

IBPS PO PRELIMS (Paper-2)

English Language

Q.1 Read the given passage carefully and answer the following questions. Certain parts have been highlighted to help answer the questions.

By the end of this fiscal year, India may need to recover by approximately a 10% negative swing in its Gross Domestic Product (GDP) growth. No current policymaker or leader has faced such a crisis. India will need to craft a suitable solution to deal with this. Crises provide seasoned politicians the space to overcome resistance from vested interest groups. What measures can India consider to lift the long-run productivity of the economy?

The virus has underscored that the most important market failure in the future is likely to be in respect to access and use of digital technology and data. During the lockdown, those who had smartphones were advantaged; those who didn't suffer. A smart phone permitted access to health care, goods and services, digital payments, re-skilling, and education. The government must help India overcome digital apartheid by introducing a new **paradigm** where every Indian has a smartphone with easy access to data. So we should immediately phase out the sale of feature phones and subsidise smartphones and data packages for Indians. It should also train a woman in every village to teach others how to access the full functionality of a smartphone. As we have proved time and time again, when given the right environment, Indians are quick to learn and prosper.

The virus forced schools and colleges to learn to impart education digitally. Digital learning across primary, secondary, and higher education has the ability to increase flexibility, engage learners, and expand access to more students. Governments should examine best practices for delivering high-quality instruction remotely, supported by trained teachers, holistic student services, and robust online platforms. It will also help reinvent and modernise education. Digital education will be a powerful lever in reducing educational inequality in the medium-term.

Virtual care had its breakout moment with many providers making strides in weeks for what had previously took years or decades. Denmark rolled out virtual consultation software for specialists in two weeks and Queensland Health expanded their virtual care capacity from 90 to 1,600 users. Hence, governments should be bold in what they aim to do. Furthermore, the coronavirus disease has presented a unique opportunity for countries to reflect on the most essential features of their system to improve health outcomes at the same or lower costs.

Both industry and government have had to get _____ with modern ways of working. A simple start would be if paper was removed from all bureaucratic offices. Couldn't all files be moved digitally and digital initials on email become a substitute? Just think of the speed and transparency it would **engender**. Globally, digital transformation has seen rapid progress with governments focusing on building data control towers that aggregate different public and private data sources to aid decision-making and support scenario analysis.

How the current crisis has affected the present healthcare system of the nations?

1. realization of the importance of the medical staff who were ignored before
2. rapid development in various segments of the virtual medical aid
3. helped in discovery of significant loopholes present in the system
4. implementation of data analytics in policy setting
5. None of these.

Ans -2

Solution:From the given options, only (b) is mentioned in the passage. Evidence in support of the given argument can be found in the following statement, '*Virtual care had its breakout moment with many providers making strides in weeks for what had previously took years or decades.*'

Q.2 Read the given passage carefully and answer the following questions. Certain parts have been highlighted to help answer the questions.

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In context of the education system, what steps should the government take to supplement it?

1. developing stable online platforms for the welfare of students
2. substantial investments leading to resilient societies
3. analyzing various techniques of providing high quality education remotely
4. both (a) and (c)
5. None of these.

Ans -4

Solution:Refer to the following statement, '*Governments should examine best practices for delivering high-quality instruction remotely, supported by trained teachers, holistic student services, and robust*

online platforms. From the given statement both (a) and (c) can be inferred clearly and hence, the correct answer choice would be option (d).

Q.3 Read the given passage carefully and answer the following questions. Certain parts have been highlighted to help answer the questions.

By the end of this fiscal year, India may need to recover by approximately a 10% negative swing in its Gross Domestic Product (GDP) growth. No current policymaker or leader has faced such a crisis. India will need to craft a suitable solution to deal with this. Crises provide seasoned politicians the space to overcome resistance from vested interest groups. What measures can India consider to lift the long-run productivity of the economy?

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Which of the following step(s) has/have been suggested in the passage to reduce the digital segregation present in the country?

1. subsidizing sales of smartphones in the country
2. increasing the availability of affordable data packs
3. providing training to individuals to make them full-fledged smartphone users
4. (a), (b) and (c)
5. None of these.

Ans -4

Solution:All of the given steps have been suggested in the passage. Refer to the following statement for supporting evidence, '*we should immediately phase out the sale of feature phones and subsidise smartphones and data packages for Indians. It should also train a woman in every village to teach others how to access the full functionality of a smartphone.*' So, the correct answer choice is option (d).

Q.4 Read the given passage carefully and answer the following questions. Certain parts have been highlighted to help answer the questions.

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Which of the following is similar in meaning to ' **PARADIGM**' as used in the passage?

1. model
2. shift
3. stigma
4. cultural
5. None of these.

Ans -1

Solution:Paradigm means a typical example or pattern of something; a pattern or model. So, from the given options, 'model' is the most appropriate answer choice.

Q.5 Read the given passage carefully and answer the following questions. Certain parts have been highlighted to help answer the questions.

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building data control towers that aggregate different public and private data sources to aid decision-making and support scenario analysis.

In context of the given passage, how having a smartphone in the time of pandemic can be useful?

- (i) making payments digitally
- (ii) availing goods and services
- (iii) access to healthcare and education

1. only (ii)
2. only (i)
3. Both (ii) and (iii)
4. Both (i) and (ii)
5. All of these.

Ans -5

Solution:All of the given benefits have been mentioned in the passage. Refer to the following statement for supporting argument, '*A smart phone permitted access to health care, goods and services, digital payments, re-skilling, and education.*' So, the correct answer choice is option (e).

Q.6 Read the given passage carefully and answer the following questions. Certain parts have been highlighted to help answer the questions.

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In context of the passage, answer how politicians benefit from such crisis?

1. on hand availability of surplus funds to execute their duties
2. presenting opportunity to showcase their perseverance and dedication
3. abundant support from the public for future elections
4. temporary relief from the criticism offered by different opposing groups

5. None of these.

Ans -4

Solution:From the given options, only (d) is mentioned in the passage. For supporting argument refer first paragraph of the passage in which it is mentioned, '*Crises provide seasoned politicians the space to overcome resistance from vested interest groups.*' From given statement option (d) can be inferred clearly and hence the correct answer choice.

Q.7 Read the given passage carefully and answer the following questions. Certain parts have been highlighted to help answer the questions.

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Which of the following is opposite in meaning to ' **ENGENDER**' as used in the passage?

1. protect
2. prevent
3. incite
4. promote
5. None of these.

Ans -2

Solution: Engender means cause or give rise to (a feeling, situation, or condition). So, from the given options, 'prevent' is opposite in meaning to the given word and hence, the correct answer choice. Incite means encourage or stir up

Q.8 Read the given passage carefully and answer the following questions. Certain parts have been highlighted to help answer the questions.

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How digital transformation can aid the governance system of a nation?

1. facilitating market operations in severely hit value chains
2. structural changes leading to creation of bulk of employment opportunities

3. accumulation of public data aiding decision-making processes
4. aiding reskilling of workers in a mission mode
5. None of these.

Ans -3

Solution:From the given options, only option (c) is mentioned in the passage. Evidence supporting the given argument can be found in the following statement, '*Globally, digital transformation has seen rapid progress with governments focusing on building data control towers that aggregate different public and private data sources to aid decision-making and support scenario analysis.*'

Q.9 Read the given passage carefully and answer the following questions. Certain parts have been highlighted to help answer the questions.

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Select appropriate filler for the blank given in the passage.

1. apprehended

2. surge

3. acquainted

4. merge

5. None of these.

Ans -3

Solution:Apprehend means arrest (someone) for a crime.

Surge means move suddenly and powerfully forward or upward.

Acquainted means make someone aware of or familiar with.

Merge means combine or cause to combine to form a single entity.

Going through the meaning of the given options it can be clearly seen that 'acquainted' is the most appropriate filler choice. So, the correct answer choice would be option (c).

Q.10 In the following questions, a grammatically correct and meaningful sentence is given which is divided into four parts (A),(B),(C) and (D). You have to arrange the four parts to make a contextually and grammatically meaningful sentence (the meaning can be different from the one given in the question). If no such rearrangement is possible or the sentence is correct as it is then mark (E) as your answer i.e. 'No rearrangement required'.

- (A) to bolster the covid-19 response
- (B) note of measures taken by the government
- (C) the multilateral lending institution took
- (D) including spending on health care

1. BCDA
2. CBDA
3. ACDB
4. DCAB
5. No rearrangement is required

Ans -2

Solution:Going through the given parts of the sentence we can get an idea that the presented sentence is talking about the surveillance of lending institution on the government to take a note of the spending done by it. So, on the basis of this information it can be clearly seen that the correct arrangement would be CBDA. Hence, the correct answer choice is option (b).

Q.11 In the following questions, a grammatically correct and meaningful sentence is given which is divided into four parts (A),(B),(C) and (D). You have to arrange the four parts to make a contextually and grammatically meaningful sentence (the meaning can be different from the one given in the question). If no such rearrangement is possible or the sentence is correct as it is then mark (E) as your answer i.e. 'No rearrangement required'.

- (A) and the US on the pandemic
- (B) the clash of words on developing
- (C) the vaccine is the latest chapter in the
- (D) ongoing row between China

1. BCDA
2. CBDA
3. ACBD
4. DCAB
5. No rearrangement is required

Ans -1

Solution:Reading through the given parts it can be inferred that given sentence is talking about the war of words between China and the US on the issue of developing vaccine. So, on the basis of this information it can be clearly seen that the correct arrangement would be BCDA. Hence, the correct answer choice is option (a).

Q.12 In the following questions, a grammatically correct and meaningful sentence is given which is divided into four parts (A),(B),(C) and (D). You have to arrange the four parts to make a contextually and grammatically meaningful sentence (the meaning can be different from the one given in the question). If no such rearrangement is possible or the sentence is correct as it is then mark (E) as your answer i.e. 'No rearrangement required'.

- (A) availing a lower corporate tax rate
- (B) on fresh manufacturing investments
- (C) will consider extending the deadline for
- (D) Finance minister said that the government

1. BCDA
2. CBDA
3. ACBD
4. DCAB
5. No rearrangement is required

Ans -4

Solution: Given sentence is presenting us with the statement made by Finance Minister regarding extension of deadline for availing lower corporate tax rate cut. So, on the basis of this information it can be clearly seen that the correct arrangement would be DCAB . Hence, the correct answer choice is option (d).

Q.13 In the following questions, a grammatically correct and meaningful sentence is given which is divided into four parts (A),(B),(C) and (D). You have to arrange the four parts to make a contextually and grammatically meaningful sentence (the meaning can be different from the one given in the question). If no such rearrangement is possible or the sentence is correct as it is then mark (E) as your answer i.e. 'No rearrangement required'.

- (A) operation of bankruptcy code
- (B) the government has now taken a slew
- (C) of measures to improve liquidity for
- (D) businesses and has suspended the

1. BCDA
2. CBDA
3. ACBD
4. DCAB
5. No rearrangement is required

Ans -1

Solution:Reading through the given parts of the sentence we can get an idea that given sentence is talking about the steps taken by the government to improve the liquidity for business. So, on the basis of this information it can be clearly seen that the correct arrangement would be BCDA. Hence, the correct answer choice is option (a).

Q.14 In the following questions, a grammatically correct and meaningful sentence is given which is divided into four parts (A),(B),(C) and (D). You have to arrange the four parts to make a contextually and grammatically meaningful sentence (the meaning can be different from the one given in the question). If no such rearrangement is possible or the sentence is correct as it is then mark (E) as your

answer i.e. 'No rearrangement required'.

(A) shutdown measures to contain it will lead to
(B) a contraction of the global economy by 5.2%
(C) shock of the coronavirus pandemic and
(D) the World Bank said the swift and massive

1. BCDA

2. CBDA

3. ACBD

4. DCAB

5. No rearrangement is required

Ans -4

Solution: Given sentence is presenting us with the statement made by the World Bank in which it is highlighting the effect of pandemic on global economy. So, on the basis of this information it can be clearly seen that the correct arrangement would be DCAB. Hence, the correct answer choice is option (d).

Q.15 In the following questions, a grammatically correct and meaningful sentence is given which is divided into four parts (A),(B),(C) and (D). You have to arrange the four parts to make a contextually and grammatically meaningful sentence (the meaning can be different from the one given in the question). If no such rearrangement is possible or the sentence is correct as it is then mark (E) as your answer i.e. 'No rearrangement required'.

- (A) facilities to all covid-19 patients
- (B) nursing homes situated in the NCT of
- (C) all govt and private hospitals and
- (D) Delhi to extend medical

1. BCDA
2. CBDA
3. ACBD
4. DCAB
5. No rearrangement is required

Ans -2

Solution:Going through the given parts of sentence, we can get an idea that given sentence is talking about the extension of medical facilities of Delhi to all covid-19 patients. So, on the basis of this information it can be clearly seen that the correct arrangement would be CBDA. Hence, the correct answer choice is option (b).

Q.16 Read each of the following four sentences to find out whether there is any grammatical mistake/error in it. Choose the sentence with grammatical error as the correct answer. If all the given sentences are grammatically correct then choose "All are correct"

1. The government has rolled out the facility on the GSTN portal with immediate effect.

2. Defense used the image to distinguish differences among men and women in combat.
3. MGNREGA must be scaled up and made open-ended to meet the massively increased demand.
4. The Goa government changed its standard operating procedure for people entering the state.
5. All are correct.

Ans -2

Solution:Error lies in option (b). In this 'among' should be replaced with 'between' because when we talk about two things we use 'between' but when talk about more than two things 'among' is used and here 'men' and 'women' are used as collective noun.

Q.17 Read each of the following four sentences to find out whether there is any grammatical mistake/error in it. Choose the sentence with grammatical error as the correct answer. If all the given sentences are grammatically correct then choose "All are correct"

1. Google has invested billions of dollars from its search ads business to digitally map the world.
2. Google is adding features on its Maps service to alert users about travel restrictions.
3. The status of the returns filed using the facility can be tracked through the GST portal.
4. A key meeting to figure out the issue will be held on tomorrow.
5. All are correct.

Ans -4

Solution:In sentence (d), remove 'on' before 'tomorrow' because we do not use 'on' before 'tomorrow, Today, Yesterday, Last night, etc.' So, the correct answer choice is option (d).

Q.18 Read each of the following four sentences to find out whether there is any grammatical mistake/error in it. Choose the sentence with grammatical error as the correct answer. If all the given sentences are grammatically correct then choose "All are correct"

1. International cricket will start to get back on its feets following the coronavirus shutdown.
2. I think the whole cricketing world will be grateful to see some cricket again.
3. "Our main objective is to deliver a safe environment for all stakeholders," said Steve Elworthy.
4. Bravo and Hetmyer's absence deprives the tourists of two top-order batsman.
5. All are correct.

Ans -1

Solution:Here, error lies in sentence (a). In this, 'feets' is incorrectly used instead it should be 'feet' because 'feet' is already in plural form (footfeet). So, the correct answer choice is option (a).

Q.19 Read each of the following four sentences to find out whether there is any grammatical mistake/error in it. Choose the sentence with grammatical error as the correct answer. If all the given sentences are grammatically correct then choose “All are correct”

1. A lot has changed at the popular Saravana Bhavan restaurant in Mylapore.
2. Some restaurants have however decided to act cautiously and not reopen.
3. It was a sluggish resumption of dining-in restaurants after over two months of lockdown.
4. The hotel says it laid-off its employees during the lockdown and adds it was a difficult phase.
5. All are correct.

Ans -3

Solution: Here error lies in option (c). In this ‘dining-in’ is incorrectly used instead it should be ‘dine-in’ as it is the correct usage.

Q.20 Read each of the following four sentences to find out whether there is any grammatical mistake/error in it. Choose the sentence with grammatical error as the correct answer. If all the given sentences are grammatically correct then choose “All are correct”

1. As New York entered phase one of its reopening, the WHO reported a record number of new cases globally.
2. New York City began partially reopening it's shattered economy after three months of lockdown.
3. Come back to work, but remember to stick to those smart rules that got us this far.
4. Some 400,000 New Yorkers were allowed to return to work.
5. All are correct.

Ans -2

Solution:Error lies in sentence (b), in this "it's" is incorrectly used, instead it should be "its" because the word it's is always short for 'it is' whereas the word 'its' means 'belonging to it'. So, the correct answer choice is option (b).

Q.21 In the following passage, some of the words are given in bold, each of which is indicated by a number. Find the suitable word from the options given against each number to replace the highlighted incorrect word to make the paragraph meaningfully complete. If the given word is correct, choose option (E) as your answer choice.

For decades, we have been **read (21)** on the received wisdom that fat and cholesterol are bad for health. These two devils, we were warned, not only increase the odds of getting obese, but also make us more **immune (22)** to infirmities of the heart.

Following a comprehensive review of three decades of research on the diet-health connection, US scientists have practically **accused (23)** fat and cholesterol of their supposed sins. This February, experts advising the committee responsible for developing dietary guidelines admitted there was "no appreciable relationship" between dietary cholesterol and blood cholesterol.

A few months earlier, they had **joined (24)** the goodness of low-fat foods by removing the cap on daily intake of total fat. However, artificially produced trans-fats found in many processed foods remain

a/an **alternative**. (25)

1. fed
2. supported
3. informing
4. devising
5. None of these.

Ans -1

Solution: Since the given sentence is talking about the assumption which is passed on to us that fat and cholesterol are bad, it can be seen that 'read' is incorrectly used here. Instead it should be 'fed' which means supply (someone) with (information, ideas, etc.). So, the correct answer choice would be option (a).

Q.22 In the following passage, some of the words are given in bold, each of which is indicated by a number. Find the suitable word from the options given against each number to replace the highlighted incorrect word to make the paragraph meaningfully complete. If the given word is correct, choose option (E) as your answer choice.

For decades, we have been **read (21)** on the received wisdom that fat and cholesterol are bad for health. These two devils, we were warned, not only increase the odds of getting obese, but also make us more **immune (22)** to infirmities of the heart.

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A few months earlier, they had **joined (24)** the goodness of low-fat foods by removing the cap on daily

intake of total fat. However, artificially produced trans-fats found in many processed foods remain a/an **alternative**. (25)

1. susceptibility
2. exposing
3. redundant
4. vulnerable
5. None of these.

Ans -4

Solution:Since the given sentence is talking about the demerits of fat and cholesterol and how it is making us more prone to obesity and health diseases, it can be seen that 'immune' is incorrectly used, instead it should be 'vulnerable' which means exposed to the possibility of being attacked or harmed. So, the correct answer choice would be option (d).

Q.23 In the following passage, some of the words are given in bold, each of which is indicated by a number. Find the suitable word from the options given against each number to replace the highlighted incorrect word to make the paragraph meaningfully complete. If the given word is correct, choose option (E) as your answer choice.

For decades, we have been **read (21)** on the received wisdom that fat and cholesterol are bad for health. These two devils, we were warned, not only increase the odds of getting obese, but also make us more **immune (22)** to infirmities of the heart.

Following a comprehensive review of three decades of research on the diet-health connection, US scientists have practically **accused (23)** fat and cholesterol of their supposed sins. This February, experts

advising the committee responsible for developing dietary guidelines admitted there was “no appreciable relationship” between dietary cholesterol and blood cholesterol.

A few months earlier, they had **joined (24)** the goodness of low-fat foods by removing the cap on daily intake of total fat. However, artificially produced trans-fats found in many processed foods remain a/an **alternative. (25)**

1. reinforced
2. mitigating
3. absolved
4. lightened
5. None of these.

Ans -3

Solution: Taking hint from the next sentence which is talking about the absence of relationship between dietary cholesterol and blood cholesterol. From this we can infer that instead of ‘accused’ it should be ‘absolved’ which means declare (someone) free from guilt, obligation. So, the correct answer choice would be option (c).

Q.24 In the following passage, some of the words are given in bold, each of which is indicated by a number. Find the suitable word from the options given against each number to replace the highlighted incorrect word to make the paragraph meaningfully complete. If the given word is correct, choose option (E) as your answer choice.

For decades, we have been **read (21)** on the received wisdom that fat and cholesterol are bad for health. These two devils, we were warned, not only increase the odds of getting obese, but also make us more **immune (22)** to infirmities of the heart.

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A few months earlier, they had **joined (24)** the goodness of low-fat foods by removing the cap on daily intake of total fat. However, artificially produced trans-fats found in many processed foods remain a/an **alternative. (25)**

1. debunked
2. merged
3. resurfaced
4. highlight
5. None of these.

Ans -1

Solution: Now reading the given paragraph till the given sentence we can get an idea that passage is demystifying the misassumption we had about our food. So, going in accordance with the same theme, it can be seen that ‘joined’ should be replaced with ‘debunked’ which means expose the falseness or hollowness of (an idea or belief). So, the correct answer choice would be option (a).

Q.25 In the following passage, some of the words are given in bold, each of which is indicated by a number. Find the suitable word from the options given against each number to replace the highlighted incorrect word to make the paragraph meaningfully complete. If the given word is correct, choose option (E) as your answer choice.

For decades, we have been **read (21)** on the received wisdom that fat and cholesterol are bad for health. These two devils, we were warned, not only increase the odds of getting obese, but also make us more **immune (22)** to infirmities of the heart.

Following a comprehensive review of three decades of research on the diet-health connection, US scientists have practically **accused (23)** fat and cholesterol of their supposed sins. This February, experts advising the committee responsible for developing dietary guidelines admitted there was “no appreciable relationship” between dietary cholesterol and blood cholesterol.

A few months earlier, they had **joined (24)** the goodness of low-fat foods by removing the cap on daily intake of total fat. However, artificially produced trans-fats found in many processed foods remain a/an **alternative. (25)**

1. solution
2. offender
3. knot
4. menacing
5. None of these.

Ans -2

Solution: Taking hint from the usage of ‘however’ which is used to connect two statements that contrast each other. So, ‘alternative’ is incorrectly used instead it should be ‘offender’. Hence, the correct answer choice is option (b).

Q.26 In each of the question given below, a statement has been given with a blank. four words have been given in the options following the statement. Choose the most appropriate word that could fit in the statement to make it contextually meaningful and grammatically correct.

The Delhi government and the LG have been in a constant _____ in the past over various issues including bureaucratic appointments.

1. mitigation
2. revival
3. tussle
4. reliving
5. None of these.

Ans -3

Solution: Mitigation means the action of reducing the severity.

Revival means an improvement in the condition.

Tussle means vigorous struggle or scuffle

Going through the meaning of the given options, it can be clearly seen that correct filler choice would be 'tussle'. So, the correct answer choice would be option (c).

Q.27 In each of the question given below, a statement has been given with a blank. four words have been given in the options following the statement. Choose the most appropriate word that could fit in the statement to make it contextually meaningful and grammatically correct.

"We have evidence that communist China is trying to _____ us or slow down the research"
Scott said.

1. sabotage

2. mollify
3. facilitate
4. restructure
5. None of these.

Ans -1

Solution: Taking hint from the usage of 'slow down the research' in the later part of the sentence. It can be inferred that intention of China is not good. So, on the basis of this information it can be clearly seen that 'sabotage' which means deliberately destroy, damage, or obstruct (something), is the most appropriate filler choice. So, the correct answer choice is option (a).

Q.28 In each of the question given below, a statement has been given with a blank. four words have been given in the options following the statement. Choose the most appropriate word that could fit in the statement to make it contextually meaningful and grammatically correct.

India significantly _____ its economy with resumption of operations at shopping malls, hotels and restaurants under the first phase.

1. revive
2. objected
3. halted
4. reopened

5. None of these.

Ans -4

Solution: Taking hint from the 'resumption of operations at shopping malls' it can be seen that economic activities in the country has been started. So, on the basis of this information it can be seen that 'reopened' is the most appropriate filler choice.

Q.29 In each of the question given below, a statement has been given with a blank. four words have been given in the options following the statement. Choose the most appropriate word that could fit in the statement to make it contextually meaningful and grammatically correct.

Nearly 2,000 residents of the area have been shifted to four relief camps in view of the _____ which is described as uncontrolled release of gas.

1. blowout
2. pandemic
3. recession
4. disastrous
5. None of these.

Ans -1

Solution: Blowout means an uprush of oil or gas from a well.
Pandemic means (of a disease) prevalent over a whole country or the world.

Recession means a period of temporary economic decline.

Disastrous means causing great damage.

Going through the meaning of the given options and taking hint from the last part of the sentence which is talking about uncontrolled release of gas, it can be clearly seen that 'blowout' is the most appropriate filler choice. So, the correct answer choice would be option (a).

Q.30 In each of the question given below, a statement has been given with a blank. four words have been given in the options following the statement. Choose the most appropriate word that could fit in the statement to make it contextually meaningful and grammatically correct.

Spillovers from contracting global growth and balance sheet stress in the financial sector will also _____ impact activity.

1. trivial
2. majestic
3. adversely
4. inherent
5. None of these.

Ans -3

Solution:Trivial means of little value or importance.

Majestic means having or showing impressive beauty or scale.

Adversely means in a way that prevents success or development; harmfully or unfavorably.

Inherent means existing in something as a permanent

Going through the meaning of the given options and taking hint from the sentence which is talking

about the spillovers of contraction in global growth on the economic activities, it can be clearly seen that 'adversely' is the most appropriate filler choice.

Quantitative Aptitude

Q.31 Find what will come in place of (?) in the following number series.

987, 987, 980, 972, 909, ?

1. 875

2. 890

3. 885

4. 895

5. 880

Ans -3

Solution:

Pattern of series -

$$987 - (1^2 - 1) = 987 - 0 = 987$$

$$987 - (2^3 - 1) = 987 - 7 = 980$$

$$980 - (3^2 - 1) = 980 - 8 = 972$$

$$972 - (4^3 - 1) = 972 - 63 = 909$$

$$909 - (5^2 - 1) = 909 - 24 = 885$$

So, required numbers is 885.

Q.32 Find what will come in place of (?) in the following number series.

564, 142, 73, 76, 156, ?

1. 659

2. 669

3. 639

4. 629

5. 649

Ans -4

Solution:

Pattern of series -

$$564 \times 0.25 + 1 = 141 + 1 = 142$$

$$142 \times 0.5 + 2 = 71 + 2 = 73$$

$$73 \times 1 + 3 = 73 + 3 = 76$$

$$76 \times 2 + 4 = 152 + 4 = 156$$

$$156 \times 4 + 5 = 624 + 5 = 629$$

So, required number is 629.

Q.33 Find what will come in place of (?) in the following number series.

842, 824, 788, 734, 662, ?

1. 572

2. 571

3. 569

4. 568

5. 570

Ans -1

Solution:

Pattern of series –

$$842 - 18 \times 1 = 842 - 18 = 824$$

$$824 - 18 \times 2 = 824 - 36 = 788$$

$$788 - 18 \times 3 = 788 - 54 = 734$$

$$734 - 18 \times 4 = 734 - 72 = 662$$

$$662 - 18 \times 5 = 662 - 90 = 572$$

So, required number is 572.

Q.34 Find what will come in place of (?) in the following number series.

11, 12, 26, 81, 328, ?

1. 1465

2. 1555

3. 1765

4. 1645

5. 1865

Ans -4

Solution:

Pattern of Series –

$$11 \times 1 + 1 = 11 + 1 = 12$$

$$12 \times 2 + 2 = 24 + 2 = 26$$

$$26 \times 3 + 3 = 78 + 3 = 81$$

$$81 \times 4 + 4 = 324 + 4 = 328$$

$$328 \times 5 + 5 = 1640 + 5 = 1645.$$

So, required number is 1645.

Q.35 Find what will come in place of (?) in the following number series.

5, 7, 17, 56, 231, ?

1. 1166

2. 1176

3. 1146

4. 1136

5. 1156

Ans -1

Solution:

Pattern of series -

$$5 \times 1 + 2 = 5 + 2 = 7$$

$$7 \times 2 + 3 = 14 + 3 = 17$$

$$17 \times 3 + 5 = 51 + 5 = 56$$

$$56 \times 4 + 7 = 224 + 7 = 231$$

$$231 \times 5 + 11 = 1155 + 11 = 1166$$

So, required number is 1166.

Q.36 A shopkeeper earns profit of $16\frac{2}{3}\%$ after selling a book at 12.5% discount on the printed price. Then, find the ratio of the cost price & printed price of the book?

1. 1 : 2

2. 2 : 3

3. 3 : 4

4. 4 : 5

5. 5 : 6

Ans -3

Solution:

Let cost price of book be '100x'

So, Selling price of book

$$= 100x \times \left(1 + \frac{50}{300}\right) = \frac{350}{3} x$$

$$\text{Mark price of book} = \frac{350}{3} x \times \frac{100}{87.5} = \frac{400}{3} x$$

$$\therefore \text{Required Ratio} = \frac{100x}{\frac{400}{3}x} = \frac{3}{4}$$

Q.37 A container contains two liquids A and B in the ratio 8 : 5 .When 13 liters of mixture is drawn off and is completely replaced with liquid B, then the ratio of A and B in the container becomes 1 : 1. How many liter of liquid A was in the container initially ?

1. $128/3$ liter

2. 117 liter

3. $134/3$ liter

4. $121/3$ liter

5. 130 liter

Ans -1

Solution:

	A	:	B	
Initially	8	:	5	} 3
	8×1	:	8×1	
Finally	8	:	8	

3 units = 13 liters

16 units = $\frac{13}{3} \times 16$ litres

So, initially total quantity of liquid A

$$= \frac{8}{13} \times \frac{13}{3} \times 16$$

$$= \frac{128}{3} \text{ liters}$$

Or

Let quantity of liquid A & liquid B in the container initially be $8x$ & $5x$ liters respectively.

ATQ,

$$\frac{(8x - 13 \times \frac{8}{13})}{5x + 13 - 13 \times \frac{5}{13}} = \frac{1}{1}$$

$$x = \frac{16}{3} \text{ liters}$$

So, required quantity = $\frac{16}{3} \times 8$

$$= \frac{128}{3} \text{ liters}$$

Q.38 A cricketer had a certain average of runs in 80 innings. In his 81st inning, he is bowled out for no score, due to which his average falls by 1 run. Then, find his new average of runs?

1. 50

2. 60

3. 70

4. 80

5. 90

Ans -4

Solution:

Let his average after 80 innings be 'x'

Atq,

$$80 \times x + 0 = 81 \times (x - 1)$$

$$80x = 81x - 81$$

$$x = 81$$

So, his new average = $81 - 1 = 80$

Q.39 Vikash and Mohit started from point A towards point Q. Distance between A and Q is 9 km. If Mohit starts after 4 min., then he will meet Vikash 1 km away from point Q at a time when Vikash is returning towards point A after reaching point Q and Vikash can cover 1 km in 6 min. find speed of Mohit in km/min.

1. $1/7$

2. $1/8$

3. $\frac{1}{9}$

4. $\frac{1}{6}$

5. $\frac{1}{12}$

Ans -1

Solution:

Total distance covered by Vikash = $9+1=10$ km.

Time taken by Vikash = 10×6

= 60 min

So, time taken by Mohit = $60-4=56$ min

Distance covered by Mohit = $9-1$
= 8 km

$$\text{Speed of Mohit} = \frac{8}{56}$$

$$= \frac{1}{7} \text{ km/min.}$$

Q.40 A Boat is moving in downstream and speed of Boat in still water is 5 times speed of current. After 16 km due to technical problem speed of boat (in still water) reduced by 20 % and it cover 40 km distance with this speed. If average speed of whole journey is $\frac{7}{20}$ km/min, then find speed of current.

1. $4\frac{1}{8}$ km/hr

2. $2\frac{7}{10}$ km/hr

3. 4 km/hr

4. 5 km/hr

$$5. \quad 4\frac{3}{8} \text{ km/hr}$$

Ans -3

Solution:

Let speed of current be C km/hr

So, speed of Boat in still water = $5C$ km/hr

After technical problem, speed of Boat

(in still water) = $5C \times \frac{4}{5} = 4C$

ATQ

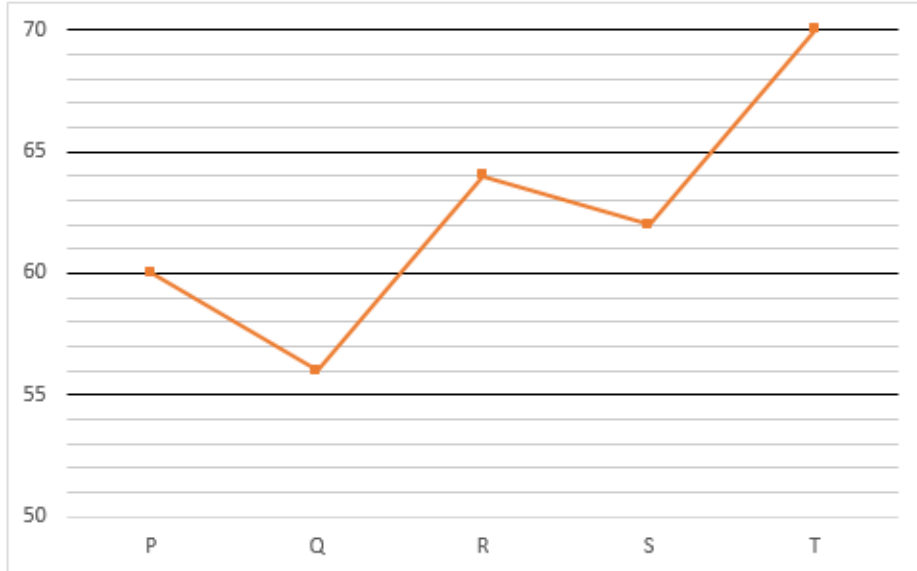
$$\Rightarrow \frac{16}{5C+C} + \frac{40}{4C+C} = \frac{56}{\frac{7}{20} \times 60}$$

$$\Rightarrow \frac{16}{6C} + \frac{40}{5C} = \frac{56}{21}$$

$$\Rightarrow C = 4 \text{ km/hr.}$$

Q.41 Line graph given below shows percentage of students who like PUBG in five different colleges and table shows difference between students who like PUBG and 'Counter strike' in these five colleges. Each of the students in these colleges likes only one of these two games. Read the data carefully and answer the question.

NOTE:- Students in each college either like PUBG or Counter Strike



Colleges	Difference between students who like PUBG and 'Counter strike'
P	400
Q	180
R	672
S	720
T	1440

Find total number of students in the colleges P & T together?

1. 5600
2. 5400
3. 5200
4. 5000
5. 4800

Ans -1

Solution:

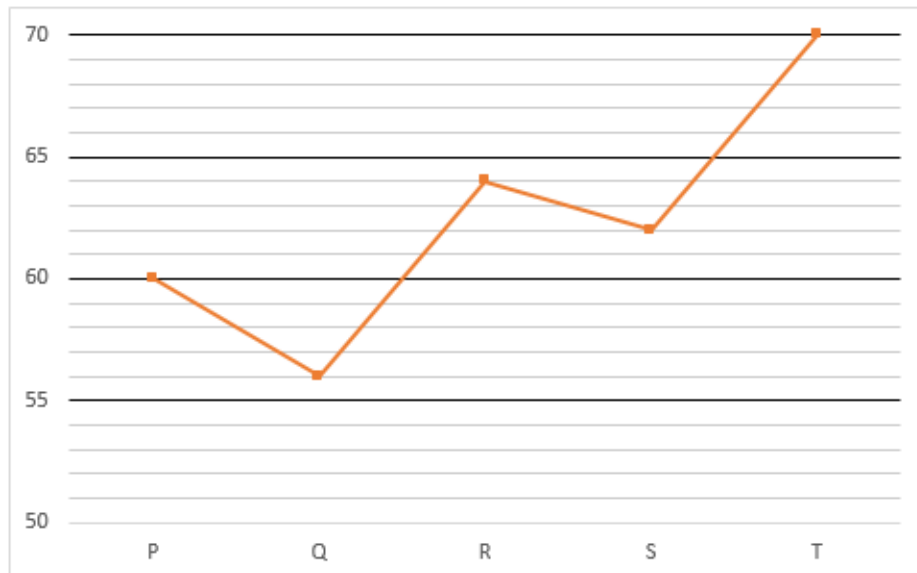
$$\text{Total students in P} = 400 \times \frac{100}{(60-40)} = 2000$$

$$\text{Total students in T} = 1440 \times \frac{100}{(70-30)} = 3600$$

$$\text{Required sum} = 2000 + 3600 = 5600$$

Q.42 Line graph given below shows percentage of students who like PUBG in five different colleges and table shows difference between students who like PUBG and 'Counter strike' in these five colleges. Each of the students in these colleges likes only one of these two games. Read the data carefully and answer the question.

NOTE:- Students in each college either like PUBG or Counter Strike



Colleges	Difference between students who like PUBG and 'Counter strike'
P	400
Q	180
R	672
S	720
T	1440

Total students who like 'Counter strike' in Q are what percent less than total students who like same game in R?

1. $23\frac{13}{18}\%$

2. $23\frac{11}{18}\%$

3. $25\frac{11}{18}\%$

4. $27\frac{11}{18}\%$

5. None of these

Ans -2

Solution:

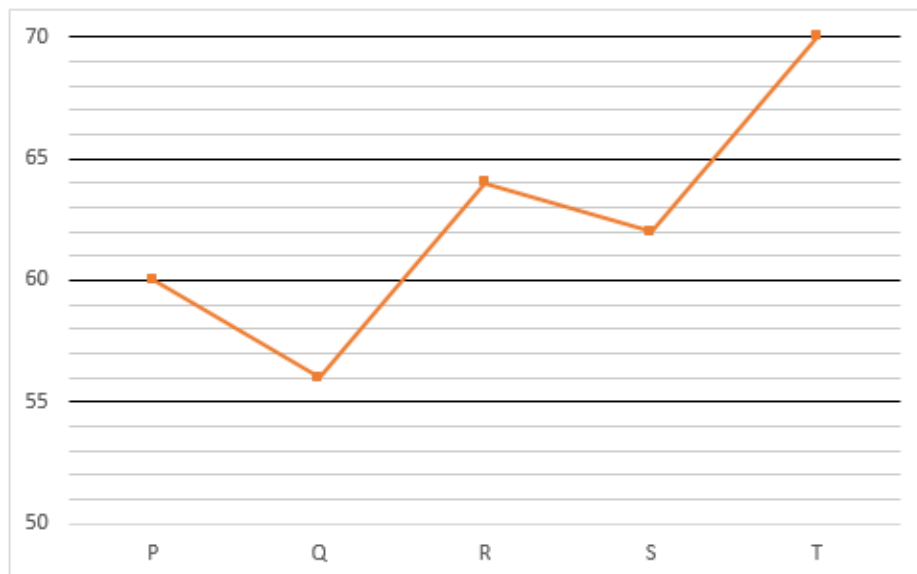
$$\begin{aligned} \text{Total students who like 'Counter strike' in Q} \\ = 180 \times \frac{44}{(56-44)} = 660 \end{aligned}$$

$$\begin{aligned} \text{Total students who like 'Counter strike' in R} \\ = 672 \times \frac{36}{(64-36)} = 864 \end{aligned}$$

$$\begin{aligned} \text{Required percentage} &= \frac{864-660}{864} \times 100 \\ &= \frac{204}{864} \times 100 = 23 \frac{11}{18} \% \end{aligned}$$

Q.43 Line graph given below shows percentage of students who like PUBG in five different colleges and table shows difference between students who like PUBG and 'Counter strike' in these five colleges. Each of the students in these colleges likes only one of these two games. Read the data carefully and answer the question.

NOTE:- Students in each college either like PUBG or Counter Strike



Colleges	Difference between students who like PUBG and 'Counter strike'
P	400
Q	180
R	672
S	720
T	1440

Find average number of students in R, S & T?

1. 2800

2. 3200

3. 3600

4. 3000

5. 3400

Ans -4

Solution:

$$\text{Total students in R} = 672 \times \frac{100}{(64-36)} = 2400$$

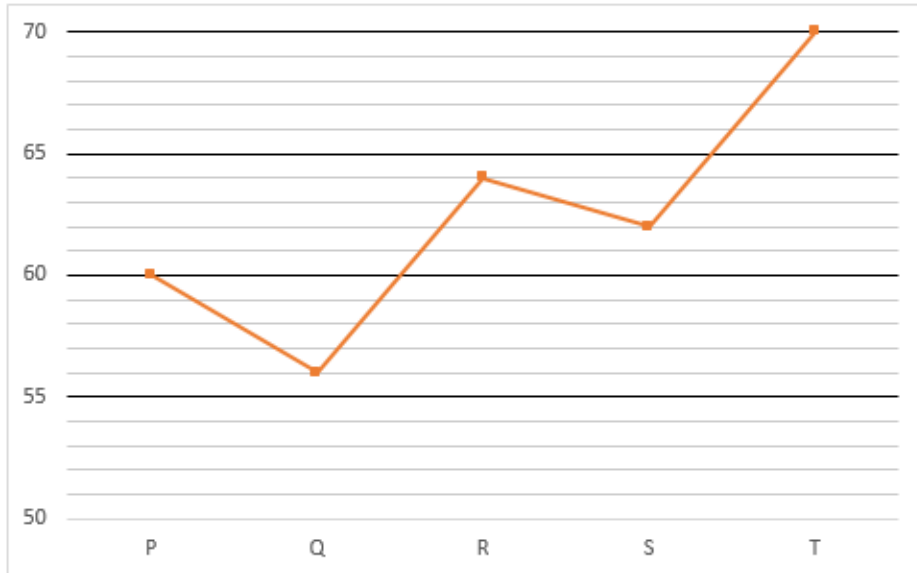
$$\text{Total students in S} = 720 \times \frac{100}{(62-38)} = 3000$$

$$\text{Total students in T} = 1440 \times \frac{100}{(70-30)} = 3600$$

$$\text{Required average} = \frac{(2400+3000+3600)}{3} = 3000$$

Q.44 Line graph given below shows percentage of students who like PUBG in five different colleges and table shows difference between students who like PUBG and 'Counter strike' in these five colleges. Each of the students in these colleges likes only one of these two games. Read the data carefully and answer the question.

NOTE:- Students in each college either like PUBG or Counter Strike



Colleges	Difference between students who like PUBG and 'Counter strike'
P	400
Q	180
R	672
S	720
T	1440

Find the ratio of students who like PUBG in P to that of in T?

1. 10 : 23
2. 10 : 19
3. 10 : 17

4. 10 : 13

5. 10 : 21

Ans -5

Solution:

Total students who like PUBG in P

$$= 400 \times \frac{60}{(60-40)} = 1200$$

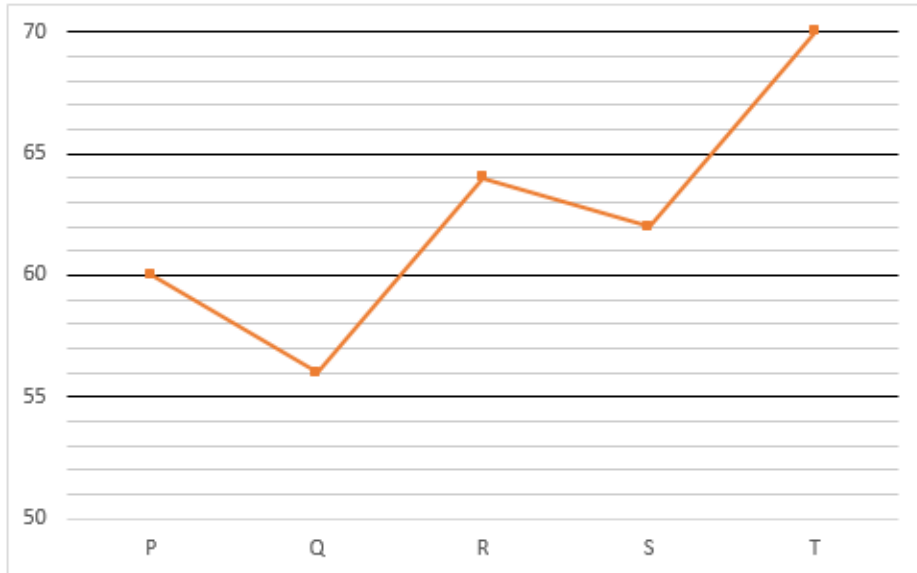
Total students who like PUBG in T

$$= 1440 \times \frac{70}{(70-30)} = 2520$$

$$\text{Required ratio} = \frac{1200}{2520} = 10 : 21$$

Q.45 Line graph given below shows percentage of students who like PUBG in five different colleges and table shows difference between students who like PUBG and 'Counter strike' in these five colleges. Each of the students in these colleges likes only one of these two games. Read the data carefully and answer the question.

NOTE:- Students in each college either like PUBG or Counter Strike



Colleges	Difference between students who like PUBG and 'Counter strike'
P	400
Q	180
R	672
S	720
T	1440

Total students in P & Q together are what percent more than total students in S?

1. $12\frac{1}{2}\%$
2. 14%
3. $16\frac{2}{3}\%$
4. $16\frac{1}{3}\%$
5. 15%

Ans -3

Solution:

$$\text{Total students in P} = 400 \times \frac{100}{(60-40)} = 2000$$

$$\text{Total students in Q} = 180 \times \frac{100}{(56-44)} = 1500$$

$$\text{Total students in S} = 720 \times \frac{100}{(62-38)} = 3000$$

$$\text{Required percentage} = \frac{3500 - 3000}{3000} \times 100 = 16\frac{2}{3}\%$$

Q.46 In each of the following questions two equations are given. Solve these equations and give answer:

I. $6x^2 + 17x + 5 = 0$

II. $2y^2 + 21y + 49 = 0$

1. if $x \geq y$, i.e. x is greater than or equal to y
2. if $x > y$, i.e. x is greater than y
3. if $x \leq y$, i.e. x is less than or equal to y
4. if $x < y$, i.e. x is less than y
5. $x = y$ or no relation can be established between x and y

Ans -2

Solution:

$$\text{I. } 6x^2 + 17x + 5 = 0$$

$$6x^2 + 2x + 15x + 5 = 0$$

$$2x(3x + 1) + 5(3x + 1) = 0$$

$$\therefore x = -\frac{5}{2} \text{ or } -\frac{1}{3}$$

$$\text{II. } 2y^2 + 21y + 49 = 0$$

$$2y^2 + 14y + 7y + 49 = 0$$

$$2y(y + 7) + 7(y + 7) = 0$$

$$y = -7, -\frac{7}{2}$$

$$\Rightarrow x > y$$

Q.47 In each of the following questions two equations are given. Solve these equations and give answer:

$$\text{I. } x^2 - 8x + 15 = 0$$

$$\text{II. } 2y^2 - 5y - 3 = 0$$

1. if $x \geq y$, i.e. x is greater than or equal to y
2. if $x > y$, i.e. x is greater than y
3. if $x \leq y$, i.e. x is less than or equal to y
4. if $x < y$, i.e. x is less than y
5. $x = y$ or no relation can be established between x and y

Ans -1

Solution:

$$\text{I. } x^2 - 8x + 15 = 0$$

$$x^2 - 5x - 3x + 15 = 0$$

$$x(x - 5) - 3(x - 5) = 0$$

$$\therefore x = 3 \text{ or } 5$$

$$\text{II. } 2y^2 - 5y - 3 = 0$$

$$2y^2 - 6y + y - 3 = 0$$

$$2y(y - 3) + 1(y - 3) = 0$$

$$y = 3 \text{ or } -\frac{1}{2}$$

$$\therefore x \geq y$$

Q.48 In each of the following questions two equations are given. Solve these equations and give answer:

$$\text{I. } 5x^2 + 11x + 2 = 0$$

$$\text{II. } 4y^2 + 13y + 3 = 0$$

1. if $x \geq y$, i.e. x is greater than or equal to y
2. if $x > y$, i.e. x is greater than y
3. if $x \leq y$, i.e. x is less than or equal to y
4. if $x < y$, i.e. x is less than y
5. $x = y$ or no relation can be established between x and y

Ans -5

Solution:

I. $5x^2 + 11x + 2 = 0$

$5x^2 + 10x + x + 2 = 0$

$5x(x + 2) + 1(x + 2) = 0$

$x = -2$ or $-\frac{1}{5}$

II. $4y^2 + 13y + 3 = 0$

$4y^2 + 12y + y + 3 = 0$

$4y(y + 3) + 1(y + 3) = 0$

$\therefore y = -3$ or $-\frac{1}{4}$

\therefore no relation

Q.49 In each of the following questions two equations are given. Solve these equations and give answer:

I. $4x + 2y = 4$

II. $3x + 5y = 3$

1. if $x \geq y$, i.e. x is greater than or equal to y
2. if $x > y$, i.e. x is greater than y
3. if $x \leq y$, i.e. x is less than or equal to y
4. if $x < y$, i.e. x is less than y
5. $x = y$ or no relation can be established between x and y

Ans -2

Solution:

I. $4x + 2y = 4$...**(i)**

II. $3x + 5y = 3$...**(ii)**

Multiplying (i) by 5 & (ii) by 2 and on solving

$x = 1, y = 0$

$\therefore x > y$

Q.50 In each of the following questions two equations are given. Solve these equations and give answer:

I. $6x^2 + x - 15 = 0$

II. $4y^2 - 24y + 35 = 0$

1. if $x \geq y$, i.e. x is greater than or equal to y
2. if $x > y$, i.e. x is greater than y
3. if $x \leq y$, i.e. x is less than or equal to y
4. if $x < y$, i.e. x is less than y
5. $x = y$ or no relation can be established between x and y

Ans -4

Solution:

$$\text{I. } 6x^2 + x - 15 = 0$$

$$6x^2 - 9x + 10x - 15 = 0$$

$$3x(2x - 3) + 5(2x - 3) = 0$$

$$\therefore x = \frac{3}{2} \text{ or } -\frac{5}{3}$$

$$\text{II. } 4y^2 - 24y + 35 = 0$$

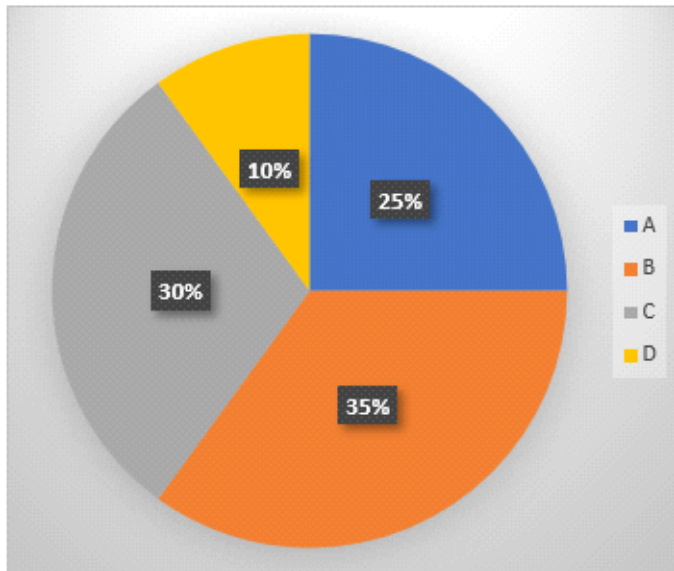
$$4y^2 - 14y - 10y + 35 = 0$$

$$2y(2y - 7) - 5(2y - 7) = 0$$

$$\therefore y = \frac{7}{2} \text{ or } \frac{5}{2}$$

$$\therefore y > x$$

Q.51 Pie chart shows income distribution of four earning member of a family out of total family income in the year 2016. Read the data carefully and answer the questions.



If A and C spend 80% and 60% of their income respectively and total saving of both is Rs. 40800, then find the income of C?

1. 72000 Rs.

2. 78000 Rs.

3. 54000 Rs.

4. 90000 Rs.

5. 60000 Rs.

Ans -1

Solution:

Let total income = $100x$

ATQ -

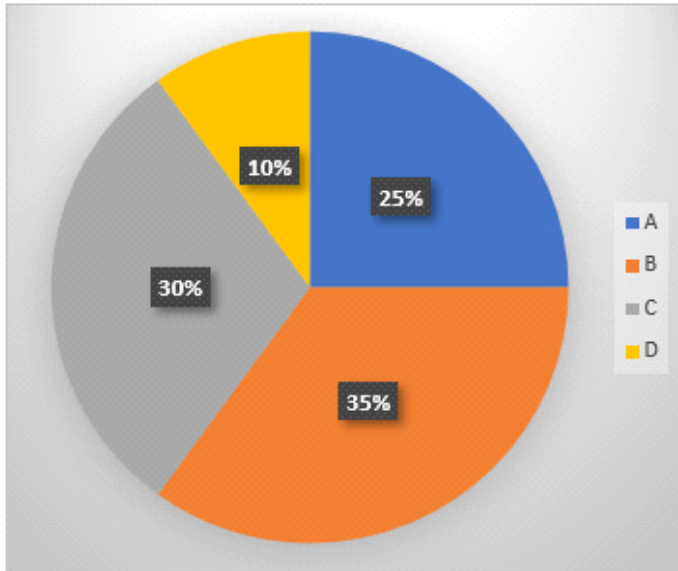
$$100x \times \left(\frac{25}{100} \times \frac{20}{100} + \frac{30}{100} \times \frac{40}{100} \right) = 40800$$

$$17x = 40800$$

$$x = 2400$$

$$\text{Income of C} = 240000 \times \frac{30}{100} = 72000 \text{ Rs.}$$

Q.52 Pie chart shows income distribution of four earning member of a family out of total family income in the year 2016. Read the data carefully and answer the questions.



If income of B and D increased by 20% and 40% in the year 2017 over the previous year, then find the ratio of total income of B & D together in 2016 to that of in 2017?

1. 3 : 4
2. 45 : 56
3. 45 : 53
4. 47 : 56
5. 6 : 7

Ans -2

Solution:

Let total income in 2016 = $100n$

Total income of B & D in the year 2016

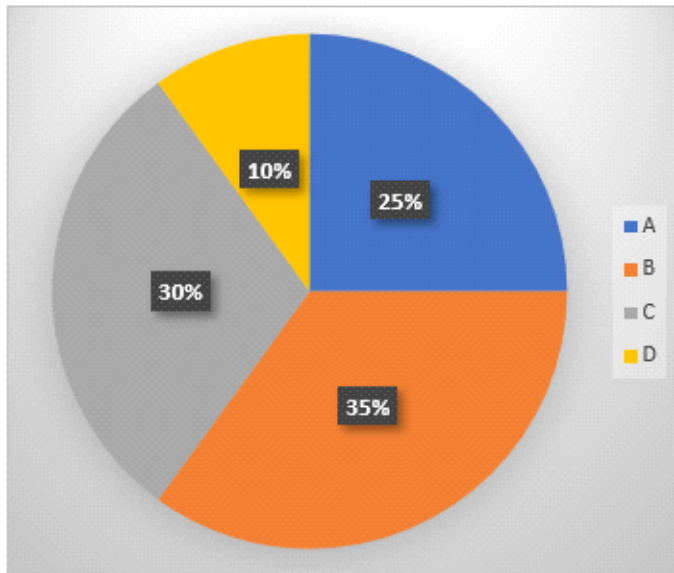
$$= 100n \times \left(\frac{35}{100} + \frac{10}{100} \right) = 45n$$

Total income of B & D in the year 2017

$$= 100n \times \left(\frac{35}{100} \times \frac{120}{100} + \frac{10}{100} \times \frac{140}{100} \right) = 56n$$

$$\text{Required ratio} = \frac{45n}{56n} = 45 : 56$$

Q.53 Pie chart shows income distribution of four earning member of a family out of total family income in the year 2016. Read the data carefully and answer the questions.



If expenditure of A and B is same, then find difference between saving of A and B is what percent of income of D?

1. 112%

2. 125%

3. 150%

4. 100%

5. 80%

Ans -4

Solution:

Let total income = $100b$

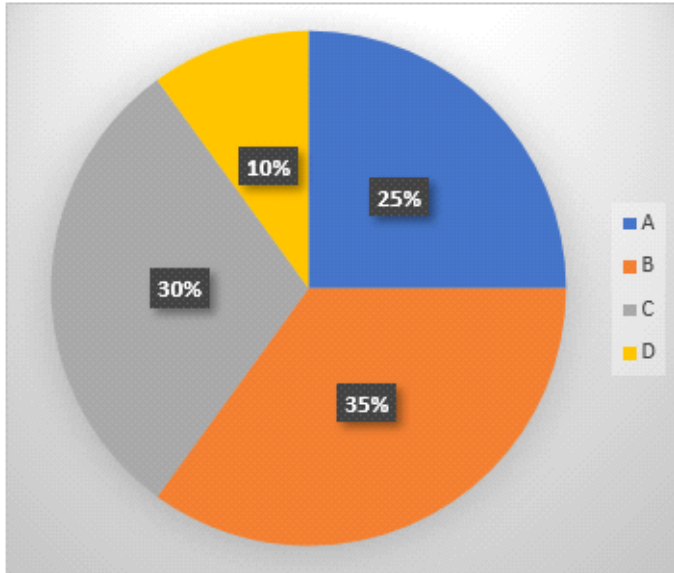
And total expenditure of each A & B be 'E'

ATQ -

$$\text{Required percent} = \frac{(35b - E) - (25b - E)}{10b} \times 100$$

$$= \frac{10b}{10b} \times 100 = 100\%$$

Q.54 Pie chart shows income distribution of four earning member of a family out of total family income in the year 2016. Read the data carefully and answer the questions.



If difference between income of A & D is Rs. 30000 in 2016 and income of B & C increased by 40% and 20% respectively in the year 2017 over 2016, then find difference between income of B & C in the year 2017?

1. 24000 Rs.
2. 26000 Rs.
3. 20000 Rs.
4. 28000 Rs.
5. 32000 Rs.

Ans -2

Solution:

Let total income = $100x$

ATQ –

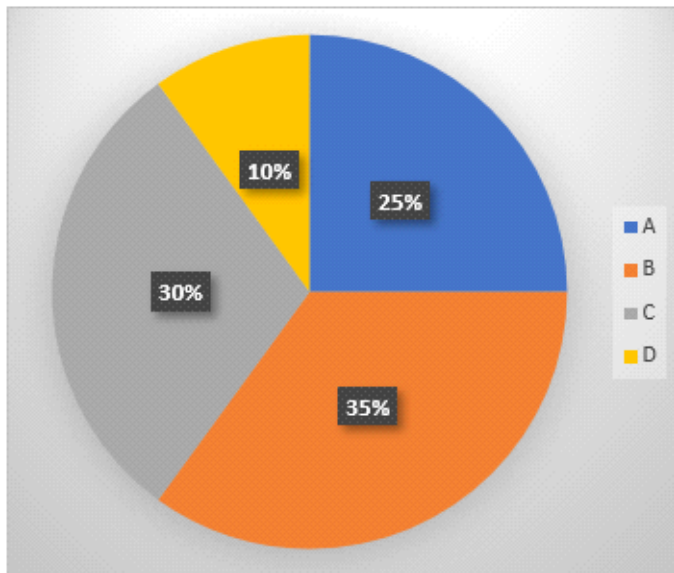
$$25x - 10x = 30000$$

$$x = 2000$$

Required difference

$$= 200000 \left(\frac{35}{100} \times \frac{140}{100} - \frac{30}{100} \times \frac{120}{100} \right) = 26000 \text{ Rs.}$$

Q.55 Pie chart shows income distribution of four earning member of a family out of total family income in the year 2016. Read the data carefully and answer the questions.



What will be central angle for income of A & D together?

1. 128°

2. 136°

3. 126°

4. 144°

5. 120°

Ans -3

Solution:

Let total income = $100x$

Total income of A & D = $35x$

Required angle = $\frac{35x}{100x} \times 360 = 126^\circ$

Q.56 What approximate value should come in the place of question (?) mark:

$$? \% \text{ of } 224.99 + 19.01 \% \text{ of } 699.98 = (15.99)^2 - 30.01\% \text{ of } 289.99$$

1. 18

2. 16

3. 12

4. 10

5. 8

Ans -2

Solution:

$$\frac{?}{100} \times 225 + \frac{19}{100} \times 700 = 256 - \frac{30}{100} \times 290$$

$$\frac{?}{100} \times 225 = 169 - 133$$

$$\frac{?}{100} \times 225 = 36$$

$$? = \frac{3600}{225}$$

$$? = 16$$

Q.57 What approximate value should come in the place of question (?) mark:

$$?^3 + (18.01)^2 = 59.99\% \text{ of } 899.93$$

1. 5

2. 4

3. 2

4. 6

5. 3

Ans -4

Solution:

$$?^3 + 324 = \frac{60}{100} \times 900$$

$$?^3 = 540 - 324$$

$$?^3 = 216$$

$$?^3 = (6)^3$$

$$? = 6$$

Q.58 What approximate value should come in the place of question (?) mark:

$$\frac{87.01 \times 7.98}{?} + 7.99\% \text{ of } 1149.98 = (18.01)^2$$

1. 3

2. 27

3. 12

4. 6

5. 9

Ans -1

Solution:

$$\frac{87 \times 8}{?} + \frac{8}{100} \times 1150 = 324$$

$$\frac{87 \times 8}{?} = 324 - 92$$

$$? = \frac{696}{232}$$

$$? = 3$$

Q.59 What approximate value should come in the place of question (?) mark:

$$(2)^? \% \text{ of } 499.99 + \sqrt{1296.01} = (13.98)^2$$

1. 4

2. 2

3. 5

4. 6

5. 3

Ans -3

Solution:

$$\frac{2^?}{100} \times 500 + 36 = 196$$

$$\frac{2^?}{100} \times 500 = 160$$

$$2^? = 32$$

$$2^? = (2)^5$$

$$? = 5$$

Q.60 What approximate value should come in the place of question (?) mark:

$$?^2 + 439.08 - 40.011\% \text{ of } 899.99 = 7.99\% \text{ of } 2500.008$$

1. 9

2. 11

3. 16

4. 13

5. 12

Ans -2

Solution:

$$?^2 + 439 - \frac{40}{100} \times 900 = \frac{8}{100} \times 2500$$

$$?^2 + 79 = 200$$

$$?^2 = 121$$

$$?^2 = (11)^2$$

$$? = 11$$

Q.61 Hemant purchased some book and by selling 40% of total books he will get cost price of 80% books. If he sells 70% of remaining books at half of its initial profit percent and rest of the books remain unsold, find his overall profit %.

1. 40%

2. 45%

3. 75%

4. 43%

5. 63%

Ans -4

Solution:

Let total book = $100x$

ATQ

S.P of 40% books = C.P of 80% books

$$\frac{S.P}{C.P} = \frac{2}{1}$$

Let C.P and S.P of a book be a and $2a$ respectively.

Then profit percent on selling 40% books = $\frac{2a-a}{a} \times 100 = 100\%$

S.P for 70% of remaining books = $a \times \frac{150}{100} = 1.5a$

Total S.P = $40x \times 2a + \frac{70}{100} \times 60x \times 1.5a = 143ax$

Actual profit % = $\frac{143ax-100ax}{100ax} \times 100 = 43\%$

Q.62 Shubham work for 5 days and remaining work was completed by Harvinder in 9 days. If Harvinder work for 12 days then remaining work was completed by Shubham in 3 days, then find how much time Harvinder will take to complete the work alone.

1. 11 days

2. $16\frac{1}{2}$ days

3. $16\frac{2}{3}$ days

4. $11\frac{1}{2}$ days

5. $6\frac{3}{5}$ days

Ans -2

Solution:

Let efficiency of Shubham and Harvinder be S & H respectively.

ATQ

$$5S + 9H = 12H + 3S$$

$$2S = 3H$$

$$\frac{S}{H} = \frac{3}{2}$$

Let S & H be $3a$ & $2a$ respectively.

So, total work = $5 \times 3a + 9 \times 2a = 33a$

Time taken by Harvinder to complete the work while working alone = $\frac{33a}{2a} = 16\frac{1}{2}$ days

Q.63 A, B & C enters into a partnership with a total capital of Rs. 11800. A's Capital is Rs. 2000 more than B's & Rs. 3000 less than C. At the end of the year, what is B's share in the profit if total profit is Rs. 35400.

1. Rs. 14800
2. Rs. 6600
3. Rs. 10800
4. Rs. 19800
5. Rs. 4800

Ans -5

Solution:

Total Capital,

$$A + B + C = \text{Rs. } 11800 \quad - \text{ (i)}$$

$$A = B + 2000 \quad - \text{ (ii)}$$

$$A = C - 3000 \quad - \text{ (iii)}$$

So, From (i), (ii) and (iii)

$$A + A - 2000 + A + 3000 = 11800$$

$$A = \frac{10800}{3} = 3600$$

So, share of A, B and C in investment is Rs. 3600,

Rs. 1600 & Rs. 6600 respectively.

Now, Ratio of profit of A, B and C = 3600 : 1600 : 6600

$$= 18 : 8 : 33$$

As, 59 units = 35400

$$1 \text{ Unit} = 600$$

∴ Profit of B = 600 × 8 = Rs. 4800

Q.64 If three coins are tossed simultaneously, find the probability of getting minimum 2 head at a time.

1. $\frac{1}{2}$

2. $\frac{3}{8}$

3. $\frac{5}{8}$

4. $\frac{3}{4}$

5. $\frac{7}{8}$

Ans -1

Solution:

$$\text{Total Possible outcome} = 2^3 = 8$$

$$\text{Possible outcome} = 4 \text{ (HHH, THH, HHT, HTH)}$$

$$\text{Required Probability} = \frac{4}{8} = \frac{1}{2}$$

Q.65 Dharam invested Rs.10000 in two schemes for two years and both schemes offer R% S.I. If difference between S.I. earned on both schemes is Rs.480 and ratio of interest earned from both schemes is 3 : 2. Then, find the value of R.

1. 15 %

2. 10 %

3. 20 %

4. 16 %

5. 12%

Ans -5

Solution:

Let amount invested in one scheme be Rs. x

So, amount invested in another scheme = Rs. $(10000 - x)$

ATQ,

$$\frac{x \times R \times 2}{100} - \frac{(10000 - x) \times R \times 2}{100} = 480 \quad \dots (i)$$

And

$$\frac{\frac{x \times R \times 2}{100}}{\frac{(10000 - x) \times R \times 2}{100}} = \frac{3}{2}$$

$$\Rightarrow \frac{x}{(10000 - x)} = \frac{3}{2}$$

$$\Rightarrow x = \text{Rs. } 6000$$

Put value of x in (i)

$$\frac{6000 \times R \times 2}{100} - \frac{(10000 - 6000) \times R \times 2}{100} = 480$$

$$\Rightarrow 120R - 80R = 480$$

$$R = 12\%$$

Reasoning

Q.66 Study the following information carefully and answer the questions given below:

A certain number of persons sit in a straight line. They are facing in the north direction. P sits 3rd from one of the extreme ends. There are two persons sit between Y and P. L is an immediate neighbour of both N and M. Either N or M is an immediate neighbour of Y. There are more than three persons sit between N and P. There is one person sits between N and C. The number of persons sits between M and P is one less than the number of persons sits to the right of C.

If P interchanged his position with N, then who among the following sits 3rd from the left of P?

1. Y

2. M

3. L

4. C

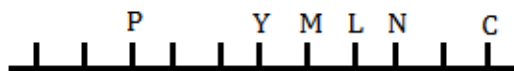
5. N

Ans -1

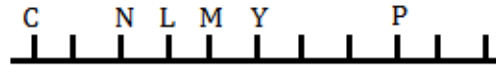
Solution:

From the given statements, P sits 3rd from one of the extreme ends. From here we get two possibilities i.e. Case 1 and Case 2. There are two persons sit between Y and P. L is an immediate neighbor of both N and M. Either N or M is an immediate neighbor of Y. There are more than three persons sit between N and P. There is one person sits between N and C.

Case 1

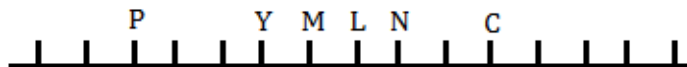


Case 2



From the given statements, the number of persons sits between M and P is one less than the number of persons sits to the right C. Now we can say that Case2 is ruled out now.

So, the final arrangement will be like this-



Q.67 Study the following information carefully and answer the questions given below:

A certain number of persons sit in a straight line. They are facing in the north direction. P sits 3rd from one of the extreme ends. There are two persons sit between Y and P. L is an immediate neighbour of both N and M. Either N or M is an immediate neighbour of Y. There are more than three persons sit between N and P. There is one person sits between N and C. The number of persons sits between M and P is one less than the number of persons sits to the right C.

Who among the following sits exactly between Y and L?

1. P
2. M
3. C
4. N
5. No one

Ans -2

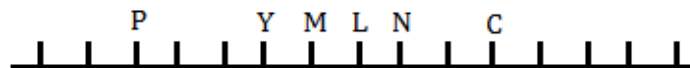
Solution:

From the given statements, P sits 3rd from one of the extreme ends. From here we get two possibilities i.e. Case 1 and Case 2. There are two persons sit between Y and P. L is an immediate neighbor of both N and M. Either N or M is an immediate neighbor of Y. There are more than three persons sit between N and P. There is one person sits between N and C.



From the given statements, the number of persons sits between M and P is one less than the number of persons sits to the right C. Now we can say that Case2 is ruled out now.

So, the final arrangement will be like this-



Q.68 Study the following information carefully and answer the questions given below:

A certain number of persons sit in a straight line. They are facing in the north direction. P sits 3rd from one of the extreme ends. There are two persons sit between Y and P. L is an immediate neighbour of both N and M. Either N or M is an immediate neighbour of Y. There are more than three persons sit between N and P. There is one person sits between N and C. The number of persons sits between M and

P is one less than the number of persons sits to the right C.

How many persons are sitting in straight line?

- 1. 11
- 2. 17
- 3. 15
- 4. 19
- 5. Can't be determined

Ans -3

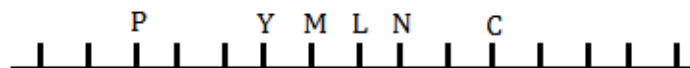
Solution:

From the given statements, P sits 3rd from one of the extreme ends. From here we get two possibilities i.e. Case 1 and Case 2. There are two persons sit between Y and P. L is an immediate neighbor of both N and M. Either N or M is an immediate neighbor of Y. There are more than three persons sit between N and P. There is one person sits between N and C.



From the given statements, the number of persons sits between M and P is one less than the number of persons sits to the right C. Now we can say that Case2 is ruled out now.

So, the final arrangement will be like this-



Q.69 Study the following information carefully and answer the questions given below:

A certain number of persons sit in a straight line. They are facing in the north direction. P sits 3rd from one of the extreme ends. There are two persons sit between Y and P. L is an immediate neighbour of both N and M. Either N or M is an immediate neighbour of Y. There are more than three persons sit between N and P. There is one person sits between N and C. The number of persons sits between M and P is one less than the number of persons sits to the right C.

What is the position of N with respect to Y?

1. 2nd to the left
2. 4th to the right
3. 3rd to the left
4. 2nd to the right
5. None of these

Ans -5

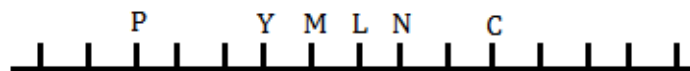
Solution:

From the given statements, P sits 3rd from one of the extreme ends. From here we get two possibilities i.e. Case 1 and Case 2. There are two persons sit between Y and P. L is an immediate neighbor of both N and M. Either N or M is an immediate neighbor of Y. There are more than three persons sit between N and P. There is one person sits between N and C.



From the given statements, the number of persons sits between M and P is one less than the number of persons sits to the right C. Now we can say that Case2 is ruled out now.

So, the final arrangement will be like this-



Q.70 Study the following information carefully and answer the questions given below:

A certain number of persons sit in a straight line. They are facing in the north direction. P sits 3rd from one of the extreme ends. There are two persons sit between Y and P. L is an immediate neighbour of both N and M. Either N or M is an immediate neighbour of Y. There are more than three persons sit between N and P. There is one person sits between N and C. The number of persons sits between M and P is one less than the number of persons sits to the right C.

How many persons sit between P and C, as per the given information?

1. Eight
2. Seven
3. Seventeen
4. Nine
5. None of these

Ans -2

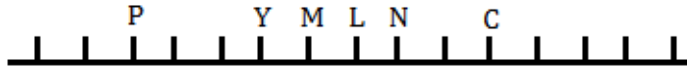
Solution:

From the given statements, P sits 3rd from one of the extreme ends. From here we get two possibilities i.e. Case 1 and Case 2. There are two persons sit between Y and P. L is an immediate neighbor of both N and M. Either N or M is an immediate neighbor of Y. There are more than three persons sit between N and P. There is one person sits between N and C.



From the given statements, the number of persons sits between M and P is one less than the number of

persons sits to the right C. Now we can say that Case2 is ruled out now.
So, the final arrangement will be like this-



Q.71 Study the following information carefully and answer the questions given below:

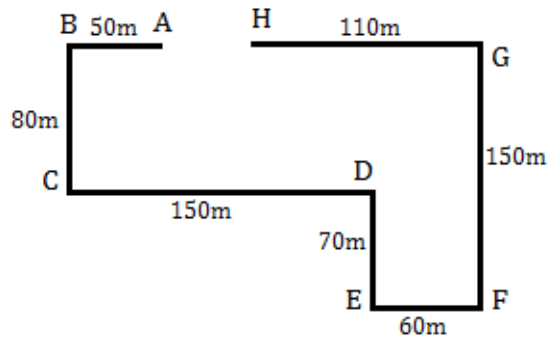
Point H is 110m west from Point G, which is 150m north from Point F. Point B is 50m west from Point A.
Point B is 80m north from Point C. Point D is 150m east from Point C. Point E is 70m south from Point D.
Point F is 60m east from Point E.

What is the direction of Point H with respect to Point E?

1. South-west
2. North-west
3. South
4. North
5. None of these

Ans -2

Solution:



Q.72 Study the following information carefully and answer the questions given below:

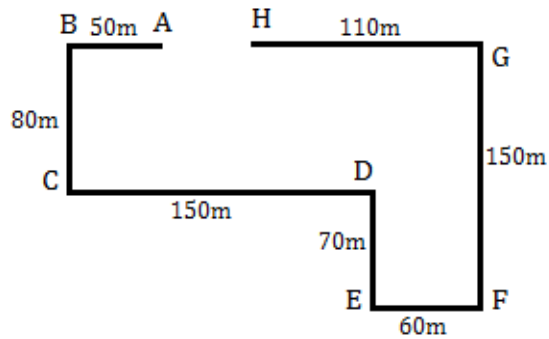
Point H is 110m west from Point G, which is 150m north from Point F. Point B is 50m west from Point A. Point B is 80m north from Point C. Point D is 150m east from Point C. Point E is 70m south from Point D. Point F is 60m east from Point E.

What is the total distance between Point D and point G?

1. 2800m
2. 170m
3. 80m
4. 200m
5. None of these

Ans -5

Solution:



Q.73 Study the following information carefully and answer the questions given below:

There are eight persons namely M, N, O, P, Q, R, S and T are living on four different floors of a building. Ground floor is numbered 1st and top floor is numbered 4th floor. There are two flats on each floor- flat-A and flat-B from west to east such that flat A is west of flat B. Flat-A of second floor is exactly above flat-A of first floor and other flats are placed in the same way.

P lives on the on an even numbered floor. T lives immediate below P's flat. P lives in the west of M. S lives just above the floor in which P lives in the same flat number. N lives to the north west of O. R lives just above O's floor in the same flat number.

Who among the following lives on an odd number floor?

1. S
2. M
3. T
4. Both (a) and (c)
5. None of these

Ans -4

Solution:

P lives in the west of M. P lives on the on an even numbered floor. We have 2 possible cases here. One person lives between P and T.

	CASE 1		CASE 2	
Floor	Flat-A	Flat -B	Flat-A	Flat -B
4	P	M		
3	T		T/	
2			P	M
1			T/	

S lives just above the floor in which P lives in the same flat. So, case 1 gets eliminated. N lives to the north west of O. R lives just above O's floor in the same flat number.

Floor	Flat-A	Flat -B
4	N	R
3	S	O
2	P	M
1	T	Q

Q.74 Study the following information carefully and answer the questions given below:

There are eight persons namely M, N, O, P, Q, R, S and T are living on four different floors of a building. Ground floor is numbered 1st and top floor is numbered 4th floor. There are two flats on each floor- flat-A and flat-B from west to east such that flat A is west of flat B. Flat-A of second floor is exactly above flat-A of first floor and other flats are placed in the same way.

P lives on the on an even numbered floor. T lives immediate below P's flat. P lives in the west of M. S lives just above the floor in which P lives in the same flat number. N lives to the north west of O. R lives just above O's floor in the same flat number.

Who among the following lives to the east of R?

1. Q
2. S
3. N
4. No one
5. None of these

Ans -4

Solution:

P lives in the west of M. P lives on the on an even numbered floor. We have 2 possible cases here. One person lives between P and T.

	CASE 1		CASE 2	
Floor	Flat-A	Flat -B	Flat-A	Flat -B
4	P	M		
3	T		T/	
2			P	M
1			T/	

S lives just above the floor in which P lives in the same flat. So, case 1 gets eliminated. N lives to the north west of O. R lives just above O's floor in the same flat number.

Floor	Flat-A	Flat -B
4	N	R
3	S	O
2	P	M
1	T	Q

Q.75 Study the following information carefully and answer the questions given below:

There are eight persons namely M, N, O, P, Q, R, S and T are living on four different floors of a building. Ground floor is numbered 1st and top floor is numbered 4th floor. There are two flats on each floor- flat-A and flat-B from west to east such that flat A is west of flat B. Flat-A of second floor is exactly above flat-A of first floor and other flats are placed in the same way.

P lives on the on an even numbered floor. T lives immediate below P's flat. P lives in the west of M. S lives just above the floor in which P lives in the same flat number. N lives to the north west of O. R lives just above O's floor in the same flat number.

Who among the following lives in the Flat-B of 4th floor?

1. S
2. R
3. T
4. Q
5. None of these

Ans -2

Solution:

P lives in the west of M. P lives on the on an even numbered floor. We have 2 possible cases here. One person lives between P and T.

	CASE 1		CASE 2	
Floor	Flat-A	Flat -B	Flat-A	Flat -B
4	P	M		
3	T		T/	
2			P	M
1			T/	

S lives just above the floor in which P lives in the same flat. So, case 1 gets eliminated. N lives to the north west of O. R lives just above O's floor in the same flat number.

Floor	Flat-A	Flat -B
4	N	R
3	S	O
2	P	M
1	T	Q

Q.76 Study the following information carefully and answer the questions given below:

There are eight persons namely M, N, O, P, Q, R, S and T are living on four different floors of a building. Ground floor is numbered 1st and top floor is numbered 4th floor. There are two flats on each floor- flat-A and flat-B from west to east such that flat A is west of flat B. Flat-A of second floor is exactly above flat-A of first floor and other flats are placed in the same way.

P lives on the on an even numbered floor. T lives immediate below P's flat. P lives in the west of M. S lives just above the floor in which P lives in the same flat number. N lives to the north west of O. R lives just above O's floor in the same flat number.

Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?

1. Q

2. T

3. S

4. O

5. M

Ans -5

Solution:

P lives in the west of M. P lives on the on an even numbered floor. We have 2 possible cases here. One person lives between P and T.

Floor	CASE 1		CASE 2	
	Flat-A	Flat -B	Flat-A	Flat -B
4	P	M		
3	T		T/	
2			P	M
1			T/	

S lives just above the floor in which P lives in the same flat. So, case 1 gets eliminated. N lives to the north west of O. R lives just above O's floor in the same flat number.

Floor	Flat-A	Flat -B
4	N	R
3	S	O
2	P	M
1	T	Q

Q.77 Study the following information carefully and answer the questions given below:

There are eight persons namely M, N, O, P, Q, R, S and T are living on four different floors of a building. Ground floor is numbered 1st and top floor is numbered 4th floor. There are two flats on each floor- flat-A and flat-B from west to east such that flat A is west of flat B. Flat-A of second floor is exactly above flat-A of first floor and other flats are placed in the same way.

P lives on the on an even numbered floor. T lives immediate below P's flat. P lives in the west of M. S lives just above the floor in which P lives in the same flat number. N lives to the north west of O. R lives just above O's floor in the same flat number.

Which is the odd one?

1. N - R
2. S - O
3. M -Q
4. T - Q
5. P- M

Ans -3

Solution:

P lives in the west of M. P lives on the on an even numbered floor. We have 2 possible cases here. One person lives between P and T.

	CASE 1		CASE 2	
Floor	Flat-A	Flat -B	Flat-A	Flat -B
4	P	M		
3	T		T/	
2			P	M
1			T/	

S lives just above the floor in which P lives in the same flat. So, case 1 gets eliminated. N lives to the north west of O. R lives just above O's floor in the same flat number.

Floor	Flat-A	Flat -B
4	N	R
3	S	O
2	P	M
1	T	Q

Q.78 In these questions, relationship between different elements is shown in the statements. These statements are followed by two conclusions. Mark answer as

Statements:

$L > M \geq N \geq R < G = T, A \geq B > L$

Conclusion

I: $M \geq B$

II: $N \geq A$

1. If only conclusion I follows.

2. If only conclusion II follows.
3. If either conclusion I or II follows.
4. If neither conclusion I nor II follows.
5. If both conclusions I and II follow.

Ans -4

Solution:

I: $M \geq B$ (False)

II: $N \geq A$ (False)

Q.79 In these questions, relationship between different elements is shown in the statements. These statements are followed by two conclusions. Mark answer as

Statements:

$P < Q \geq R > F < G \geq H, S > W > Q$

Conclusion

I: $F > W$

II: $F < W$

1. If only conclusion I follows.
2. If only conclusion II follows.
3. If either conclusion I or II follows.
4. If neither conclusion I nor II follows.

5. If both conclusions I and II follow.

Ans -2

Solution:

I: $F > W$ (False)

II: $F < W$ (True)

Q.80 Six students i.e. M, N, O, P, Q and R are standing in descending order according to the marks they get. N gets more marks than only M. Two students get marks between Q and N. P gets more marks than O but not the highest. Who among the following gets the second highest marks ?

1. Q

2. P

3. Either (a) or (b)

4. R

5. None of these

Ans -1

Solution: $R > Q > P > O > N > M$

Q.81 Study the following information carefully and answer the questions given below:

Eleven boxes are kept one above the other. Five of them have certain number of chocolates kept in it. No two boxes have equal number of chocolates. Three boxes are kept between W and S which has only 3 chocolates in it. Number of chocolates in W is divisible by 5. Number of boxes between S and U is the same as number of boxes between U and X. U which contains double the number of chocolates as S is kept just above Q. X contain odd numbered chocolates. R is kept immediately above W and immediately below V which contains one more chocolate than that of S. Only two boxes are kept between V and Q which is placed above V. Y is placed below V. Sum of all the chocolates from five boxes is 25. T is kept below Z and above P which is kept above V.

How many chocolates does X contain?

1. 11
2. 9
3. 13
4. 7
5. None of these

Ans -4

Solution:

Three boxes are kept between W and S which has only 3 chocolates in it. R is kept immediately above W and immediately below V which contains one more chocolate than that of S means V contains 4 chocolates. Only two boxes are kept between V and Q which is placed above V. U which contains double the number of chocolates as S is kept just above Q. So we have two possible cases:

Case-1		Case-2	
Boxes	Chocolates	Boxes	Chocolates
U	6	U	6
Q		Q	
		S	3
V	4	V	4
R		R	
W		W	
S	3		

Although the positions are not fixed in the above table because no certain position of any box is given so far. Number of boxes between S and U is the same as number of boxes between U and X. So case-1 is eliminated. Y is placed below V. T is kept below Z and above P which is kept above V. Sum of all the chocolates from five boxes is 25. Number of chocolates in W is divisible by 5. X contain odd numbered chocolates means W contains 5 chocolates and X contains 7 chocolates. So the final arrangement is:

Boxes	Chocolates
Z	
X	7
T	
U	6
Q	
S	3
P	
V	4
R	
W	5
Y	

Q.82 Study the following information carefully and answer the questions given below:

Eleven boxes are kept one above the other. Five of them have certain number of chocolates kept in it. No two boxes have equal number of chocolates. Three boxes are kept between W and S which has only 3 chocolates in it. Number of chocolates in W is divisible by 5. Number of boxes between S and U is the same as number of boxes between U and

X. U which contains double the number of chocolates as S is kept just above Q. X contain odd numbered chocolates. R is kept immediately above W and immediately below V which contains one more chocolate than that of S. Only two boxes are kept between V and Q which is placed above V. Y is placed below V. Sum of all the chocolates from five boxes is 25. T is kept below Z and above P which is kept above V.

How many boxes are kept between Y and the one which contains 6 chocolates?

1. Three
2. Four
3. Two
4. None
5. More than four

Ans -5

Solution:

Three boxes are kept between W and S which has only 3 chocolates in it. R is kept immediately above W and immediately below V which contains one more chocolate than that of S means V contains 4 chocolates. Only two boxes are kept between V and Q which is placed above V. U which contains double the number of chocolates as S is kept just above Q. So we have two possible cases:

Case-1		Case-2	
Boxes	Chocolates	Boxes	Chocolates
U	6	U	6
Q		Q	
		S	3
V	4	V	4
R		R	
W		W	
S	3		

Although the positions are not fixed in the above table because no certain position of any box is given so far. Number of boxes between S and U is the same as number of boxes between U and X. So case-1 is eliminated. Y is placed below V. T is kept below Z and above P which is kept above V. Sum of all the chocolates from five boxes is 25. Number of chocolates in W is divisible by 5. X contain odd numbered chocolates means W contains 5 chocolates and X contains 7 chocolates. So the final arrangement is:

Boxes	Chocolates
Z	
X	7
T	
U	6
Q	
S	3
P	
V	4
R	
W	5
Y	

Q.83 Study the following information carefully and answer the questions given below:

Eleven boxes are kept one above the other. Five of them have certain number of chocolates kept in it. No two boxes have equal number of chocolates. Three boxes are kept between W and S which has only 3 chocolates in it. Number of chocolates in W is divisible by 5. Number of boxes between S and U is the same as number of boxes between U and

X. U which contains double the number of chocolates as S is kept just above Q. X contain odd numbered chocolates. R is kept immediately above W and immediately below V which contains one more chocolate than that of S. Only two boxes are kept between V and Q which is placed above V. Y is placed below V. Sum of all the chocolates from five boxes is 25. T is kept below Z and above P which is kept above V.

If X is related to Q, S is related to R then in the same manner, P is related to ____?

1. Y
2. W
3. V
4. T
5. U

Ans -2

Solution:

Three boxes are kept between W and S which has only 3 chocolates in it. R is kept immediately above W and immediately below V which contains one more chocolate than that of S means V contains 4 chocolates. Only two boxes are kept between V and Q which is placed above V. U which contains double the number of chocolates as S is kept just above Q. So we have two possible cases:

Case-1		Case-2	
Boxes	Chocolates	Boxes	Chocolates
U	6	U	6
Q		Q	
		S	3
V	4	V	4
R		R	
W		W	
S	3		

Although the positions are not fixed in the above table because no certain position of any box is given so far. Number of boxes between S and U is the same as number of boxes between U and X. So case-1 is eliminated. Y is placed below V. T is kept below Z and above P which is kept above V. Sum of all the chocolates from five boxes is 25. Number of chocolates in W is divisible by 5. X contain odd numbered chocolates means W contains 5 chocolates and X contains 7 chocolates. So the final arrangement is:

Boxes	Chocolates
Z	
X	7
T	
U	6
Q	
S	3
P	
V	4
R	
W	5
Y	

Q.84 Study the following information carefully and answer the questions given below:

Eleven boxes are kept one above the other. Five of them have certain number of chocolates kept in it. No two boxes have equal number of chocolates. Three boxes are kept between W and S which has only 3 chocolates in it. Number of chocolates in W is divisible by 5. Number of boxes between S and U is the same as number of boxes between U and

X. U which contains double the number of chocolates as S is kept just above Q. X contain odd numbered chocolates. R is kept immediately above W and immediately below V which contains one more chocolate than that of S. Only two boxes are kept between V and Q which is placed above V. Y is placed below V. Sum of all the chocolates from five boxes is 25. T is kept below Z and above P which is kept above V.

Which of the following is/are not a true statement?

1. V contains 4 chocolates.
2. Q sits exactly between X and V.
3. Three boxes are kept below P.
4. Both (a) and (b)
5. X contains more chocolates than U.

Ans -3

Solution:

Three boxes are kept between W and S which has only 3 chocolates in it. R is kept immediately above W and immediately below V which contains one more chocolate than that of S means V contains 4 chocolates. Only two boxes are kept between V and Q which is placed above V. U which contains double the number of chocolates as S is kept just above Q. So we have two possible cases:

Case-1		Case-2	
Boxes	Chocolates	Boxes	Chocolates
U	6	U	6
Q		Q	
		S	3
V	4	V	4
R		R	
W		W	
S	3		

Although the positions are not fixed in the above table because no certain position of any box is given so far. Number of boxes between S and U is the same as number of boxes between U and X. So case-1 is eliminated. Y is placed below V. T is kept below Z and above P which is kept above V. Sum of all the chocolates from five boxes is 25. Number of chocolates in W is divisible by 5. X contain odd numbered chocolates means W contains 5 chocolates and X contains 7 chocolates. So the final arrangement is:

Boxes	Chocolates
Z	
X	7
T	
U	6
Q	
S	3
P	
V	4
R	
W	5
Y	

Q.85 Study the following information carefully and answer the questions given below:

Eleven boxes are kept one above the other. Five of them have certain number of chocolates kept in it. No two boxes have equal number of chocolates. Three boxes are kept between W and S which has only 3 chocolates in it. Number of chocolates in W is divisible by 5. Number of boxes between S and U is the same as number of boxes between U and

X. U which contains double the number of chocolates as S is kept just above Q. X contain odd numbered chocolates. R is kept immediately above W and immediately below V which contains one more chocolate than that of S. Only two boxes are kept between V and Q which is placed above V. Y is placed below V. Sum of all the chocolates from five boxes is 25. T is kept below Z and above P which is kept above V.

If all the boxes are kept in alphabetical order starting from the top to the bottom, then the position of how many boxes will not change?

1. None
2. One
3. Two
4. Three
5. More than three

Ans -1

Solution:

Three boxes are kept between W and S which has only 3 chocolates in it. R is kept immediately above W and immediately below V which contains one more chocolate than that of S means V contains 4 chocolates. Only two boxes are kept between V and Q which is placed above V. U which contains double the number of chocolates as S is kept just above Q. So we have two possible cases:

Case-1		Case-2	
Boxes	Chocolates	Boxes	Chocolates
U	6	U	6
Q		Q	
		S	3
V	4	V	4
R		R	
W		W	
S	3		

Although the positions are not fixed in the above table because no certain position of any box is given so far. Number of boxes between S and U is the same as number of boxes between U and X. So case-1 is eliminated. Y is placed below V. T is kept below Z and above P which is kept above V. Sum of all the chocolates from five boxes is 25. Number of chocolates in W is divisible by 5. X contain odd numbered chocolates means W contains 5 chocolates and X contains 7 chocolates. So the final arrangement is:

Boxes	Chocolates
Z	
X	7
T	
U	6
Q	
S	3
P	
V	4
R	
W	5
Y	

Q.86 Study the following information carefully and answer the questions given below:

In each of the questions below are given some statements followed by some conclusions. 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.

Statements:

Only a few pink is black.

Some black is blue.

No blue is grey.

Conclusions:

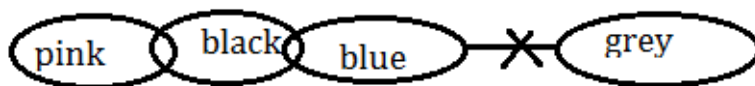
I. All pink being black is a possibility.

II. Some black is not grey.

1. If only conclusion I follows.
2. If only conclusion II follows.
3. If either conclusion I or II follows.
4. If neither conclusion I nor II follows.
5. If both conclusions I and II follow.

Ans -2

Solution:



Q.87 Study the following information carefully and answer the questions given below:

In each of the questions below are given some statements followed by some conclusions. 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.

Statements:

Only water is juice .

Some water is milk.

Some milk is not coffee.

Conclusions:

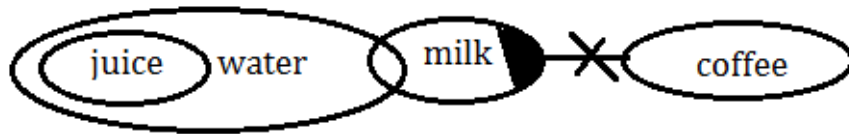
I. Some juice is not milk.

II. Some water Can never be coffee.

1. If only conclusion I follows.
2. If only conclusion II follows.
3. If either conclusion I or II follows.
4. If neither conclusion I nor II follows.
5. If both conclusions I and II follow.

Ans -5

Solution:



Q.88 Study the following information carefully and answer the questions given below:

In each of the questions below are given some statements followed by some conclusions. 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.

Statements:

Only a few pink is black.

Some black is blue. No blue is grey.

Conclusions:

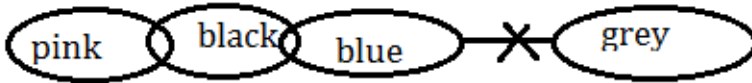
I. Some pink is not black .

II. Some grey is not black.

1. If only conclusion I follows.
2. If only conclusion II follows.
3. If either conclusion I or II follows.
4. If neither conclusion I nor II follows.
5. If both conclusions I and II follow.

Ans -1

Solution:



Q.89 Each of the questions below consists of a question and two statements numbered as I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer.

P, Q, R, S, T and U go to market on different days of the same week starts from Monday and ends on Saturday but not necessarily in the same order. Who among the following goes to market on Monday?

- I. S goes to market before U and after R. Two persons go between U and T. U goes after Thursday.
- II. R goes market just after U. S goes just before Q.

1. If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
2. If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
3. If the data either in statement I alone or in statement II alone are sufficient to answer the question.
4. If the data given in both statements I and II together are not sufficient to answer the question.
5. If the data in both statements I and II together are necessary to answer the question.

Ans -4

Q.90 Each of the questions below consists of a question and two statements numbered as I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer.

Five persons i.e. A, B, C, D and E are standing in a row according to their height in descending order from left to right but not necessarily in the same order. Who among the following is the third tallest?

- I. A is taller than C. C is just taller to E.
- II. At least two persons are taller than A. D is not the tallest.

1. If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
2. If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
3. If the data either in statement I alone or in statement II alone are sufficient to answer the question.
4. If the data given in both statements I and II together are not sufficient to answer the question.
5. If the data in both statements I and II together are necessary to answer the question.

Ans -5

Solution:From both I and II we get to know that A is the third tallest.

B>D>A>C>E

Q.91 Each of the questions below consists of a question and two statements numbered as I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer.

In a family of six members i.e. A, B, C, D, E and F. How is F related to B?

I. A is not married to D. D is uncle of F.

II. C is wife of B. B is child of E.

1. If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
2. If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
3. If the data either in statement I alone or in statement II alone are sufficient to answer the question.
4. If the data given in both statements I and II together are not sufficient to answer the question.
5. If the data in both statements I and II together are necessary to answer the question.

Ans -4

Q.92 Study the given information and answer the following questions.

Six friends i.e. P, Q, R, S, T and U are going for holiday in different months from February to July of the same year but not necessarily in the same order.

Three persons are going for holiday between P and R who goes after May. S goes just before Q but not in April. U goes before T but after February.

Who among the following goes for holiday in May?

1. Q
2. S
3. R
4. None of these
5. U

Ans -5

Solution:

Three persons are going for holiday between P and R who goes after May. S goes just before Q but not in April.

	CASE 1	CASE 2
MONTHS	PERSONS	PERSONS
February	P	
March	S	P
April	Q	
May		S
June	R	Q
July		R

U goes before T but after February. So, case 2 gets eliminated.

MONTHS	PERSONS
February	P
March	S
April	Q
May	U
June	R
July	T

Q.93 Study the given information and answer the following questions.

Six friends i.e. P, Q, R, S, T and U are going for holiday in different months from February to July of the same year but not necessarily in the same order.

Three persons are going for holiday between P and R who goes after May. S goes just before Q but not in April. U goes before T but after February.

Which of the following combination is not true?

1. P- February
2. T-July
3. R- June
4. U- March
5. S-March

Ans -4

Solution:

Three persons are going for holiday between P and R who goes after May. S goes just before Q but not in April.

	CASE 1	CASE 2
MONTHS	PERSONS	PERSONS
February	P	
March	S	P
April	Q	
May		S
June	R	Q
July		R

U goes before T but after February. So, case 2 gets eliminated.

MONTHS	PERSONS
February	P
March	S
April	Q
May	U
June	R
July	T

Q.94 Study the given information and answer the following questions.

Six friends i.e. P, Q, R, S, T and U are going for holiday in different months from February to July of the same year but not necessarily in the same order.

Three persons are going for holiday between P and R who goes after May. S goes just before Q but not in April. U goes before T but after February.

Who among the following goes just before T?

1. R

2. P

3. Q

4. None of these

5. Both (b) and (c)

Ans -1

Solution:

Three persons are going for holiday between P and R who goes after May. S goes just before Q but not in April.

	CASE 1	CASE 2
MONTHS	PERSONS	PERSONS
February	P	
March	S	P
April	Q	
May		S
June	R	Q
July		R

U goes before T but after February. So, case 2 gets eliminated.

MONTHS	PERSONS
February	P
March	S
April	Q
May	U
June	R
July	T

Q.95 Study the given information and answer the following questions.

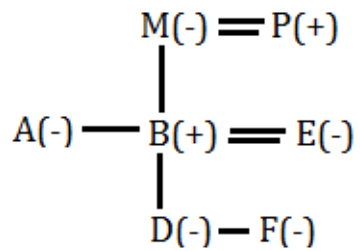
In a family of seven members, A is the sister of B. B is the father of D. E is mother of D. F is sibling of D. M is mother of B. P is parent of A. There are five female members in the family.

How is F related to A?

1. Niece
2. Father
3. Nephew
4. Brother
5. None of these

Ans -1

Solution:



Q.96 Study the given information and answer the following questions.

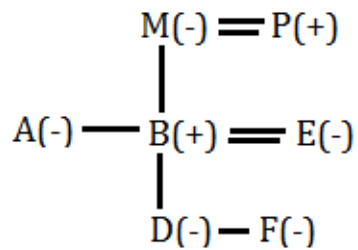
In a family of seven members, A is the sister of B. B is the father of D. E is mother of D. F is sibling of D. M is mother of B. P is parent of A. There are five female members in the family.

How is M related to D?

1. Daughter
2. Sister
3. Grand mother
4. Either (a) or (c)
5. Mother

Ans -3

Solution:



Q.97 A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement.

Input: bad 49 member 14 globe 35 relative 61 good 21

Step I: relative bad 49 member globe 35 61 good 21 14

Step II: relative member bad 49 globe 35 61 good 14 21

Step III: relative member globe bad 49 61 good 14 21 35

Step IV: relative member globe good bad 61 14 21 35 49

Step V: relative member globe good bad 14 21 35 49 61

Answer the following questions based on the following input: -

Input: group 47 remember 11 stop 29 gap heaven 33

Which among the following is 3rd to the right of the element which is 2nd from left end in step II?

1. group
2. 47
3. stop
4. gap
5. None of these

Ans -3

Solution:Logic: Both words and numbers are arranged in each step.

Words- In descending order from left as per the number of alphabets present in each word. Numbers- In ascending order from right.

Input: group 47 remember 11 stop 29 gap heaven 33

Step I: remember group 47 stop 29 gap heaven 33 11

Step II: remember heaven group 47 stop gap 33 11 29

Step III: remember heaven group stop 47 gap 11 29 33

Step IV: remember heaven group stop gap 11 29 33 47

Step IV is final step.

Q.98 A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement.

Input: bad 49 member 14 globe 35 relative 61 good 21

Step I: relative bad 49 member globe 35 61 good 21 14

Step II: relative member bad 49 globe 35 61 good 14 21

Step III: relative member globe bad 49 61 good 14 21 35

Step IV: relative member globe good bad 61 14 21 35 49

Step V: relative member globe good bad 14 21 35 49 61

Answer the following questions based on the following input: -

Input: group 47 remember 11 stop 29 gap heaven 33

How many steps are required for getting final step?

1. Three
2. Four
3. Five
4. Six
5. None of these

Ans -2

Solution:Logic: Both words and numbers are arranged in each step.

Words- In descending order from left as per the number of alphabets present in each word. Numbers- In ascending order from right.

Input: group 47 remember 11 stop 29 gap heaven 33

Step I: remember group 47 stop 29 gap heaven 33 11

Step II: remember heaven group 47 stop gap 33 11 29

Step III: remember heaven group stop 47 gap 11 29 33

Step IV: remember heaven group stop gap 11 29 33 47

Step IV is final step.

Q.99 A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement.

Input: bad 49 member 14 globe 35 relative 61 good 21

Step I: relative bad 49 member globe 35 61 good 21 14

Step II: relative member bad 49 globe 35 61 good 14 21

Step III: relative member globe bad 49 61 good 14 21 35

Step IV: relative member globe good bad 61 14 21 35 49

Step V: relative member globe good bad 14 21 35 49 61

Answer the following questions based on the following input: -

Input: group 47 remember 11 stop 29 gap heaven 33

How many elements are between “group” and “gap” in step I?

1. One
2. Two
3. Three
4. More than three
5. None

Ans -3

Solution:Logic: Both words and numbers are arranged in each step.

Words- In descending order from left as per the number of alphabets present in each word. Numbers- In ascending order from right.

Input: group 47 remember 11 stop 29 gap heaven 33

Step I: remember group 47 stop 29 gap heaven 33 11

Step II: remember heaven group 47 stop gap 33 11 29

Step III: remember heaven group stop 47 gap 11 29 33

Step IV: remember heaven group stop gap 11 29 33 47

Step IV is final step.

Q.100 A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement.

Input: bad 49 member 14 globe 35 relative 61 good 21

Step I: relative bad 49 member globe 35 61 good 21 14

Step II: relative member bad 49 globe 35 61 good 14 21

Step III: relative member globe bad 49 61 good 14 21 35

Step IV: relative member globe good bad 61 14 21 35 49

Step V: relative member globe good bad 14 21 35 49 61

Answer the following questions based on the following input: -

Input: group 47 remember 11 stop 29 gap heaven 33

In which of the following step “group stop 47” is found in same manner?

1. Step II
2. Step I
3. Step IV
4. Step III
5. None of these

Ans -4

Solution:Logic: Both words and numbers are arranged in each step.

Words- In descending order from left as per the number of alphabets present in each word. Numbers- In ascending order from right.

Input: group 47 remember 11 stop 29 gap heaven 33

Step I: remember group 47 stop 29 gap heaven 33 11
Step II: remember heaven group 47 stop gap 33 11 29
Step III: remember heaven group stop 47 gap 11 29 33
Step IV: remember heaven group stop gap 11 29 33 47
Step IV is final step.