation:-** Sterile and Barren are synonyms

Fecund is antonym of Sterile

**DIRECTIONS** *for the question:* Choose the most logical order of words / phrases from among the given choices to construct a coherent sentence.

Question No.: 126

1. at

2. it

3. take

4. once

5. away

A) 23514 B) 14352 VC) 32514 D) 53214

**Explanation:-** "Take it away at once."

**DIRECTIONS** *for the question:* Choose the most logical order of words / phrases from among the given choices to construct a coherent sentence.

Question No.: 127

1. seen

2. going

3. you

4. him

5. have

**Explanation:-** "You have seen him going."

**DIRECTIONS** *for the question:* Choose the most logical order of words / phrases from among the given choices to construct a coherent sentence.

Question No.: 128

- 1. killed
- 2. a
- 3. Jaswant
- 4. bear
- 5. wild

√A) 31254 B) 53124 C) 23145 D) 43125

Explanation:- "Jaswant killed a wild bear."

**DIRECTIONS** *for the question:* Choose the most logical order of words / phrases from among the given choices to construct a coherent sentence.

Question No.: 129

- 1. tea
- 2. have
- 3. that
- 4. some
- 5. before

A) 43251 B) 24315 VC) 24153 D) 52431

**Explanation:-** "Have some tea before that."

**DIRECTIONS** *for the question:* A sentence or a part of the sentence is underlined. Four alternatives are given as substitutions for the highlighted part, one of which will improve the sentence. Choose the correct alternative.

Question No.: 130

Despite of their differences on matters of principles, they all agreed on the demand of hike in salary.

√A) Despite their B) Despite of the C) Despite for their D) Despite off their

**Explanation:** 'Despite' is always used alone as a preposition.

**DIRECTIONS** *for the question:* A sentence or a part of the sentence is underlined. Four alternatives are given as substitutions for the highlighted part, one of which will improve the sentence. Choose the correct alternative.

Question No.: 131

The man who has committed such a serious crime must get the mostly severe punishment.

- A) be getting the mostly severely  $\sqrt{8}$ ) get the most severe C) have got the most severely
- D) have been getting the severe most

**Explanation:** 'Mostly' is an adverb. also we need the Superlative form of 'Severe' which will be 'Most Severe'.

**DIRECTIONS** *for the question:* A sentence or a part of the sentence is underlined. Four alternatives are given as substitutions for the highlighted part, one of which will improve the sentence. Choose the correct alternative.

### Question No.: 132

For many centuries in Indian History there was no city so famous <u>like</u> the city of Ujjain.

√A) as B) such as C) likewise D) so like

**Explanation:-** With conjunction 'so' we use 'as'.

**DIRECTIONS** *for the question:* A sentence or a part of the sentence is underlined. Four alternatives are given as substitutions for the highlighted part, one of which will improve the sentence. Choose the correct alternative.

#### Question No.: 133

We don't know how did the thief made an escape.

A) how the thief did make B) how the thief does make  $\checkmark$ C) how the thief made D) how was the thief made

**Explanation:-** With 'did' we do not use second form of verb.

Also this sentence is in Past tense therefore we shall use second form of verb here while removing 'did' from sentence.

**DIRECTIONS** *for the question:* A sentence or a part of the sentence is underlined. Four alternatives are given as substitutions for the highlighted part, one of which will improve the sentence. Choose the correct alternative.

### Question No.: 134

Their earnings are such that they find it difficult to make both ends to meet.

- A) to makings both ends meet B) to make both ends for meeting C) to make both ends meet
- D) for making both ends to meet

**Explanation:-** The correct idiom is 'to make both ends meet'

**DIRECTIONS** *for the question:* A sentence or a part of the sentence is underlined. Four alternatives are given as substitutions for the highlighted part, one of which will improve the sentence. Choose the correct alternative.

### Question No.: 135

He has received no other message than an urgent telegram asking him to rush his village immediately.

A) asked him to rush his village B) asking him to have rush his village C) asking him to rush to his village D) asking him rushing at his village

**Explanation:** The correct idiomatic usage is 'rush to his village', as we need to stress upon the destination.

**DIRECTIONS** *for the questions:* A sentence has been given in Active Voice. Out of the five/four alternatives suggested select the one which best expresses the same sentence in Passive Voice.

# Question No.: 136

You can play with these kittens quite safely.



- A) These kittens can played with quite safely. B) These kittens can play with you quite safely.
- C) These kittens can be played with you quite safely.  $\checkmark$ D) These kittens can be played with quite safely.

**Explanation:-** When converting active to passive voice subject and object interchange their places making the thing recieving the action as subject. Also the tense of the sentence will not change. Also we add 'be' verb to the sentence. Therefore option 4 is correct.

**DIRECTIONS** *for the questions:* A sentence has been given in Active Voice. Out of the five/four alternatives suggested select the one which best expresses the same sentence in Passive Voice.

### Question No.: 137

A child could not have done this mischief.

A) This mischief could not be done by a child. B) This mischief could not been done by a child.

C) This mischief could not have been done by a child. D) This mischief a child could not have been done.

**Explanation:-** When converting active to passive voice subject and object interchange their places making the thing recieving the action as subject. Also the tense of the sentence will not change. Therefore, option 3 is the correct option.

**DIRECTIONS** *for the questions:* A sentence has been given in Active Voice. Out of the five/four alternatives suggested select the one which best expresses the same sentence in Passive Voice.

#### Question No.: 138

James Watt discovered the energy of steam.

- C) James Watt was discovered by the energy of steam. D) James Watt had discovered energy by the steam.

**Explanation:-** When converting active to passive voice subject and object interchange their places making the thing recieving the action as subject. Also the tense of the sentence will not change. Therefore, option 2 is correct.

**DIRECTIONS** *for the questions:* A sentence has been given in Active Voice. Out of the five/four alternatives suggested select the one which best expresses the same sentence in Passive Voice.

### Question No.: 139

She makes cakes every Sunday

- A) Every Sunday cakes made by her.  $\sqrt{B}$ ) Cakes are made by her every Sunday. C) Cakes make her every Sunday.
- D) Cakes were made by her every Sunday.

**Explanation:-** When converting active to passive voice subject and object interchange their places making the thing recieving the action as subject. Also the tense of the sentence will not change. Therefore, option 2 is best choice.

**DIRECTIONS** *for the questions:* A sentence has been given in Active Voice. Out of the five/four alternatives suggested select the one which best expresses the same sentence in Passive Voice.

### Question No.: 140

She spoke to the official on duty.

✓A) The official on duty was spoken to by her B) The official was spoken to by her on duty.

C) She was spoken to by the official on duty. D) She was the official to be spoken to on duty



**Explanation:-** When converting active to passive voice subject and object interchange their places making the thing recieving the action as subject. Also the tense of the sentence will not change. Therefore option 1 is correct.

**DIRECTIONS** *for the question:* Choose an option, which can be substituted for a given word/sentence/phrase out of given options.

# Question No.: 141

State in which the few govern the many

A) Monarchy S) Oligarchy C) Plutocracy D) Autocracy

**Explanation:-** Monarchy means rule of a monarch

Oligarchy means a small country having control over a country or organisation

Plutocracy means government by the wealthy.

Autocracy means a system of government with one person with absolute power.

**DIRECTIONS** *for the question:* Choose an option, which can be substituted for a given word/sentence/phrase out of given options.

#### Question No.: 142

A style in which a writer makes a display of his knowledge

√A) Pedantic B) Verbose C) Pompous D) Ornate

**Explanation:-** Pedantic means when a writer makes a display of his knowledge

Verbose means using or expressed in more words than are needed Pompous means affectedly grand, solemn, or self-important Ornate means elaborately or highly decorated

**DIRECTIONS** *for the question:* Choose an option, which can be substituted for a given word/sentence/phrase out of given options.

## Question No.: 143

A disease of mind causing an uncontrollable desire to steal

A) Schizophrenia B) Claustrophobia  $\checkmark$ C) Kleptomania D) Magolomania

**Explanation:-** Kleptomania means a recurrent urge to steal, typically without regard for need or profit.

Schizophrenia means a long-term mental disorder of a type involving a breakdown in the relation between thought, emotion, and behaviour Claustrophobia means extreme or irrational fear of confined places.

Magolomania means a symptom of mental illness marked by delusions of greatness, wealth, etc.

**DIRECTIONS** *for the question:* In each of the following question, out of the given group of wordings, choose one appropriately spelled.

Question No.: 144

A) Itinarery S) Itinerary C) Itenary D) Itinarary

**Explanation:-** Itinerary - of a trip, of a journey, of travelling, of the route taken on a journey.

**DIRECTIONS** *for the question:* In each of the following question, out of the given group of wordings, choose one appropriately spelled.

Question No.: 145

A) Survaillance 

B) Surveillance 
C) Surveillance 
D) Surveillance

**Explanation:-** Surveillance - careful observation of a person or group, supervision.

**DIRECTIONS** *for the question:* In each of the following question, out of the given group of wordings, choose one appropriately spelled.

Question No.: 146

A) Velnerable B) Vulnarable C) Vulnerable D) Valnerable

**Explanation:-** Correct spelling is Vulnerable which means exposed to the possibility of being attacked or harmed, either physically or emotionally

**DIRECTIONS** for the question: Fill in the blank with the right options provided.

Question No.: 147

When I was a child, I .....to school everyday instead going by cycle.

A) had walked ✓B) walked C) have walked D) have been walking

**Explanation:-** We need a word in Simple Past here therefore 'Walked' is the correct word.

**DIRECTIONS** for the question: Fill in the blank with the right options provided.

Question No.: 148

The Sun ..... at six this morning.

A) roused  $\sqrt{B}$ ) rose C) evoked D) aroused

**Explanation:-** Roused, Evoked and Aroused mean to awaken that someone is needed to for it whereas sun rises on its own. Therefore 'rose' is the correct option.

**DIRECTIONS** for the question: Fill in the blank with the right options provided.

Question No.: 149

Her parents will never give their ..... to so much an unsuitable match.

A) acquiescence VB) consent C) agreement D) willingness

**Explanation:-** Acquiescence means the reluctant acceptance of something without protest But the correct idiomatic usage is 'give consent'.

**DIRECTIONS** for the question: Fill in the blank with the right options provided.

People who ..... on horses usually lose in the end.

A) gamble B) chance C) risk D) place

**Explanation:-** 'Gamble on' means to place a bet on something. People gamble on horses to win money.

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 151

42, 40, 38, 35, 33, 31, 28, ?, ?

A) 25, 22 B) 26, 23 C) 26, 24 D) 25, 23

**Explanation:-** This is an alternating subtraction series in which 2 is subtracted twice, then 3 is subtracted once, then 2 is subtracted twice, and so on.

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 152

8, 12, 9, 13, 10, 14, 11, ?, ?

A) 14, 11 **S**) 15, 12 C) 8, 15 D) 15, 19

**Explanation:-** This is an alternating addition and subtraction series, in which the addition of 4 is alternated with the subtraction of 3.

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 153

36, 31, 29, 24, 22, 17, 15, ?, ?

A) 13,11 B) 10, 5 C) 13, 8 \(\sqrt{D}\) 10, 8

**Explanation:-** This is an alternating subtraction series, which subtracts 5, then 2, then 5, and so on.

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 154

3, 5, 35, 10, 12, 35, 17, ?, ?

A) 22, 35 B) 35, 19 \(\sqrt{C}\) 19, 35 D) 19, 24

**Explanation:-** This is an alternating addition series, with a random number, 35, interpolated as every third number. The pattern of addition is to +2, +5, +2, and so on. The number 35 comes after each "+2" step.

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 155

13, 29, 15, 26, 17, 23, 19, ?, ?

**Explanation:-** Here, there are two alternating patterns, with every other number following a different pattern. The first pattern begins with 13 and adds 2 to each number to arrive at the next; the alternating pattern begins with 29 and subtracts 3 each time.

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 156

637.28 - 781.47 + 257.39 = ?

√A) 113.20 B) 104.30 C) 122.40 D) 133.50

**Explanation:** 637.28 - 781.47 + 257.39 = x

x = 113.2

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 157

6% of 350 + 2% of 700 = ?% of 1400

A) 2 VB) 2.5 C) 3 D) 4

**Explanation:** 6% of 350 + 2% of 700 = x% of 1400

21+14 = 14x

x = 2.5

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 158

 $4672 \div 40 \div 4 = ?$ 

A) 467.2 B) 29.6 VC) 29.2 D) 368.8

**Explanation:**  $4672 \div 40 \div 4 = x$ 

x = 29.2

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 159

 $7 \times ? = 546 \div 4$ 

A) 24.4 B) 113.5 C) 37.9 VD) 19.5

**Explanation:-**  $7 \times x = 546 \div 4$ 

x = 19.5

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 160

 $672 \div 24 \times 18 + 153 - 345 = ?$ 

A) 311 B) 322 \(\sqrt{C}\) 312 D) 308



**Explanation:**  $672 \div 24 \times 18 + 153 - 345 = x$ 

504 + 153 - 345 = 312

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 161

In a certain code 'best way to win' is written as 'ad mi ja no', ' the way to hell' is written as 'ku ja ig ad'. 'win of the day' is written as 'be ku zo mi' and 'to sell of night' is written as 'be li ya ja'.

What is the code for 'sell'?

A) bi B) li C) ya  $\sqrt{D}$ ) Cannot be determined

### **Explanation:-**

| word | Best | Way | to | win | the | hell | of | day | sell  | night |
|------|------|-----|----|-----|-----|------|----|-----|-------|-------|
| code | no   | Ad  | ja | mi  | ku  | ig   |    | zo  | li/ya | ya/li |

codes of words is above mentioned. The code for sell is li/ya. 'D' option

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 162

In a certain code 'best way to win' is written as 'ad mi ja no', ' the way to hell' is written as 'ku ja ig ad'. 'win of the day' is written as 'be ku zo mi' and 'to sell of night' is written as 'be li ya ja'.

Which of the following may represent 'hell is way'?

A) ig ad no B) ig py ya C) re ad be  $\sqrt{D}$ ) ad re ig

#### **Explanation:-**

| word | Best | Way | to | win | the | hell | of | day |       | night |
|------|------|-----|----|-----|-----|------|----|-----|-------|-------|
| code | no   | Ad  | ja | mi  | ku  | ig   | be | zo  | li/ya | ya/li |

codes of words is above mentioned. The code for 'hell is way' is fourth option, since 'is' is a new word unknown.

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

# Question No.: 163

In a certain code 'best way to win' is written as 'ad mi ja no', ' the way to hell' is written as 'ku ja ig ad'. 'win of the day' is written as 'be ku zo mi' and 'to sell of night' is written as 'be li ya ja'.

'mi' is the code for

A) to  $\sqrt{B}$ ) win C) way D) of

# **Explanation:-**

| word | Best | Way | to | win | the | hell |    | day |       | night |
|------|------|-----|----|-----|-----|------|----|-----|-------|-------|
| code | no   | Ad  | ja | mi  | ku  | ig   | be | zo  | li/ya | ya/li |

codes of words is above mentioned. Theword for code 'mi' is win . option 'B'

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.



In a certain code 'best way to win' is written as 'ad mi ja no', ' the way to hell' is written as 'ku ja ig ad'. 'win of the day' is written as 'be ku zo mi' and 'to sell of night' is written as 'be li ya ja'.

What is the code for' best'?

A) ad B) mi **√**C) no D) ja

**Explanation:-**

| word | Best | Way | to | win | the | hell | of | day | sell  | night |
|------|------|-----|----|-----|-----|------|----|-----|-------|-------|
| code | no   | Ad  | ja | mi  | ku  | ig   | be | zo  | li/ya | ya/li |

codes of words is above mentioned. The code for 'best' is 'no'. 'C' option

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

**Question No.: 165** 

In a certain code 'best way to win' is written as 'ad mi ja no', ' the way to hell' is written as 'ku ja ig ad'. 'win of the day' is written as 'be ku zo mi' and 'to sell of night' is written as 'be li ya ja'.

Which of the following represents 'of the way'?

√A) ku be ad

B) mi be no C) ku be ya D) mi ku be

Explanation:-

| word | Best | Way | to | win | the | hell | of | day | sell  | night |
|------|------|-----|----|-----|-----|------|----|-----|-------|-------|
| code | no   | Ad  | ja | mi  | ku  | ig   | be | zo  | li/ya | ya/li |

codes of words is above mentioned. The code for ,of the way' is 'A'option

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 166

67.39 - 11.78 + 19.63 = ? + 22.41

A) 52.73 √B) 52.83 C) 65.78 D) 64.78

**Explanation:** 67.39 - 11.78 + 19.63 = x + 22.41

x = 52.83

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 167

44% of 125 + 75% of 840 = ?

√C) 685 D) 765 A) 600 B) 666

**Explanation:** 44% of 125 + 75% of 840 = x

or we can apply digit sum method in 44% of 125 + 75% of 840, the digital sum is 1.

Now check the options which option is having digital sum as 1. Which is only in option 3rd.

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 168

 $1.2 * 0.9 \div 0.25 * 24 = ?$ 



A) 204.92 B) 125.92 C) 118.46

.46 🔨D) 103.68

**Explanation:-**  $1.2 * 0.9 \div 0.25 * 24 = x$ 

x = (12\*9\*24)/25 = 103.68

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 169

22% of 250 + 35% of 460 = ?

√A) 216 B) 226 C) 232 D) 242

**Explanation:-** 22% of 250 + 35% of 460 = x

x = 216

Or we can calculate the digital sum of 22% of 250 + 35% of 460, which is 9.

Now we need to check which option is having digital sum as 9. Which is only in option 1.

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 170

 $0.6 * 1.8 \div 0.5 * 12 = ?$ 

A) 24.92 **S**) 25.92 C) 18.46 D) 17.46

**Explanation:-**  $0.6 * 1.8 \div 0.5 * 12 = x$ 

x = (6\*18\*12)/50 = 25.92

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 171

Pb7EN?2L\*eKW8\$=5JD÷V6FG@3CR.

How many such symbols are there in the above series each of which is immediately preceded by a number?

A) 3 B) Nil C) 2 \( \sqrt{D} \) 1

**Explanation:**  $Pb7EN?2L*eKW8$ = 5JD \div V6FG @ 3CR.$ 

Only 8\$ is the only option

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 172

Pb7EN?2L\*eKW8\$ = 5JD ÷ V6FG@3CR.

How many such letters are there in the above series each of which is not immediately preceded by a symbol?

A) 10 B) 9 C) 6  $\sqrt{D}$ ) None of these

**Explanation:**  $Pb7EN?2L*eKW8$ = 5JD \div V6FG @ 3CR.$ 

Pb,7E,EN,2L,eK,KW,5J,JD,6F,FG,CR 11possibilities are there

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 173

Pb7EN?2L\*eKW8\$ = 5JD ÷ V6FG@3CR.

How many such numbers (digits) are there in the above series each of which is immediately followed by a letter but not immediately preceded by a number?

A) Nil B) 2 C) 3 VD) None of these

**Explanation:** Given series is

 $Pb7EN?2L*eKW8$ = 5JD \div V6FG@3CR.$ 

favorable case are

b7Ε,

?2L,

=5*J*,

V6F,

@3C Hence 5 Possibilities.

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 174

Pb7EN?2L\*eKW8\$ = 5JD ÷ V6FG@3CR.

How many such symbols are there in the above series each of which is immediately followed by a letter but not immediately preceded by a number?

A) 1 B) Nil C) 3 √D) 2

**Explanation:**  $Pb7EN?2L*eKW8$ = 5JD \div V6FG @ 3CR.$ 

L\*e,D÷V only 2 possibilities are there

**DIRECTIONS** for the question: Solve the following question and mark the best possible option.

Question No.: 175

Pb7EN?2L\*eKW8\$ = 5JD ÷ V6FG@3CR.

If all the symbols are eliminated from the above series, then which of the following will be the 5th to the right of 10th element from the right end?

A) V ✓B) F C) D D) 6

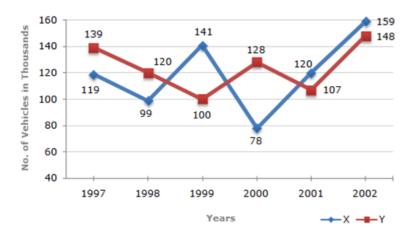
**Explanation:-** After removing symbols remaining are following

Pb7EN2LeKW85JDV6FG3CR

5th to the right of 10th element from the right end will be fifth from right which is 'F'

**DIRECTIONS** for the question: Analyse the graph/s given below and answer the question that follows.

# Number of Vehicles Manufactured by Two companies over the Years (Number in Thousands)



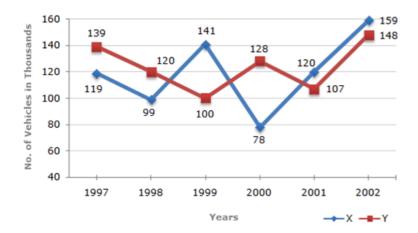
What is the difference between the number of vehicles manufactured by Company Y in 2000 and 2001? A) 50, 000 B) 42, 000 C) 33, 000 ✓D) 21, 000

**Explanation:-** Required difference = (128000 - 107000) = 21000.

**DIRECTIONS** for the question: Analyse the graph/s given below and answer the question that follows.

Question No.: 177

Number of Vehicles Manufactured by Two companies over the Years (Number in Thousands)



What is the difference between the total productions of the two Companies in the given years?

A) 19, 000 B) 22, 000 VC) 26, 000 D) 28, 000

**Explanation:-** From the line-graph it is clear that the productions of Company X in the years 1997, 1998, 1999, 2000, 2001 and 2002 are 119000, 99000, 141000, 78000, 120000 and 159000 and those of Company Y are 139000, 120000, 100000, 128000, 107000 and 148000 respectively.

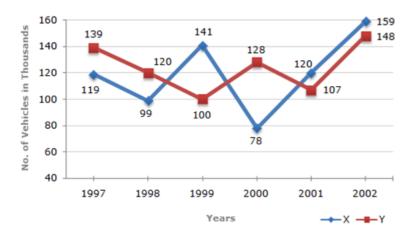
Total production of Company X from 1997 to 2002

- = 119000 + 99000 + 141000 + 78000 + 120000 + 159000 = 716000. and total production of Company Y from 1997 to 2002
- = 139000 + 120000 + 100000 + 128000 + 107000 + 148000
- = 742000.

Difference = (742000 - 716000) = 26000.

**DIRECTIONS** for the question: Analyse the graph/s given below and answer the question that follows.

# Number of Vehicles Manufactured by Two companies over the Years (Number in Thousands)



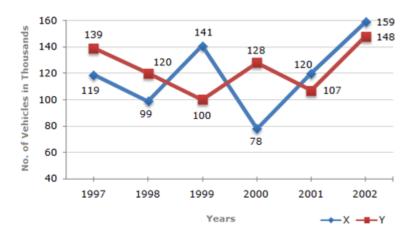
What is the average numbers of vehicles manufactured by Company X over the given period? (Rounded off to nearest integer) √A) 1, 19, 333 B) 1, 13, 666 C) 1, 12, 778 D) 1, 11, 223

**Explanation:-** Average number of vehicles manufactured by Company X = 1/6 \* (119000 + 99000 + 141000 + 78000 + 120000 + 159000) = 119333.

**DIRECTIONS** for the question: Analyse the graph/s given below and answer the question that follows.

Question No.: 179

Number of Vehicles Manufactured by Two companies over the Years (Number in Thousands)



In which of the following years, the difference between the productions of Companies X and Y was the maximum among the given years?

A) 1997 B) 1998 C) 1999 \( \sqrt{D} \) 2000

**Explanation:-** The difference between the productions of Companies X and Y in various years is:

For 1997 (139000 - 119000) = 20000.

For 1998 (120000 - 99000) = 21000.

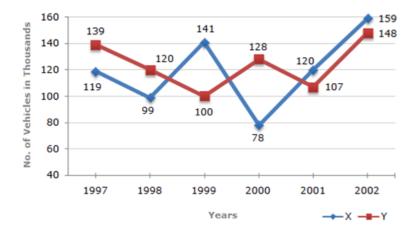
For 1999 (141000 - 100000) = 41000.

For 2000 (128000 - 78000) = 50000.

Clearly, maximum difference was in 2000

**DIRECTIONS** for the question: Analyse the graph/s given below and answer the question that follows.

# Number of Vehicles Manufactured by Two companies over the Years (Number in Thousands)



The production of Company Y in 2000 was approximately what percent of the production of Company X in the same year?

A) 173 ✓B) 164 C) 132 D) 97

**Explanation:-** Required percentage =  $[(128000/78000) \times 100]\% \approx 164\%$ 

**DIRECTIONS** *for the question:* Choose the pair of words which best expresses the relationship similar to that expressed in the capitalized pair.

**Question No.: 181** 

BLIND: VISUAL:: DEAF:?

A) Sound ✓B) Hearing C) Heeding D) Attention

**Explanation:-** Blind has visual impairment. Similarly, a deaf has hearing impairment.

**DIRECTIONS** *for the question:* Choose the pair of words which best expresses the relationship similar to that expressed in the capitalized pair.

Question No.: 182

GENUINE: AUTHENTIC:: MIRAGE:?

A) Reflection B) Hideout  $\checkmark$ C) Illusion D) Image

**Explanation:-** The words in each pair are synonyms of each other

**DIRECTIONS** *for the question:* In this question, the first two words are related in a particular manner. You have to choose a word from the options so that a new pair of words is formed where the relation is the same as in the case of the given pair of words. The question stem has the first word of the second pair. You may have to consider the secondary meaning of certain words while choosing an answer.

Question No.: 183

Ornaments: Gold:: Needle:?

A) Stitch B) Prick \(\sqrt{C}\) Steel D) Thread

**Explanation:-** First is made up of the second.

**DIRECTIONS** *for the question:* Choose the pair of words which best expresses the relationship similar to that expressed in the capitalized pair.

Question No.: 184

RAT: CAT:: WORM:?

√A) Fish B) Earth C) Traffic D) Speed

**Explanation:-** Second feeds on the first.

**DIRECTIONS** *for the question:* Choose the pair of words which best expresses the relationship similar to that expressed in the capitalized pair.

Question No.: 185

CALENDAR: DATES:: DICTIONARY:?

A) Vocabulary B) Language VC) Words D) Book

**Explanation:-** One looks for the second in the first.

**DIRECTIONS** *for the question:* Choose the option which is most **Opposite** in meaning of the underlined word as used in the context of the sentence.

Question No.: 186

He was charged with abetting the murder of an innocent child.

√A) impede B) instigate C) promote D) support

**Explanation:-** Abetting means to encourage or support someone to commit a crime.

Impede means to restrain or regulate, therefore it is the correct answer.

**DIRECTIONS** *for the question:* Choose the option which is most **Opposite** in meaning of the underlined word as used in the context of the sentence.

**Question No.: 187** 

Twenty point programme is aimed at <u>alleviating</u> the sufferings of the poor.

√A) aggravating B) mitigating C) eradicating D) appeasing

Explanation:- Alleviating means to make less severe.

Aggarvating means to make worse.

All other options are synonyms to Alleviating

**DIRECTIONS** *for the question:* Choose the option which is most **Opposite** in meaning of the underlined word as used in the context of the sentence.

Question No.: 188

How dare you desecrate an idol of this temple.

A) defile B) pollute  $\checkmark$ C) deify D) impious

**Explanation:-** Descerate means treat with violent disrespect and

Deify means to worship or regard as God.

Impious is a synonym of descerate

**DIRECTIONS** *for the question:* Choose the option which is most **Opposite** in meaning of the underlined word as used in the context of the sentence.

Question No.: 189

Though generous and benevolent, he did not neet with success in his career.

A) beneficient VB) malevolent C) goodwill D) liberal

Explanation:- Bnevolent means kind hearted whereas malevolent means a person who wishes to do evil to others.

**DIRECTIONS** *for the question:* Choose the option which is most **Similar** in meaning of the underlined word as used in the context of the sentence.

Question No.: 190

There exists rancour between the two brothers.

A) animosity B) harmony C) devotion  $\sqrt{D}$ ) enmity

**Explanation:-** Rancour means bitterness or resentfulness which is synonym to enmity.

**DIRECTIONS** *for the question:* (i) In this section a number of sentences are given. Each sentence has three parts, indicted by (A), (B) and (C). Read each sentence and find out whether there is any error. If you find an error in any one of the parts (A), (B) or (C), indicate your response. You may feel that there is no error in a sentence. In that case letter '(D)' will signify a 'No error' response. (ii) Errors may belong to grammar, usage or idioms.

# Question No.: 191

Without waiting for the instructions from the Government, some cable operators in the city had block the news

A) Without waiting for B) the instructions from the Government,

C) some cable operators in the city had block the news. D) No error

**Explanation:** Change 'had block' into 'have/had blocked' because with have/had we use third form of verb.

**DIRECTIONS** *for the question:* (i) In this section a number of sentences are given. Each sentence has three parts, indicted by (A), (B) and (C). Read each sentence and find out whether there is any error. If you find an error in any one of the parts (A), (B) or (C), indicate your response. You may feel that there is no error in a sentence. In that case letter '(D)' will signify a 'No error' response. (ii) Errors may belong to grammar, usage or idioms.

### Question No.: 192

The authorities have instructed that brief notes must be prepared on all the issues related to customer grievances.

A) The authorities have instructed B) that brief notes must be prepared

C) on all the issues related to customer grievances. VD) No error

**Explanation:-** The sentence is correct as it is.

**DIRECTIONS** *for the question:* Read the sentence to find out whether there is any grammatical error or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. if there is 'No Error" the answer is (D). (Ignore errors of punctuation if any.)



#### Question No.: 193

Hindi films are certainly popular in the last decade but in these days our regional films have attained more popularity.

A) Hindi films are certainly B) popular in the last decade but in these days our regional films

C) have attained more popularity. D) No error

Explanation:- change 'are certainly' into 'had certainly been' as it talks of an action completed in the past.

**DIRECTIONS** *for the question:* Read the sentence to find out whether there is any grammatical error or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. if there is 'No Error" the answer is (D). (Ignore errors of punctuation if any.)

### Question No.: 194

On account of the high land prices we are set up the factory on the outskirts of the city.

A) On account of the high land prices we S) are set up the factory C) on the outskirts of the city D) No error

**Explanation:-** Change 'are set up' into 'have set up'.

**DIRECTIONS** *for the question:* Read the sentence to find out whether there is any grammatical error or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. if there is 'No Error" the answer is (D). (Ignore errors of punctuation if any.)

#### Question No.: 195

Our customers are always visit our branches to discuss their problems with staff.

 $\checkmark$ A) Our customers are always visit B) our branches to discuss their problems C) with staff. D) No error

**Explanation:-** Change 'are always visit' into 'always visit'. Because present habits always take Present Indefinite Tense

**DIRECTIONS** *for the question:* Choose the most logical order of sentences from among the given choices to construct a coherent paragraph.

#### Question No.: 196

- (1) "What is waste of my tax money", I thought, walking past the people having free Californian Chardonnay.
- (2) "Speak to her", he said, "She's into books".
- (3) The friend who had brought me there noticed my noticing her.
- (4) In late 2003, I was still paying taxes in America, so it horrified me that the US Consulate was hosting a "Gallo drinking appreciation event".
- (5) Behind them, a pianist was playing old film tunes, and a slim short woman was dancing around him.

Which of the following would be the Fourth sentence?

A) 1 B) 2 \(\sqrt{C}\) 3 D) 4

**Explanation:**- Sentence 4 will be the opening sentence as the author introduces the idea of paying tax which is discussed in sentence 1. None of the other statements can be opener as they are all dependent sentences. Sentence 1 and 5 form a mandatory pair of noun-pronoun as the word 'them' in sentence 5 refers to 'people' mentioned in sentence 1. Therefore sentence 1 will be second sentence in the paragraph and sentence 5 will be third. Next will be sentence 3 as the friend of author noticed that author was watching 'the lady' who was dancing around the 'Pianist', who was mentioned in sentence 5. Last will come sentence 2 in which the friend asks author to talk to 'the lady' whom he was noticing in sentence 3.



**DIRECTIONS** *for the question:* Choose the most logical order of sentences from among the given choices to construct a coherent paragraph.

#### Question No.: 197

- (1) "What is waste of my tax money", I thought, walking past the people having free Californian Chardonnay.
- (2) "Speak to her", he said, "She's into books".
- (3) The friend who had brought me there noticed my noticing her.
- (4) In late 2003, I was still paying taxes in America, so it horrified me that the US Consulate was hosting a "Gallo drinking appreciation event".
- (5) Behind them, a pianist was playing old film tunes, and a slim short woman was dancing around him.

Which of the following would be the First sentence?

A) 1 B) 2 C) 3 \(\sqrt{D}\) 4

**Explanation:**- Sentence 4 will be the opening sentence as the author introduces the idea of paying tax which is discussed in sentence 1. None of the other statements can be opener as they are all dependent sentences. Sentence 1 and 5 form a mandatory pair of noun-pronoun as the word 'them' in sentence 5 refers to 'people' mentioned in sentence 1. Therefore sentence 1 will be second sentence in the paragraph and sentence 5 will be third. Next will be sentence 3 as the friend of author noticed that author was watching 'the lady' who was dancing around the 'Pianist', who was mentioned in sentence 5. Last will come sentence 2 in which the friend asks author to talk to 'the lady' whom he was noticing in sentence 3.

**DIRECTIONS** *for the question:* Choose the most logical order of sentences from among the given choices to construct a coherent paragraph.

#### Question No.: 198

- (1) "What is waste of my tax money", I thought, walking past the people having free Californian Chardonnay.
- (2) "Speak to her", he said, "She's into books".
- (3) The friend who had brought me there noticed my noticing her.
- (4) In late 2003, I was still paying taxes in America, so it horrified me that the US Consulate was hosting a "Gallo drinking appreciation event".
- (5) Behind them, a pianist was playing old film tunes, and a slim short woman was dancing around him.

Which of the following would be the Fifth (Last) sentence?

**Explanation:** Sentence 4 will be the opening sentence as the author introduces the idea of paying tax which is discussed in sentence 1. None of the other statements can be opener as they are all dependent sentences. Sentence 1 and 5 form a mandatory pair of noun-pronoun as the word 'them' in sentence 5 refers to 'people' mentioned in sentence 1. Therefore sentence 1 will be second sentence in the paragraph and sentence 5 will be third. Next will be sentence 3 as the friend of author noticed that author was watching 'the lady' who was dancing around the 'Pianist', who was mentioned in sentence 5. Last will come sentence 2 in which the friend asks author to talk to 'the lady' whom he was noticing in sentence 3.

**DIRECTIONS** *for the question:* Choose the most logical order of sentences from among the given choices to construct a coherent paragraph.

- (1) "What is waste of my tax money", I thought, walking past the people having free Californian Chardonnay.
- (2) "Speak to her", he said, "She's into books".
- (3) The friend who had brought me there noticed my noticing her.
- (4) In late 2003, I was still paying taxes in America, so it horrified me that the US Consulate was hosting a "Gallo drinking appreciation event".
- (5) Behind them, a pianist was playing old film tunes, and a slim short woman was dancing around him.

# <u>hitbullseye</u>

# **Actual MH-CET 2015**

Which of the following would be the Second sentence?

√A) 1 B) 2 C) 3 D) 4

**Explanation:**- Sentence 4 will be the opening sentence as the author introduces the idea of paying tax which is discussed in sentence 1. None of the other statements can be opener as they are all dependent sentences. Sentence 1 and 5 form a mandatory pair of noun-pronoun as the word 'them' in sentence 5 refers to 'people' mentioned in sentence 1. Therefore sentence 1 will be second sentence in the paragraph and sentence 5 will be third. Next will be sentence 3 as the friend of author noticed that author was watching 'the lady' who was dancing around the 'Pianist', who was mentioned in sentence 5. Last will come sentence 2 in which the friend asks author to talk to 'the lady' whom he was noticing in sentence 3.

**DIRECTIONS** *for the question:* Choose the most logical order of sentences from among the given choices to construct a coherent paragraph.

#### Question No.: 200

- (1) "What is waste of my tax money", I thought, walking past the people having free Californian Chardonnay.
- (2) "Speak to her", he said, "She's into books".
- (3) The friend who had brought me there noticed my noticing her.
- (4) In late 2003, I was still paying taxes in America, so it horrified me that the US Consulate was hosting a "Gallo drinking appreciation event".
- (5) Behind them, a pianist was playing old film tunes, and a slim short woman was dancing around him.

Which of the following would be the Third sentence?

A) 1 B) 2 C) 3 \(\sqrt{D}\) 5

**Explanation:**- Sentence 4 will be the opening sentence as the author introduces the idea of paying tax which is discussed in sentence 1. None of the other statements can be opener as they are all dependent sentences. Sentence 1 and 5 form a mandatory pair of noun-pronoun as the word 'them' in sentence 5 refers to 'people' mentioned in sentence 1. Therefore sentence 1 will be second sentence in the paragraph and sentence 5 will be third. Next will be sentence 3 as the friend of author noticed that author was watching 'the lady' who was dancing around the 'Pianist', who was mentioned in sentence 5. Last will come sentence 2 in which the friend asks author to talk to 'the lady' whom he was noticing in sentence 3.