

Reasoning

Instruction for Q.141 to Q.145

When a word and number arrangement machine is given an input line of words and numbers, it arranges them following a particular rule. The following is an illustration of input and rearrangement.

Input: 85 faith amazing 28 47 miserable more 31 system 72 64 flawless

Step 1: miserable faith amazing 85 47 more 31 system 72 64 flawless 39

Step 2: flawless miserable faith amazing 85 47 more system 72 64 39 20

Step 3: amazing flawless miserable faith 85 more system 72 64 39 20 36

Step 4: system amazing flawless miserable faith 85 more 72 39 20 36 75

Step 5: faith system amazing flawless miserable 85 more 39 20 36 75 83

Step 6: more faith system amazing flawless miserable 39 20 36 75 83 74

Step 6 is the final step or the output for the given input.

Input: process drag 16 39 stereo 58 fetch 70 63 tamarind lubricant 88

Q.141)

Which of the following elements is third to the right of 'drag' in step 3?

- (a) fetch
- (b) 0
- (c) process
- (d) 63
- (e) 88

Q.142)

In which of the following steps are the elements '70' and '88' adjacent to each other?

- (a) Step II
- (b) Step V
- (c) Step III
- (d) Step VI
- (e) Step IV

Q.143)

Which of the following elements is second to the left of the element which is fourth from the left end in step 5?

- (a) tamarind
- (b) process
- (c) fetch
- (d) stereo
- (e) drag

Q.144)

What is the sum of the rightmost number in step 3 and the leftmost number in step 6?

- (a) 96
- (b) 169
- (c) 79
- (d) 166
- (e) 97

Q.145)

Identify the odd one out.

- (a) Step 6 - 81
- (b) Step 4 - 28
- (c) Step 2 - 88
- (d) Step 5 - 69
- (e) Step 3 - 27

Q.146)

There are 6 boxes stacked on one another. There are only 2 boxes between A and D. C is placed just above B. There are only 3 boxes between C and E. How many boxes were above E?

- (a) 1
- (b) 4
- (c) 4 or 5
- (d) 5
- (e) 3

Instruction for Q.147 to Q.149

Seven people, namely A, B, C, D, E, F and G are arranged in descending order of their weights. Each of the seven persons has a distinct weight. The number of people heavier than B is the same as the number of people lighter than A. B is heavier than E and A but lighter than F. C is lighter than G but is not the lightest. The weight of the third heaviest person is 76 kg which is lighter than G. More than 2 people are lighter than E. Neither D nor G is the heaviest person. A is not lighter than D.

Q.147)

Who among the following is the third heaviest person?

- (a) C
- (b) G
- (c) E
- (d) B
- (e) A

Q.148)

How many people are heavier than E?

- (a) 5
- (b) 3
- (c) 1
- (d) 2
- (e) 4

Q.149)

If the sum of the weight of G and E is 151 kg, and the weight of each of the seven people is a distinct natural number, then which of the following can be the weight of C?

- I) 74
- II) 73
- III) 72

- (a) Only I (d) Both I and II
 (b) All I, II and III (e) Both II and III
 (c) Only III

Instruction for Q.150

Below is given a question followed by two statements numbered I and II. You have to decide whether the data provided in the statements are sufficient to answer the question:

Q.150)

Is W aunt of P in a family of eight members?

I) R is father of D's father-in-law and G is sister-in-law of W's father. H is married to K and is mother of P. F is mother of W and is married to R. Only three married couples are there in family and W is not a married member.

II) G is sister of K's mother and D is married to P, who is son of R's daughter-in-law. H is sister-in-law of W and is married to K, who is the only son of F. R is father of W, who is unmarried member of the family.

- (a) If the data in Statement I alone is sufficient to answer the question, while the data in Statement II alone is not sufficient to answer the question.
 (b) If the data in statement II alone is sufficient to answer the question, while the data in Statement I alone is not sufficient to answer the question.
 (c) If the data either in Statement I alone or in Statement II alone is sufficient to answer the question.
 (d) If the data in both the Statements I and II together are not sufficient to answer the question.
 (e) If the data in both the Statements I and II together are necessary to answer the question.

Instruction for Q.151

Below is given a question followed by three statements numbered I, II and III. You have to decide whether the data given in the statements are sufficient to answer the question.

Q.151)

What does 'open' mean in the code language?

Statement I: 'QR ST UA BQ RS' means 'new year bank open tax' and 'OT CR QR AT OM' means 'was tax date touch today'

Statement II: 'ST CR AO TH SH' means 'date noise port year start' and 'NS VT TO RE UA' means 'new top vest fill need'

Statement III: 'RS SH QS TH NM' means 'bank noise for money port' and 'OL RE MA TO TH' means 'call target fill need port'

- (a) If the data in all three statements together are not sufficient to answer the question
 (b) If the data in statements II and III together are sufficient to answer the question and data in statement I are not required
 (c) If the data in statements I and III together are sufficient to answer the question and data in statement II are not required
 (d) If the data in all three statements together are necessary to answer the question.
 (e) If the data in statements I and II together are sufficient to answer the question and data in statement III are not required

Instruction for Q.152

Two statements numbered I and II are given below. You have to decide whether the data provided in the statements are sufficient to answer the question.

Q.152)

Eight persons are sitting around a circular table such that seven persons are facing inward and only one person is facing outward. E is sitting second to the right of B. B is an immediate neighbour of N but not S. Neither B nor E is an immediate neighbour of Z. Who is facing outward?

- I) The person sitting exactly opposite to P is facing outward. Z is sitting second to the right of S. R is sitting third to the right of C.*
II) The person sitting to the immediate right of C is facing outward. Z is sitting second to the left of N. P is sitting third to the right of S. S is not an immediate neighbour of Z who is not facing outward.

- (a) 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
 (b) If the data in both statements I and II together are not sufficient to answer the question
 (c) 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
 (d) If the data either in statement I alone or in statement II alone are sufficient to answer the question
 (e) If the data in both statements I and II together are necessary to answer the question

Instruction for Q.153

Each question consists of a question and three statements numbered I, II and III are given below it. You have to decide whether the data given in the statements are sufficient to answer the question.

Q.153)

Seven teams MI, RCB, KXIP, RR, KKR, SRH and DC did play matches on different days amongst the 7th, 12th, 17th and 22nd of either May or June of the same year. Who played a match immediately after MI?

Statement I: Three teams played a match after SRH. RCB and SRH played matches one after another but in different months. RR played a match on the 10th day before KXIP.

Statement II: Only MI played between KKR and DC. SRH and KXIP played matches on the same date and at least one team played after SRH. RR played immediately after RCB.

Statement III: DC and RCB played matches on the same date. Only three teams played matches in June. KKR played a match on a prime numbered date in May.

- (a) If the data in statements I and II or III together are sufficient to answer the question
- (b) If the data in any two of the three statements together are sufficient to answer the question
- (c) If the data in statements II and I or III together are sufficient to answer the question
- (d) If the data in statements III and I or II together are sufficient to answer the question
- (e) If the data in all three statements together are necessary to answer the question

Instruction for Q.154 to Q.157
 There are 10 poles A, B, C, D, E, F, G, H, I and J. Pole H is in north-east direction with respect to Pole J at a distance of 10m. Pole G is to the east of pole H at a distance of 7m. Pole I is in south direction at a distance of 6m with respect to pole H. Pole F is 4m in north direction with respect to pole G. Pole D is 5m south to pole E. Pole E is 30 m west of pole F. Pole B is 15m south of Pole C. Pole C is 5m to the east of Pole D. Pole B is 10 m to the west of Pole A.

Q.154)
 In which direction is pole J with respect to Pole I?

- (a) North-west
- (b) South
- (c) North-east
- (d) East
- (e) West

Q.155)
 What is the shortest distance between Pole A and Pole J?

- (a) 10m
- (b) 20m
- (c) 15m
- (d) 45m
- (e) 35m

Q.156)
 In which direction is Pole F with respect to Pole C?

- (a) East
- (b) North-east
- (c) North
- (d) South-west
- (e) West

Q.157)
 Find the odd one out.

- (a) Pole E with respect to Pole H.
- (b) Pole D with respect to Pole A.
- (c) Pole C with respect to Pole A.
- (d) Pole A with respect to Pole J
- (e) None of the above

Q.158)
 In the question below, two conclusions are given followed by four statements. You have to choose the correct set of statements from which the given conclusions can be logically derived.

Conclusions:
All hues being tones is a possibility. All hues being shades is a possibility.

Statements:
*I) Some hues are shades. Only a few tones are hues.
 II) Only a few shade are tones. All tones are hues.
 III) Only a few tones are hues. Only a few hues are shades.
 IV) No shade is a tone. Only a few shades are hues.*

- (a) Only I
- (b) Only I, II and IV
- (c) Only II
- (d) Only II and III
- (e) Only I and II

Q.159)
 In the question given below, two conclusions are given followed by four statements. You have to choose the correct set of statements that logically satisfies the given conclusions disregarding the commonly known facts.

Conclusions:
*Few outlets are cisterns
 Some pipes are inlets is a possibility*

Statements:
*I) Only a few pipes are cisterns. No inlet is outlet. Handful of pipes are inlet.
 II) Few outlets are pipes. Very few cisterns are pipes. Only a few cisterns are inlets.
 III) All cisterns are inlet. Only a few outlets are pipes. All cisterns are outlets.
 IV) No pipe is outlet. Each cistern is inlet. A little pipe is inlet.*

- (a) Only statement III
- (b) Both statements II and IV
- (c) Only statement I
- (d) Both statements I and III
- (e) Only statement II

Q.160)
 In the question below, three conclusions are given followed by five statements. You have to choose the correct set of statements that logically satisfies the given conclusions.

Conclusions:

Some skies are clouds. At least some skies are mountains. All mountains can never be clouds.

Statements:

I) Only a few clouds are skies. Only a few mountains are skies.

II) Only a few mountains are skies. Some clouds are mountains.

III) Only a few mountains are skies. All mountains are clouds.

IV) All skies are clouds. Only a few clouds are mountains.

V) Some mountains are not clouds. Only a few skies are clouds.

- (a) None of the statements (d) Only II, III and IV
 (b) Only III and V (e) Only II
 (c) Only I, II and V

Instruction for Q.161 to Q.165

Seven friends A, B, C, D, E, F & G were born on different years 1983, 1986, 1987, 1991, 1994, 1995 & 1996 (not necessarily in the same order). They all were born on same date & month (i.e. 1st Jan). They live on different floors of a 7-storey building. Ground floor is numbered 1 & top floor is numbered 7. Person born on an even year lives on an even numbered floor. On 1st January 2018, their ages were calculated & we got following information:

Neither C nor F is the oldest but sum of their ages is higher than combined age of any other 2 people.

D was born in a leap year and lives on an even numbered floor below floor 6.

Difference in age of person living on 5th floor & B is less than 10 years.

Combined age of F & A is equal to combined age of G & E who lives above 2nd floor.

Both E's & G's ages are an odd number.

Difference between floor numbers of G & F is equal to difference between floor numbers of F & E.

A lives on an odd numbered floor above floor 3.

A lives immediately above B who doesn't live on 4th floor.

Q.161)

Who was born in 1995?

- (a) A (d) G
 (b) F (e) E
 (c) C

Q.162)

Who lives on 3rd floor?

- (a) E (d) F
 (b) B (e) G
 (c) A

Q.163)

What is the difference in age of A & C?

- (a) 5 years (d) 4 years
 (b) 3 years (e) 6 years
 (c) 1 year

Q.164)

Which of the following is a correct combination?

- (a) A – 27 years – 5th floor (d) E – 23 years – 5th floor
 (b) G – 32 years – 4th floor (e) F – 31 years – 6th floor
 (c) C – 32 years – 2nd floor

Q.165)

Who is 22 years old?

- (a) D (d) C
 (b) A (e) F
 (c) E

Instruction for Q.166 to Q.170

Study the given information and answer the following questions based on it.

Eight persons - Hari, Harish, Harkiran, Hema, Hetal, Himanshu, Hritvik and Habib are working in a PSB on different designations - Clerk, Probationary Officer (PO), Assistant Manager (AM), Manager, Senior Manager (SM), Chief Manager (CM), Assistant General Manager (AGM) and General Manager (GM) but not in the same order. All of them are from different cities - Kolkata, Delhi, Mumbai, Chennai, Hyderabad, Bangalore, Pune and Bhopal.

Note: The designations are in an increasing order such that the Clerk is the junior most while the General Manager (GM) is the senior most person.

Number of persons senior to Hari is same as the number of persons junior to the person from Chennai. Hetal is not from Bhopal. The Assistant Manager is senior to the person from Bangalore. Three persons are designated between Hritvik and the person from Pune who is immediate senior to the person from Bangalore. Himanshu is immediate senior to Harkiran and none of them is either a Manager or from Pune and Bangalore. Hema is from Kolkata and junior to Hetal who is neither the senior most nor the Senior Manager. Two persons are designated between Habib and Harish who is from Mumbai. The person from Delhi is senior to Harish but he is neither GM nor CM.

Q.166)

Who is from Bhopal?

- (a) Hritvik (d) Hetal
 (b) Harish (e) Hari
 (c) Habib

Q.167)

Himanshu belongs to _____.

- (a) Delhi
- (b) Pune
- (c) Bangalore
- (d) Chennai
- (e) Mumbai

Q.168)

What is the designation of Hari?

- (a) PO
- (b) Chief Manager
- (c) General Manager
- (d) Assistant Manager
- (e) Clerk

Q.169)

How many persons are designated between Harkiran and Hetal?

- (a) Three
- (b) Five
- (c) Two
- (d) Four
- (e) One

Q.170)

Hetal who is immediate junior to _____ and immediate senior to the person who is from _____.

- (a) Hema, Kolkata
- (b) Harish, Mumbai
- (c) Harish, Kolkata
- (d) Habib, Kolkata
- (e) Hritvik, Hyderabad

Q.171)

The letters which appear exactly twice in each of the following words is taken and then the vowels and consonants are arranged alternately in alphabetical order. For example, the letters MJEA will be arranged as either AJEM or JAME (alternately, vowels and consonants are arranged in alphabetical order). Which of the following option will give us a meaningful word, where the word can start with a vowel or a consonant?

- (a) MERCURY, LAKEBED, WEAVING, STYPTIC
- (b) MIDNOON, LATENTS, WIMPING, SLUGGED
- (c) MINIVER, LADDERS, WEBFOOT, SMITTEN
- (d) MUNDANE, LACUNAR, WAXWING, SLEAVER
- (e) MACRAME, LEAPERS, WETLAND, SLOWWORM

Instruction for Q.172

In the following question, two rows of numbers are given, the resultant number in each row is to be worked out separately based on the following rules and the question below the rows of numbers is to be answered. The operation of numbers progresses from left to right.
Rules:

i) If an even number is followed by an odd number, then the numbers are to be added.

ii) If an even number is followed by an even number, then the smaller number must be added to the half of the larger number.

iii) If an odd number is followed by an odd number, then the smaller number must be subtracted from the larger number.

iv) If an odd number is followed by an even number, then the larger number of the two is to be doubled.

Q.172)

If 'm' is the resultant of the first row, what will be the resultant of the second row?

67 20 93

m 88 56

- (a) 281
- (b) 282
- (c) 283
- (d) 284
- (e) 285

Q.173)

If in the word 'MALNOURISHED', the letters which are at the odd position from the left end are replaced with immediately previous letters, and the letters which are at the odd position from the right end are replaced with the 2nd previous letter as in the English alphabetical series, then how many vowels are immediately followed by a consonant?

- (a) Less than two
- (b) Three
- (c) Four
- (d) Five
- (e) More than five

Instruction for Q.174 to Q.178

Study the following information carefully and answer the questions given beside.

Eight persons namely A to H are sitting on the square table but not necessarily in the same order. Four persons are sitting at the middle of the table and facing towards the center. Four persons are sitting at the corner of the table and facing away from the center. The people sitting at the corner of the table likes different flowers among Rose, Lily, Tulip and Coronation. The people sitting at middle of the table likes different fruits among Mango, Banana, Kiwi and Grapes. All the above information is not necessarily in the same order.

One who likes Kiwi sits third to the left of H. B sits third to the right of F. C and one who likes Lily are not immediate neighbours. There are as many people sitting between G and D as between G and C. One who likes Coronation sits third to the right of D. The one who sits second to the right of the one who likes Kiwi is facing E. One person is sitting between B and H. One who likes Kiwi and one who likes Coronation are not the immediate neighbours. A likes Rose. One who likes Grapes sits second to the right of the one who likes Mango. Person A is the immediate neighbour of the one who likes Banana and F.

Q.174)

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

- (a) B (d) D
(b) A (e) G
(c) H

Q.175)

What is the position of E with respect to the one who likes Rose?

- (a) Second to the left (d) Third to the left
(b) Fourth to the left (e) Third to the right
(c) Second to the right

Q.176)

Which among the following combinations is correctly matched?

- (a) B - Coronation (d) C - Tulip
(b) G - Lily (e) H - Kiwi
(c) E - Rose

Q.177)

Which among the following person is sitting opposite to F?

- (a) The one who likes Coronation
(b) The one who likes Tulip
(c) The one who likes Mango
(d) The one who likes Grapes
(e) The one who likes Kiwi

Q.178)

Who among the following likes Tulip?

- (a) H (d) E
(b) G (e) B
(c) D

Instruction for Q.179 to Q.183

Read the following information carefully and answer the questions given below it:

There are certain number of persons sitting in a row and all were facing South and all have scored different marks in an exam among 40, 54, 66, 76, 80, 86, 90 and 100 but not necessarily in the same order. The sum of marks of E and G is equal to sum of marks scored by H and D. One among the four scored the highest marks and one among the four scored the lowest marks. F sits third to the right of J. E scored more marks than K but less than F. G scored 54 marks. K is in the middle of the row. I is at one of the extreme end. E is third from one of the extreme ends but is not sitting between J and I. D sits to the immediate left of E. Two persons sit between H and G who is five places away

from F. Three people sit between G and K who is immediate right of F. I scored 80 marks. J is fifth to the right of I. Number of persons between G and K are same as number of persons between K and J. The difference between the marks scored by H and J is equal to the difference between the marks scored by G and I.

Q.179)

Who among the following scored the highest marks?

- (a) K (d) F
(b) E (e) H
(c) D

Q.180)

What is the position of H with respect to F?

- (a) Immediate right (d) Third to the right
(b) Second to the left (e) Second to the right
(c) Immediate left

Q.181)

How many people are there in the row?

- (a) 16 (d) 21
(b) 19 (e) 18
(c) 20

Q.182)

What is the difference between the score of J and K?

- (a) 10 (d) 12
(b) 14 (e) 24
(c) 26

Q.183)

What is the sum of the marks scored by E and H?

- (a) 176 (d) 140
(b) 144 (e) 126
(c) 130

Instruction for Q.184 to Q.188

Study the following information carefully and answer the below questions.

Eight persons namely – A, B, C, D, E, F, G and H lives in eight floored building marked 1 to 8 in such a way that lowermost floor is marked as 1, floor above it is marked as 2 and so on till the top most floor is marked as 8. Each person likes a different fruit amongst watermelon, mango, grapes, apple, banana, guava, orange and kiwi. Each person stays at a different place amongst Nagpur, Chile, Delhi, Indore, Paris, London, Bihar and Tokyo. All the given information is not necessarily in the same order. The one who stays at Tokyo lives in an even numbered floor at a gap of two floors from the one who likes Grapes. G doesn't live

on the lowermost floor but lives just below the one who likes watermelon. Only three person lives between G and the one who stays at Nagpur. The one who likes Watermelon lives on an even numbered floor but doesn't live on the top most floor. Only one person lives between the one who was likes Apple and H, who stays at Indore. C neither lives adjacent to G nor adjacent to H but lives adjacent to the one who likes Guava. One who stays at Paris lives just above the one who likes Banana. One who likes Grapes stays at Chile, who doesn't live adjacent to the one who stays at Indore. A neither lives adjacent to C nor adjacent to H but lives at a gap of one floor with the one who likes Mango. Only two person lives between E and D, who doesn't live in the adjacent floor of the one who stays at Bihar. One who likes Orange lives at a gap of two from the one who stays at Paris. At least four persons live between the one who stays at Delhi and F, who does not like Apple. E lives on one of the floors below B, who neither live on the top most floor nor stays at London. The one who likes Apple doesn't live adjacent to the one who likes Guava. The one who likes Apple does not live adjacent to D, but lives just above the one who stays at Nagpur. D does not like Guava. One who likes Kiwi lives at a gap of one floor with the one who stays at London.

Q.184)

How many people stay between the person who likes Banana and the person who stays in Bihar?

- (a) Two
- (b) Five
- (c) Three
- (d) One
- (e) Four

Q.185)

Four of the following five are similar and belong to a group. Identify the one which does not belong to that group.

- (a) Apple - Banana
- (b) Guava - Grapes
- (c) Watermelon - Kiwi
- (d) Mango - Orange
- (e) Kiwi - Grapes

Q.186)

The person who likes Orange lives on which of the following floors?

- (a) 5th
- (b) 4th
- (c) 7th
- (d) 6th
- (e) 8th

Q.187)

Who among the following likes Guava?

- (a) F
- (b) E
- (c) A
- (d) H
- (a) C

Q.188)

Which of the following combinations is correct?

- (a) C - Bihar - Kiwi
- (b) B - London - Watermelon
- (c) H - Indore - Orange
- (d) A - Nagpur - Apple
- (e) E - Delhi - Guava

Instruction for Q.189

Consider the below paragraph and answer the question that follows:

A novel technology, the Potum Sensor, has been introduced to detect adulterants in food items. The sensor is programmed to identify up to three adulterants within 30 seconds of exposure. Its efficiency lies in its ability to pinpoint the presence of common food adulterants such as chemical additives, artificial preservatives, and contaminants. However, little is known about its limitations regarding detection beyond its initial capacity. The device has garnered interest in the food safety industry, particularly for applications in commercial kitchens, restaurants, and food processing plants. While it is efficient for rapid testing, the exact process it follows when more than three adulterants are present is unclear. Additionally, the sensor's durability and multi-use potential have not been publicly disclosed.

Q.189)

Based on the information provided, which of the following statements can be inferred?

- I) The Potum Sensor can detect only one adulterant at a time, but can repeat the process for multiple tests.*
- II) The Potum Sensor's functionality is limited to three adulterants within a 30-second interval; if more than three adulterants are present, it may require additional time for detection.*
- III) If the Potum Sensor is used in a restaurant environment, it indicates that the food is highly likely to contain more than three adulterants.*
- IV) The Potum Sensor can detect exactly three adulterants within 30 seconds, and any further adulterants would necessitate a new testing cycle after 30 seconds.*
- V) The Potum Sensor can detect up to three adulterants in one go, but it does not mean that it cannot detect more with extended time or subsequent testing.*

- (a) Only II
- (b) Only II and III
- (c) Only V
- (d) Both II and V
- (e) II, III and IV

Q.190)

A well-established college is considering organizing weekly talks by industry experts, coupled with quizzes to evaluate student learning.

Argument I: Yes, it will give exposure to students by allowing them to learn directly from industry experts.

Argument II: No, it will require additional expenses on inviting experts, which may not be a good use of funds.

Argument III: Yes, conducting quizzes will help assess the

transfer of knowledge and understanding among students.
Argument IV: No, frequent talks and quizzes may disrupt the regular course curriculum, leaving less time for scheduled classes.

Which of the following arguments are strong?

- (a) Only Argument I and III are strong
- (b) Only Argument II and IV are strong
- (c) Only Argument I, II, and III are strong
- (d) Only Argument I and IV are strong
- (e) All the arguments are equally strong

Q.191)

A report on the DTH (Direct-to-Home) television industry shows that the customer base of Airsay, a well-known DTH service provider, has decreased significantly over the past year. On the other hand, Hellosky, another prominent DTH provider, has almost doubled its profits, even though the number of customers using Hellosky services has remained the same. This shift has raised several questions about the underlying reasons for the contrasting performances of these two competitors in the market.

Consider the following assumptions regarding the situation:

- 1) Hellosky offers more channels and better content packages compared to Airsay, attracting more customers.
- 2) Any new DTH company entering the market will face stiff competition from an established provider like Hellosky, making it difficult to gain significant market share.
- 3) Airsay and Hellosky are not the only DTH platforms in the market.

Which of the above assumptions are valid?

- (a) Only Assumptions 1 and 2 are valid.
- (b) Only Assumptions 1 and 3 are valid.
- (c) All Assumptions 1, 2 and 3 are valid.
- (d) Only Assumptions 2 and 3 are valid.
- (e) Only Assumption 3 is valid.

Q.192)

Company Y has updated its Work From Home (WFH) policy, requiring employees to work from the office for a minimum of 15 days per month. The reason given is that Subject Matter Experts (SMEs) have not been completing reviews and finalizations on time.

What can be concluded from the above information?

- I) There have been delays in the finalization of work by SMEs.
- II) Company Y is dissatisfied with the performance of SMEs in a remote work setting.
- III) Company Y believes that having SMEs in the office will speed up the finalization process.
- IV) Content management applications developed by the

company have been ineffective in managing the workflow remotely.

V) The delay in SME performance is directly related to the lack of in-person supervision.

- (a) Only I and III follow
- (b) Only I, II, and III follow
- (c) Only II, IV, and V follow
- (d) Only I, III, and V follow
- (e) All conclusions follow

Q.193)

Lithium is a crucial element in the production of rechargeable batteries used in electric vehicles (EVs) and consumer electronics. However, the process of lithium extraction can have significant environmental consequences, including water depletion, soil degradation, and disruption of ecosystems. Despite these concerns, the growing demand for lithium has led to an increase in mining activities, particularly in regions like South America's "Lithium Triangle," which holds over half of the world's lithium supply.

What can be inferred from the above information?

- I) Lithium extraction has environmental drawbacks that include damage to ecosystems and water resources.
- II) The demand for lithium is expected to continue rising due to its importance in EVs and consumer electronics.
- III) Countries in South America are likely to experience increased environmental pressure due to their vast lithium reserves.
- IV) The global shift towards renewable energy and electric vehicles will reduce the environmental impact of lithium extraction.

- (a) Only I and II
- (b) Only I and III
- (c) All I, II, III and IV
- (d) Only I
- (e) Only I, II and III

Q.194)

Statement: Excessive amounts of lead in drinking water, associated with certain types of industrial pollution, have been shown to cause lung cancer. Neil Island has an economy based completely on subsistence level agriculture. There are no industries in the island. The inhabitants of Neil island have in the last 45 years shown high incidence of lung cancer.

Which of the following can be validly inferred from the above statement?

Inferences:

- I) Lead in drinking water is absolutely safe.
- II) Lung cancer must have causes other than lead in drinking water.
- III) Lead in drinking water must have sources other than industrial pollution.

- (a) II only
 (b) III only
 (c) II or III
 (d) II or III or both
 (e) All I, II and III

Q.195)

Study the following information carefully and answer the below question:

Statement: Certain banks have introduced a fee of Rs.150 for each cash deposit or withdrawal after the first four free transactions in a month. These new fees will apply to both savings and salary accounts. Additionally, the banks have set a limit of Rs.25,000 per day for third-party cash deposits into a single account. Transactions of up to Rs.25,000 at non-home branches will remain free of charge. However, senior citizens and children are exempt from these charges.

Are the steps taken by the banks justified? Choose the appropriate option(s).

Argument I: Yes, the steps taken by the banks will encourage more digital transactions, reducing dependency on cash and fostering a cashless economy.

Argument II: No, the majority of customers will switch to other banks that do not impose such charges, causing these banks to lose customers.

Argument III: Yes, the move will help reduce operational costs for banks by discouraging high volumes of manual cash handling, leading to more efficient banking services.

- (a) Only arguments I and II are strong
 (b) All arguments I, II and III are strong
 (c) Only arguments I and III are strong
 (d) Only arguments II and III are strong
 (e) Only argument I is strong

Q.196)

In the question given below, a passage is given followed by three statements that may or may not be concluded from the passage. Select the correct combination of statements that can be concluded.

Improving education is a slow, arduous, long-term undertaking everywhere, and nowhere more so than in Africa, where tight economic constraints often prevent sustained investment in human capital. Too often, though, expedient approaches prove shortsighted and fail to engage local leaders who hold the keys to economic and social progress. Too often, grassroots-level voices, reflecting firsthand experience addressing their communities' problems, are ignored. When global leaders gather in Hamburg this week for the G20 summit, the new G20-Africa Partnership will take center stage. But those committed to helping Africa should focus squarely on the nuts and bolts of aid and development and that means investing in local leadership.

I) Engaging local leaders is essential to improve education in Africa.

II) Economic constraints have hampered the growth of the education sector in Africa.

III) Local leadership does not affect education.

- (a) Only I
 (b) Only II
 (c) Only III
 (d) Only I and II
 (e) Only II and III

Q.197)

In the question given below, a passage is given followed by three statements that may or may not be inferred from the passage. Select the correct statements that can be inferred.

A study using Office of National Statistics data has ranked 20 of the most popular courses according to the level of salary graduates are likely to be on five years after leaving university. Unsurprisingly, medicine and dentistry are at the top of the list when it comes to earning potential with graduates earning some £47,300 per annum. But some unexpected entries lower down on the list include law - which could see graduates taking home a relatively modest £25,200, only marginally more than those who have teaching degrees. The current average UK salary is £27,600 per year.

I) Students opting for medicine and dentistry can be expected to earn more than the current average salary.

II) The average salary of teachers in UK is less than the current average salary in UK.

III) Only doctors and dentists earn more than the current average salary in UK.

- (a) Only I
 (b) Only II
 (c) Only I and II
 (d) Only II and III
 (e) All I, II and III

Q.198)

In the question below are given a statement followed by two courses of action numbered I and II. A course of action is a step or administrative decision to be taken for improvement, follow-up or further action regarding the problem, policy, etc. Based on the information given in the statement and assuming it to be true, decide which of the suggested courses of action logically follow(s) for pursuing.

Statement: Caitlin Bosche is the Human Resource Management Head at Company X. She has received the monthly reports from all the departments in the compartment. While going through the reports, it comes to her notice that the production in Department G and Department K has fallen by 1,00,000 units and 1,50,000 units respectively. On further investigation, she concludes that the machineries in department G are breaking down more often because of being overused. While the machinery in Department K is being underutilized.

Course of Actions:

I) Caitlin sends an email to the Operations Manager directing him to buy new machinery for Department G with enough capacity to bear the workload.

II) Caitlin sends an email to the Operation Manager informing him to transfer 10,000 workers from Department G to Department K.

- (a) Only I follows (d) Neither I nor II follows
 (b) Only II follows (e) Both I and II follow
 (c) Either I or II follows

Q.199)

Below is given a passage followed by some assumptions:

Passage: A diversified brick and mortar company recently hired a web designer and created an interesting online clothing catalogue to take its Clothing business online. As a result, the company had a huge uptick in the volume of sales in the Clothing segment. The spurt was caused due to increased orders from digitally literate clients. Now, the company is planning to take another of its business segment, namely Electronic goods, online.

Which of the following assumptions hold?

- (a) Other Electronic Goods companies don't have online presence.
 (b) Digitally literate clients will be interested in Electronic Goods.
 (c) The same web designer can be used for designing Electronic goods catalogue too.
 (d) Other companies do not have quality web designers.
 (e) The company can wind up its brick and mortar business.

Q.200)

Two statements are followed by three conclusions I, II and III. You have to consider the statements to be true, even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions can definitely be drawn from the given statements and indicate your answer accordingly.

Statements:

- I) *The world's largest bee — a giant insect roughly the size of a human thumb — has been rediscovered in a remote part of Indonesia in its first sighting in nearly 40 years, researchers said.*
 II) *Despite its conspicuous size, no one had observed Wallace's giant bee — discovered in the 19th century by British naturalist Alfred Russel Wallace.*

Conclusions:

- I) *Several previous expeditions to the region where the bee*

lives failed to spot it.

II) *The rediscovery of the bee suggests that conservation efforts in the region may be yielding positive results.*

III) *Wallace's giant bee has adapted to its environment to survive for nearly 40 years without being observed.*

- (a) Only conclusion I follows
 (b) Only conclusion III follows
 (c) Only conclusions I and II follow
 (d) Only conclusion II follows
 (e) Only conclusions I and III follow

=====ANSWERS=====

General Awareness

Q.1) (a)

Explanation:

This was a scheme-based question which was in news. Its difficulty level was moderate and easily attemptable. It was covered in PIB 247 session and relevant document. This question emphasizes the need to remember specific data points about key schemes. To prepare effectively, candidates should pay close attention to the factual data provided in PIB sessions and scheme documents, as these sources are essential for keeping up-to-date. Union Cabinet in August 2024 had approved Pradhan Mantri Awas Yojana-Urban (PMAY-U) 2.0. Under it, financial assistance will be provided to 1 crore urban poor and middle-class families through States/Union Territories (UTs)/PLIs to construct, purchase or rent a house at an affordable cost in urban areas in 5 years. Government Assistance of Rs. 2.30 lakh crore will be provided under the Scheme.

Q.2) (c)

Explanation:

This question tests the knowledge of recent updates in government schemes, making it a crucial topic for exam preparation. The question is moderate in difficulty and much relevant to candidates aiming to stay current with economic and financial developments.

Focusing on flagship schemes and budget announcements is essential, as these often appear in exams. Make sure to review key points from budget sessions and government updates on schemes to capture changes in funding or eligibility limits. Here you can't do any guesswork. Make sure that you are factually accurate while attempting such question to avoid negative marking.

The Pradhan Mantri MUDRA Yojana (PMMY) was launched in 2015. The initiative, which focused on igniting entrepreneurship, provided collateral-free micro-loans up to Rs 10 lakh and