

IBPS PO Mains Paper 2023

Duration: 180 Minutes | Practice Paper

Q1. Directions: In the question given below, a passage is given followed by five statements. Read the information and answer the question that follows.

Recent research definitively proves that consuming at least three cups of black coffee daily prevents type 2 diabetes. Therefore, health experts recommend that everyone should drink three cups of black coffee per day to prevent diabetes.

Statements: I. The research indicating the benefits of coffee was funded by major coffee companies. II. High consumption of coffee can lead to increased anxiety and sleep disorders. III. Not everyone can tolerate coffee due to its caffeine content. IV. Studies show that diet and exercise are more effective in preventing type 2 diabetes. V. Excessive caffeine intake can have adverse health effects.

Which of the following will weaken the above statement?

- A) Only I
- B) Only II
- C) Only III
- D) Only IV
- E) Only V

Q2. Directions: In the question given below, a passage is given followed by five statements. Read the information carefully and answer the question that follows.

Zenith Pharmaceuticals, a global leader in vaccine development, has been the primary supplier of vaccines to Country A's national immunization program for the past five years. Their contract is due for renewal in the next quarter. Meanwhile, NovaGen Biotech, an emerging competitor with innovative vaccine technology, is eager to secure the contract. The Ministry of Health in Country A is deliberating whether to renew the contract with Zenith or consider NovaGen as a new supplier.

Statements: I. Recent clinical trials have revealed that NovaGen's vaccines are more effective against emerging viral strains compared to those produced by Zenith. II. Zenith Pharmaceuticals has been accused of unethical practices, including data manipulation in clinical trials, by international health organizations. III. NovaGen Biotech's production facilities have failed multiple regulatory inspections due to non-compliance with safety standards. IV. The cost of vaccines offered by Zenith is significantly lower than those offered by NovaGen, easing the financial burden on Country A's healthcare budget. V. Country A has committed to international agreements that prioritize the procurement of the most advanced and effective vaccines available.

Which of the following statements, if true, would most strongly persuade the Ministry of Health in Country A to not renew their contract with Zenith Pharmaceuticals and instead award it to NovaGen Biotech?

- A) Only II, III, and V
- B) Only I, II, and V

- C) Only I, IV, and V
- D) Only III and IV
- E) Only II and III

Q3. Directions: In the question given below, a passage is given followed by five statements. Read the information carefully and answer the question that follows.

EcoLife Industries, a leading manufacturer of eco-friendly household products in Country M, has recently faced a significant decline in sales and market share due to the emergence of new competitors offering similar products at lower prices. Additionally, there have been allegations that EcoLife's products are not as environmentally friendly as advertised, leading to negative publicity and consumer distrust. The management is considering various courses of action to regain market position, restore consumer confidence, and ensure the company's sustainability.

Statements: I. Conduct an independent audit of the company's products to verify their environmental claims and publicly release the findings. II. Reduce the prices of all products to match competitors, even if it means compromising on quality. III. Invest in research and development to innovate new, genuinely eco-friendly products that meet higher environmental standards. IV. Launch an aggressive marketing campaign highlighting the company's commitment to the environment and discrediting competitors' products. V. Collaborate with environmental organizations to develop certification programs that validate the eco-friendliness of products in the market.

Which of the following courses of action should EcoLife Industries implement to effectively address the decline in sales, restore consumer trust, and ensure long-term sustainability?

- A) Only I, III, and V
- B) Only II and IV
- C) Only I, II, and IV
- D) Only III and V
- E) Only II, III, and V

Q4. Directions: Read the following information carefully and answer the questions that follow.

There is a matrix that contains four rows (I, II, III, and IV) from top to bottom and four columns (I, II, III, and IV) from left to right. Words will be formed when we read left to right in a row and top to bottom in a column.

Conditions: I. No letter is repeated in any row or column. II. If a letter appears in a particular row or column, it should not appear again in that row or column. III. Each row must form a meaningful English word of four letters. IV. Alphabets are coded as A = 1, B = 2, C = 3, ..., Z = 26. V. The sum of the positional values of the letters in any row or column must be an even number. VI. Some letters are given at specific positions in the matrix. Row I, Column II contains 'A'. Row II, Column IV contains 'E'. Row III, Column IV contains 'D'. Row IV, Column I contains 'M'.

Which letter will come in Row I, Column I?

- A) T
- B) S

- C) C
- D) B
- E) R

Q5. Directions: Read the following information carefully and answer the questions that follow.

There is a matrix that contains four rows (I, II, III, and IV) from top to bottom and four columns (I, II, III, and IV) from left to right. Words will be formed when we read left to right in a row and top to bottom in a column.

Conditions: I. No letter is repeated in any row or column. II. If a letter appears in a particular row or column, it should not appear again in that row or column. III. Each row must form a meaningful English word of four letters. IV. Alphabets are coded as A = 1, B = 2, C = 3, ..., Z = 26. V. The sum of the positional values of the letters in any row or column must be an even number. VI. Some letters are given at specific positions in the matrix. Row I, Column II contains 'A'. Row II, Column IV contains 'E'. Row III, Column IV contains 'D'. Row IV, Column I contains 'M'.

What is the sum of the positional values of the letters in Row II?

- A) 36
- B) 40
- C) 44
- D) 48
- E) 32

Q6. Directions: Read the following information carefully and answer the questions that follow.

There is a matrix that contains four rows (I, II, III, and IV) from top to bottom and four columns (I, II, III, and IV) from left to right. Words will be formed when we read left to right in a row and top to bottom in a column.

Conditions: I. No letter is repeated in any row or column. II. If a letter appears in a particular row or column, it should not appear again in that row or column. III. Each row must form a meaningful English word of four letters. IV. Alphabets are coded as A = 1, B = 2, C = 3, ..., Z = 26. V. The sum of the positional values of the letters in any row or column must be an even number. VI. Some letters are given at specific positions in the matrix. Row I, Column II contains 'A'. Row II, Column IV contains 'E'. Row III, Column IV contains 'D'. Row IV, Column I contains 'M'.

Which of the following words can be formed in Row III?

- A) BATS
- B) LINE
- C) CORD
- D) MELT
- E) None of these

Q7. Directions: Read the following information carefully and answer the questions that follow.

There is a matrix that contains four rows (I, II, III, and IV) from top to bottom and four columns (I, II, III, and IV) from left to right. Words will be formed when we read left to right in a row and top to bottom in a column.

Conditions: I. No letter is repeated in any row or column. II. If a letter appears in a particular row or column, it should not appear again in that row or column. III. Each row must form a meaningful English word of four letters. IV. Alphabets are coded as A = 1, B = 2, C = 3, ..., Z = 26. V. The sum of the positional values of the letters in any row or column must be an even number. VI. Some letters are given at specific positions in the matrix. Row I, Column II contains 'A'. Row II, Column IV contains 'E'. Row III, Column IV contains 'D'. Row IV, Column I contains 'M'.

What is the difference between the sum of positional values of Row III and Column II?

- A) 4
- B) 2
- C) 6
- D) 10
- E) 8

Q8. Directions: Read the following information carefully and answer the questions that follow.

There is a matrix that contains four rows (I, II, III, and IV) from top to bottom and four columns (I, II, III, and IV) from left to right. Words will be formed when we read left to right in a row and top to bottom in a column.

Conditions: I. No letter is repeated in any row or column. II. If a letter appears in a particular row or column, it should not appear again in that row or column. III. Each row must form a meaningful English word of four letters. IV. Alphabets are coded as A = 1, B = 2, C = 3, ..., Z = 26. V. The sum of the positional values of the letters in any row or column must be an even number. VI. Some letters are given at specific positions in the matrix. Row I, Column II contains 'A'. Row II, Column IV contains 'E'. Row III, Column IV contains 'D'. Row IV, Column I contains 'M'.

Which letter will come in Row IV, Column IV?

- A) T
- B) S
- C) E
- D) N
- E) O

Q9. Directions: In the question given below, a passage is given followed by five statements. Read the information carefully and answer the question that follows.

The government of Country X is planning to introduce a new agricultural policy called "AgriBoost" to enhance food security and boost farmers' income. The policy includes subsidies for high-yield genetically modified (GM) seeds, investments in advanced irrigation systems, and access to low-interest loans for farmers. The government asserts that

AgriBoost will modernize agriculture, increase crop productivity, and ensure sustainable farming practices across the country.

Statements: I. Several environmental organizations have warned that the introduction of genetically modified seeds may lead to a loss of biodiversity and could harm native plant species. II. Studies have shown that advanced irrigation systems proposed under AgriBoost are not suitable for the varied topography and soil conditions prevalent in many regions of Country X. III. A significant portion of the farming community lacks awareness and training on the use of GM seeds and advanced irrigation technologies, leading to potential misuse and crop failures. IV. Countries that have implemented similar agricultural modernization policies have witnessed a substantial increase in crop yields and farmers' incomes over the past decade. V. The low-interest loans provided under AgriBoost have stringent eligibility criteria, which most small-scale farmers in Country X cannot meet.

Which of the following statements, if true, would most seriously weaken the government's plan to implement the AgriBoost policy?

- A) Only I and II
- B) Only II, III, and V
- C) Only I, III, and V
- D) Only IV
- E) Only II and IV

Q10. Directions: In the question given below, a passage is provided followed by five statements. Read the information carefully and answer the question that follows.

The Ministry of Health in Country Y is planning to launch a nationwide program called "FitnessFirst" to combat the rising rates of obesity and lifestyle-related diseases. The program includes building public fitness centers in urban and rural areas, offering free health check-ups, and providing subsidized fitness classes. The government believes that by making fitness facilities more accessible, the population will adopt healthier lifestyles, reducing the burden of healthcare costs in the long term.

Statements: I. A significant portion of the population in Country Y lives below the poverty line and is more concerned with meeting basic needs like food and shelter than participating in fitness programs. II. Private gyms and fitness centers are offering advanced facilities and personalized training, attracting those who can afford them and leaving public centers underutilized. III. There is a cultural stigma in certain regions of Country Y against women participating in public fitness activities, which may limit the program's effectiveness. IV. Similar programs in neighboring countries have successfully reduced obesity rates and improved public health over the past five years. V. The government's budget allocation for the FitnessFirst program is limited, leading to concerns about the quality and maintenance of the public fitness centers.

Which of the following statements, if true, most weakens the Ministry of Health's decision to launch the FitnessFirst program?

- A) Only I
- B) Only II
- C) Only III
- D) Only IV

E) Only V

Q11. Direction: Read the following information carefully and answer the given questions.

When a word and a number rearrangement machine is given an input line of words and numbers, it arranges them following a rule. The following is an illustration of input and rearrangement. **Input:** 7621 BRAVE 3845 TOUCH 6482 DREAM 5173 SHINE 8274 GLOW

Step I: 49730 AEBRV 9954 OUCHT 36591 AEDMR 25282 EIHNS 64383 OGLW **Step II:** 4379 BFAQU 4599 PVBGS 61359 BFCLQ 22258 FJGMR 46833 PFKV **Step III:** 419 BFQ 423 PVBGS 618 BFCLQ 613 FJGMR 186 PFKV **Step IV:** 14 BFQ 9 BGPSV 15 BCFLQ 10 FGJMR 15 FKPV **Step V:** 17 14 20 15 11 Step V is the last step for the above input. Find out the appropriate steps for the following input.

Input: 8536 GRACE 2947 MOVIE 6183 BLEND 7312 SMILE 4765 POWER

What is the third number from the left in Step II?

A) 24419

B) 44665

C) 22639

D) 4659

E) 46817

Q12. Direction: Read the following information carefully and answer the given questions.

When a word and a number rearrangement machine is given an input line of words and numbers, it arranges them following a rule. The following is an illustration of input and rearrangement. **Input:** 7621 BRAVE 3845 TOUCH 6482 DREAM 5173 SHINE 8274 GLOW

Step I: 49730 AEBRV 9954 OUCHT 36591 AEDMR 25282 EIHNS 64383 OGLW **Step II:** 4379 BFAQU 4599 PVBGS 61359 BFCLQ 22258 FJGMR 46833 PFKV **Step III:** 419 BFQ 423 PVBGS 618 BFCLQ 613 FJGMR 186 PFKV **Step IV:** 14 BFQ 9 BGPSV 15 BCFLQ 10 FGJMR 15 FKPV **Step V:** 17 14 20 15 11 Step V is the last step for the above input. Find out the appropriate steps for the following input.

Input: 8536 GRACE 2947 MOVIE 6183 BLEND 7312 SMILE 4765 POWER

Which word is immediately to the right of 'FJPL' in Step III?

A) CVD

B) FJKLR

C) FEGP

D) FCMK

E) None of these

Q13. Direction: Read the following information carefully and answer the given questions.

When a word and a number rearrangement machine is given an input line of words and numbers, it arranges them following a rule. The following is an illustration of input and rearrangement. **Input:** 7621 BRAVE 3845 TOUCH 6482 DREAM 5173 SHINE 8274 GLOW

Step I: 49730 AEBRV 9954 OUCHT 36591 AEDMR 25282 EIHNS 64383 OGLW **Step II:** 4379 BFAQU 4599 PVBGS 61359 BFCLQ 22258 FJGMR 46833 PFKV **Step III:** 419 BFQ 423 PVBGS 618 BFCLQ 613 FJGMR 186 PFKV **Step IV:** 14 BFQ 9 BGPSV 15 BCFLQ 10

FGJMR 15 FKPV **Step V:** 17 14 20 15 11 Step V is the last step for the above input. Find out the appropriate steps for the following input.

Input: 8536 GRACE 2947 MOVIE 6183 BLEND 7312 SMILE 4765 POWER

What is the sum of all the numbers in Step V?

- A) 27
- B) 28
- C) 29
- D) 30
- E) 31

Q14. Direction: Read the following information carefully and answer the given questions.

When a word and a number rearrangement machine is given an input line of words and numbers, it arranges them following a rule. The following is an illustration of input and rearrangement. **Input:** 7621 BRAVE 3845 TOUCH 6482 DREAM 5173 SHINE 8274 GLOW

Step I: 49730 AEBRV 9954 OUCHT 36591 AEDMR 25282 EIHNS 64383 OGLW **Step II:**

4379 BFAQU 4599 PVBGS 61359 BFCLQ 22258 FJGMR 46833 PFKV **Step III:** 419 BFQ

423 PVBGS 618 BFCLQ 613 FJGMR 186 PFKV **Step IV:** 14 BFQ 9 BGPSV 15 BCFLQ 10

FGJMR 15 FKPV **Step V:** 17 14 20 15 11 Step V is the last step for the above input. Find out the appropriate steps for the following input.

Input: 8536 GRACE 2947 MOVIE 6183 BLEND 7312 SMILE 4765 POWER

Which of the following is the fourth word from the left in Step IV?

- A) FJKLR
- B) FPQV
- C) CFKM
- D) EJOT
- E) DVIP

Q15. Direction: Read the following information carefully and answer the given questions.

When a word and a number rearrangement machine is given an input line of words and numbers, it arranges them following a rule. The following is an illustration of input and rearrangement. **Input:** 7621 BRAVE 3845 TOUCH 6482 DREAM 5173 SHINE 8274 GLOW

Step I: 49730 AEBRV 9954 OUCHT 36591 AEDMR 25282 EIHNS 64383 OGLW **Step II:**

4379 BFAQU 4599 PVBGS 61359 BFCLQ 22258 FJGMR 46833 PFKV **Step III:** 419 BFQ

423 PVBGS 618 BFCLQ 613 FJGMR 186 PFKV **Step IV:** 14 BFQ 9 BGPSV 15 BCFLQ 10

FGJMR 15 FKPV **Step V:** 17 14 20 15 11 Step V is the last step for the above input. Find out the appropriate steps for the following input.

Input: 8536 GRACE 2947 MOVIE 6183 BLEND 7312 SMILE 4765 POWER

What is the difference between the highest and lowest number obtained in Step V?

- A) 11
- B) 13
- C) 6
- D) 5

E) 0

Q16. Direction: Read the following information carefully and answer the given questions.

A certain number of persons are sitting in a row. Some of them are facing north and some of them are facing south. Each of them is from a different cities. The person from Canada sits third to the right of Quincy who is facing south. Six persons sit between Hayden and the person who is from Canada. Hayden and the person from Canada are facing opposite directions. Morgon sits second to the left of Hayden. The person from Denmark sits second to the right of Morgon and facing the opposite direction to Morgon. Morgon sits sixth to the left of the one from Egypt. Tyler is an immediate neighbor of the one who sits fourth to the right of the one who is from Denmark and Daisy. The one who is from Egypt sits third to the right of the one who is from Canada. The one who sits fourth to the left of Wren sits at one of the extreme ends. The number of people sitting to the right of Wren is thrice the number of people sitting to the left of Wren. Immediate neighbors of Tyler are facing the same direction but opposite to Tyler. The one who sits fourth to the left of Daisy sits second to the left of the one who is seventh from one end. The number of persons sitting between Daisy and the one from France is thrice the number of people sitting between Wren and the one from France. Quincy is sitting at an extreme end. Wren and the one from France are facing opposite directions to Daisy.

The same number of persons are sitting to the left of Wren as to the right of _____.

- A) the one who is sitting second to the right of Hayden.
- B) the one who belong to Canada
- C) the one who belong to Egypt.
- D) The one who is sitting second to the left of Hayden
- E) the one who belongs to France.

Q17. Direction: Read the following information carefully and answer the given questions.

A certain number of persons are sitting in a row. Some of them are facing north and some of them are facing south. Each of them is from a different cities. The person from Canada sits third to the right of Quincy who is facing south. Six persons sit between Hayden and the person who is from Canada. Hayden and the person from Canada are facing opposite directions. Morgon sits second to the left of Hayden. The person from Denmark sits second to the right of Morgon and facing the opposite direction to Morgon. Morgon sits sixth to the left of the one from Egypt. Tyler is an immediate neighbor of the one who sits fourth to the right of the one who is from Denmark and Daisy. The one who is from Egypt sits third to the right of the one who is from Canada. The one who sits fourth to the left of Wren sits at one of the extreme ends. The number of people sitting to the right of Wren is thrice the number of people sitting to the left of Wren. Immediate neighbors of Tyler are facing the same direction but opposite to Tyler. The one who sits fourth to the left of Daisy sits second to the left of the one who is seventh from one end. The number of persons sitting between Daisy and the one from France is thrice the number of people sitting between Wren and the one from France. Quincy is sitting at an extreme end. Wren and the one from France are facing opposite directions to Daisy.

Who is sitting fourth to the right of the person who is sitting second to the right of Morgon?

- A) the one who belong to Denmark

- B)** the one who is sitting immediately right of the one who belong to Canada.
- C)** the person who is sitting exactly in the middle of Hayden and Daisy.
- D)** the person who is second to the right of the person who belongs to Egypt.
- E)** the one who is sitting second to the left of Daisy.

Q18. Direction: Read the following information carefully and answer the given questions.

A certain number of persons are sitting in a row. Some of them are facing north and some of them are facing south. Each of them is from a different cities. The person from Canada sits third to the right of Quincy who is facing south. Six persons sit between Hayden and the person who is from Canada. Hayden and the person from Canada are facing opposite directions. Morgon sits second to the left of Hayden. The person from Denmark sits second to the right of Morgon and facing the opposite direction to Morgon. Morgon sits sixth to the left of the one from Egypt. Tyler is an immediate neighbor of the one who sits fourth to the right of the one who is from Denmark and Daisy. The one who is from Egypt sits third to the right of the one who is from Canada. The one who sits fourth to the left of Wren sits at one of the extreme ends. The number of people sitting to the right of Wren is thrice the number of people sitting to the left of Wren. Immediate neighbors of Tyler are facing the same direction but opposite to Tyler. The one who sits fourth to the left of Daisy sits second to the left of the one who is seventh from one end. The number of persons sitting between Daisy and the one from France is thrice the number of people sitting between Wren and the one from France. Quincy is sitting at an extreme end. Wren and the one from France are facing opposite directions to Daisy.

Which of the following pair is sitting second to the right of each other?

- A)** Tyler and the one who is from Canada
- B)** Quincy and the one who is from Denmark
- C)** The one who is from Egypt and Wren
- D)** Hayden and Daisy
- E)** The one who is from Canada and France

Q19. Direction: Read the following information carefully and answer the given questions.

A certain number of persons are sitting in a row. Some of them are facing north and some of them are facing south. Each of them is from a different cities. The person from Canada sits third to the right of Quincy who is facing south. Six persons sit between Hayden and the person who is from Canada. Hayden and the person from Canada are facing opposite directions. Morgon sits second to the left of Hayden. The person from Denmark sits second to the right of Morgon and facing the opposite direction to Morgon. Morgon sits sixth to the left of the one from Egypt. Tyler is an immediate neighbor of the one who sits fourth to the right of the one who is from Denmark and Daisy. The one who is from Egypt sits third to the right of the one who is from Canada. The one who sits fourth to the left of Wren sits at one of the extreme ends. The number of people sitting to the right of Wren is thrice the number of people sitting to the left of Wren. Immediate neighbors of Tyler are facing the same direction but opposite to Tyler. The one who sits fourth to the left of Daisy sits second to the left of the one who is seventh from one end. The number of persons sitting between Daisy and the one from France is thrice the number of people sitting between Wren and the one from France.

Quincy is sitting at an extreme end. Wren and the one from France are facing opposite directions to Daisy.

How many persons are sitting between Daisy and Quincy?

- A) One
- B) Seven
- C) Five
- D) Ten
- E) Eight

Q20. Direction: Read the following information carefully and answer the given questions.

Eight students A, C, E, F, G, H, K, and L are related to each other born in 1953, 1957, 1963, 1982, 1985, 1988, 2015, and 2018 not necessarily in the same order. Age is calculated from 2024. E's spouse has a niece who is F. The difference between F and F's mother's age is a multiple of 10. The difference between A and A's mother-in-law's age is a multiple of five. E's uncle's age was prime but he was not the eldest. The difference between C and C's son is a prime number less than twenty. The difference between E and E's spouse's age is double the difference between the E and K age. A has a sibling only. E has a son. E's uncle is not C but E's uncle's age is a prime number. K is not married to A. E has a father. There is an equal number of males and females. C has no siblings. G is the grandmother of E's only son. G is the grandmother of L. E's father has no sibling of his own and E's mother has no sister.

Which of the following age is a perfect square?

- A) the one who is born immediately after E.
- B) L
- C) the one who is born immediately after G
- D) H
- E) the one who is born immediately after K.

Q21. Direction: Read the following information carefully and answer the given questions.

Eight students A, C, E, F, G, H, K, and L are related to each other born in 1953, 1957, 1963, 1982, 1985, 1988, 2015, and 2018 not necessarily in the same order. Age is calculated from 2024. E's spouse has a niece who is F. The difference between F and F's mother's age is a multiple of 10. The difference between A and A's mother-in-law's age is a multiple of five. E's uncle's age was prime but he was not the eldest. The difference between C and C's son is a prime number less than twenty. The difference between E and E's spouse's age is double the difference between the E and K age. A has a sibling only. E has a son. E's uncle is not C but E's uncle's age is a prime number. K is not married to A. E has a father. There is an equal number of males and females. C has no siblings. G is the grandmother of E's only son. G is the grandmother of L. E's father has no sibling of his own and E's mother has no sister.

In which of the year C is born?

- A) 1957
- B) 1982
- C) 1963

D) 1953

E) 1985

Q22. Direction: Read the following information carefully and answer the given questions.

Eight students A, C, E, F, G, H, K, and L are related to each other born in 1953, 1957, 1963, 1982, 1985, 1988, 2015, and 2018 not necessarily in the same order. Age is calculated from 2024. E's spouse has a niece who is F. The difference between F and F's mother's age is a multiple of 10. The difference between A and A's mother-in-law's age is a multiple of five. E's uncle's age was prime but he was not the eldest. The difference between C and C's son is a prime number less than twenty. The difference between E and E's spouse's age is double the difference between the E and K age. A has a sibling only. E has a son. E's uncle is not C but E's uncle's age is a prime number. K is not married to A. E has a father. There is an equal number of males and females. C has no siblings. G is the grandmother of E's only son. G is the grandmother of L. E's father has no sibling of his own and E's mother has no sister.

How is K related to F?

A) Mother

B) Father

C) Sister

D) Daughter

E) Brother-in-law

Q23. Direction: Read the following information carefully and answer the given questions.

Eight students A, C, E, F, G, H, K, and L are related to each other born in 1953, 1957, 1963, 1982, 1985, 1988, 2015, and 2018 not necessarily in the same order. Age is calculated from 2024. E's spouse has a niece who is F. The difference between F and F's mother's age is a multiple of 10. The difference between A and A's mother-in-law's age is a multiple of five. E's uncle's age was prime but he was not the eldest. The difference between C and C's son is a prime number less than twenty. The difference between E and E's spouse's age is double the difference between the E and K age. A has a sibling only. E has a son. E's uncle is not C but E's uncle's age is a prime number. K is not married to A. E has a father. There is an equal number of males and females. C has no siblings. G is the grandmother of E's only son. G is the grandmother of L. E's father has no sibling of his own and E's mother has no sister.

What is the sum of the age of E and K?

A) 60 years

B) 81 years

C) 90 years

D) 52 years

E) 50 years

Q24. Read the following information carefully and answer the given questions.

There are ten buses A, B, C, D, E, F, G, H, J, and K which are at the base station. Four platforms P1, P2, P3, and P4 where the first bus can reach at 5 AM, 6 AM, 7 AM, and 8 AM

respectively. Platform P1 is the nearest Platform and Platform P4 is the farthest. There must be a gap of one hour between the two buses reaching a particular station. The speed of the buses is considered to be the same. At most three buses can have a platform as its destination.

Bus C and D started from the base station and reached the nearest platform in a gap of 1 hour. C started its journey earlier than D. C reached the destination at 6 AM. Bus A stopped its journey at a platform which is two more than Bus D. Bus J reached the last platform. Bus H's destination is not the same as the destination of C, E and K. Destinations of F and G are the same. The destination of F and G is not the same as the destination of D and J. Bus B's destination is the same as the destination of K. There is only one more bus at the platform where Bus J reached its destination. Bus E's final destination is not P1 and P4. Bus B's destination is ahead of Bus E's destination.

Which of the following platforms have more than two buses?

- A) P1 and P4
- B) P2 and P3
- C) P1 and P2
- D) P3 and P4
- E) P2 and P4

Q25. Read the following information carefully and answer the given questions.

There are ten buses A, B, C, D, E, F, G, H, J, and K which are at the base station. Four platforms P1, P2, P3, and P4 where the first bus can reach at 5 AM, 6 AM, 7 AM, and 8 AM respectively. Platform P1 is the nearest Platform and Platform P4 is the farthest. There must be a gap of one hour between the two buses reaching a particular station. The speed of the buses is considered to be the same. At most three buses can have a platform as its destination.

Bus C and D started from the base station and reached the nearest platform in a gap of 1 hour. C started its journey earlier than D. C reached the destination at 6 AM. Bus A stopped its journey at a platform which is two more than Bus D. Bus J reached the last platform. Bus H's destination is not the same as the destination of C, E and K. Destinations of F and G are the same. The destination of F and G is not the same as the destination of D and J. Bus B's destination is the same as the destination of K. There is only one more bus at the platform where Bus J reached its destination. Bus E's final destination is not P1 and P4. Bus B's destination is ahead of Bus E's destination.

Which of the following statements is/are false? I. Bus B's destination is P4. II. Bus E and Bus F's destinations are the same. III. Bus D's destination is ahead of Bus F's destination

- A) Only I and II
- B) Only II and III
- C) All I, II and III
- D) Only II
- E) Only I and III

Q26. Read the following information carefully and answer the given questions.

There are ten buses A, B, C, D, E, F, G, H, J, and K which are at the base station. Four

platforms P1, P2, P3, and P4 where the first bus can reach at 5 AM, 6 AM, 7 AM, and 8 AM respectively. Platform P1 is the nearest Platform and Platform P4 is the farthest. There must be a gap of one hour between the two buses reaching a particular station. The speed of the buses is considered to be the same. At most three buses can have a platform as its destination.

Bus C and D started from the base station and reached the nearest platform in a gap of 1 hour. C started its journey earlier than D. C reached the destination at 6 AM. Bus A stopped its journey at a platform which is two more than Bus D. Bus J reached the last platform. Bus H's destination is not the same as the destination of C, E and K. Destinations of F and G are the same. The destination of F and G is not the same as the destination of D and J. Bus B's destination is the same as the destination of K. There is only one more bus at the platform where Bus J reached its destination. Bus E's final destination is not P1 and P4. Bus B's destination is ahead of Bus E's destination.

Which of the following buses have destination as P3?

- A) Bus A, Bus B, Bus K.
- B) Bus F and Bus C
- C) Bus A, Bus H
- D) Bus J and Bus D
- E) Bus H and Bus F

Q27. Read the following information carefully and answer the given questions.

There are ten buses A, B, C, D, E, F, G, H, J, and K which are at the base station. Four platforms P1, P2, P3, and P4 where the first bus can reach at 5 AM, 6 AM, 7 AM, and 8 AM respectively. Platform P1 is the nearest Platform and Platform P4 is the farthest. There must be a gap of one hour between the two buses reaching a particular station. The speed of the buses is considered to be the same. At most three buses can have a platform as its destination.

Bus C and D started from the base station and reached the nearest platform in a gap of 1 hour. C started its journey earlier than D. C reached the destination at 6 AM. Bus A stopped its journey at a platform which is two more than Bus D. Bus J reached the last platform. Bus H's destination is not the same as the destination of C, E and K. Destinations of F and G are the same. The destination of F and G is not the same as the destination of D and J. Bus B's destination is the same as the destination of K. There is only one more bus at the platform where Bus J reached its destination. Bus E's final destination is not P1 and P4. Bus B's destination is ahead of Bus E's destination.

At what time Bus D reached the platform P1?

- A) 9AM
- B) 8AM
- C) 7AM
- D) 10 AM
- E) 12 AM

Q28. Direction: Read the following information carefully and answer the given questions.

Ten employees Ava, Brooke, Charles, Daniel, Emma, Franklin, Gloria, Harper, Ivan, and

Jacob sit at two rectangular tables X and Y. Three of them like action novels, three like drama novels and the remaining like comedy novels. Four employees sit at table X and the remaining sit at table Y. The person sitting in the middle faces outside the center and the person sitting in the corner faces inside the center. People sitting at Table X sit in the middle of the table and at Table Y four persons sit in the middle and four sit in the corner. Two seats are vacant in Table Y.

Daniel sits at table X. Jacob does not sit at table Y. Gloria sits immediately left of Jacob and neither of them like drama. The one who likes comedy does not sit in the middle of table Y. Daniel likes comedy and sits opposite Gloria. Emma likes comedy and sits at table Y. Both the immediate neighbors of Emma like drama. Ava sits immediately left of the one who likes drama. Fraklin sits third to the right of Ava. Charles sits at table X. Brooke does not like drama and comedy. Two persons sit between Daniel and the one who likes drama. Ivan sits 2nd to the right of a vacant seat. Both the vacant seats are not adjacent to each other. One of the persons who likes action sits the immediate right of the one who likes comedy. After the arrangement: I. Ivan, Jacob and Harper change their novels. II. Fraklin and Gloria change their novels. III. Daniel changes his novel with the one who sits immediately left of Ava. IV. Brooke and Emma change their place but not the novels. Note: The final arrangement is obtained after the I, II, III, and IV changes are done.

Which of the following statements is/are false? I. Ivan, Gloria likes Action novels. II. Emma, Fraklin, and Jacob are sitting on the table Y. III. Ava and Ivan are immediate neighbors.

- A) Only II
- B) Only Ivan
- C) Only III
- D) Only Ivan and III
- E) Only II and III

Q29. Direction: Read the following information carefully and answer the given questions.

Ten employees Ava, Brooke, Charles, Daniel, Emma, Fraklin, Gloria, Harper, Ivan, and Jacob sit at two rectangular tables X and Y. Three of them like action novels, three like drama novels and the remaining like comedy novels. Four employees sit at table X and the remaining sit at table Y. The person sitting in the middle faces outside the center and the person sitting in the corner faces inside the center. People sitting at Table X sit in the middle of the table and at Table Y four persons sit in the middle and four sit in the corner. Two seats are vacant in Table Y.

Daniel sits at table X. Jacob does not sit at table Y. Gloria sits immediately left of Jacob and neither of them like drama. The one who likes comedy does not sit in the middle of table Y. Daniel likes comedy and sits opposite Gloria. Emma likes comedy and sits at table Y. Both the immediate neighbors of Emma like drama. Ava sits immediately left of the one who likes drama. Fraklin sits third to the right of Ava. Charles sits at table X. Brooke does not like drama and comedy. Two persons sit between Daniel and the one who likes drama. Ivan sits 2nd to the right of a vacant seat. Both the vacant seats are not adjacent to each other. One of the persons who likes action sits the immediate right of the one who likes comedy. After the arrangement: I. Ivan, Jacob and Harper change their novels. II. Fraklin and Gloria change their novels. III. Daniel changes his novel with the one who sits immediately left of Ava. IV. Brooke and Emma change their place but not the novels. Note: The final arrangement is obtained after the I, II, III, and IV changes are done.

The person who is sitting third to the right of person who is sitting immediately right of Fraklin likes _____ novels.

- A) Drama
- B) Either Action or Comedy
- C) Action
- D) Comedy
- E) Either Drama or Action

Q30. Direction: Read the following information carefully and answer the given questions.

Ten employees Ava, Brooke, Charles, Daniel, Emma, Fraklin, Gloria, Harper, Ivan, and Jacob sit at two rectangular tables X and Y. Three of them like action novels, three like drama novels and the remaining like comedy novels. Four employees sit at table X and the remaining sit at table Y. The person sitting in the middle faces outside the center and the person sitting in the corner faces inside the center. People sitting at Table X sit in the middle of the table and at Table Y four persons sit in the middle and four sit in the corner. Two seats are vacant in Table Y.

Daniel sits at table X. Jacob does not sit at table Y. Gloria sits immediately left of Jacob and neither of them like drama. The one who likes comedy does not sit in the middle of table Y. Daniel likes comedy and sits opposite Gloria. Emma likes comedy and sits at table Y. Both the immediate neighbors of Emma like drama. Ava sits immediately left of the one who likes drama. Fraklin sits third to the right of Ava. Charles sits at table X. Brooke does not like drama and comedy. Two persons sit between Daniel and the one who likes drama. Ivan sits 2nd to the right of a vacant seat. Both the vacant seats are not adjacent to each other. One of the persons who likes action sits the immediate right of the one who likes comedy. After the arrangement: I. Ivan, Jacob and Harper change their novels. II. Fraklin and Gloria change their novels. III. Daniel changes his novel with the one who sits immediately left of Ava. IV. Brooke and Emma change their place but not the novels. Note: The final arrangement is obtained after the I, II, III, and IV changes are done.

Who are the immediate neighbors of Jacob?

- A) Emma and Harper
- B) Gloria and Daniel
- C) Ava and Brooke
- D) Charles and Fraklin
- E) Ava and Fraklin

Q31. Direction: Read the following information carefully and answer the given questions.

Ten employees Ava, Brooke, Charles, Daniel, Emma, Fraklin, Gloria, Harper, Ivan, and Jacob sit at two rectangular tables X and Y. Three of them like action novels, three like drama novels and the remaining like comedy novels. Four employees sit at table X and the remaining sit at table Y. The person sitting in the middle faces outside the center and the person sitting in the corner faces inside the center. People sitting at Table X sit in the middle of the table and at Table Y four persons sit in the middle and four sit in the corner. Two seats are vacant in Table Y.

Daniel sits at table X. Jacob does not sit at table Y. Gloria sits immediately left of Jacob and

neither of them like drama. The one who likes comedy does not sit in the middle of table Y. Daniel likes comedy and sits opposite Gloria. Emma likes comedy and sits at table Y. Both the immediate neighbors of Emma like drama. Ava sits immediately left of the one who likes drama. Franklin sits third to the right of Ava. Charles sits at table X. Brooke does not like drama and comedy. Two persons sit between Daniel and the one who likes drama. Ivan sits 2nd to the right of a vacant seat. Both the vacant seats are not adjacent to each other. One of the persons who likes action sits the immediate right of the one who likes comedy. After the arrangement: I. Ivan, Jacob and Harper change their novels. II. Franklin and Gloria change their novels. III. Daniel changes his novel with the one who sits immediately left of Ava. IV. Brooke and Emma change their place but not the novels. Note: The final arrangement is obtained after the I, II, III, and IV changes are done.

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

- A) Emma
- B) Franklin
- C) Harper
- D) Ivan
- E) Ava

Q32. Direction: Read the following information carefully and answer the questions given below.

Eight persons A, B, C, D, E, F, G and H are born in four different years viz., 1964, 1977, 1982 and 1991 and also in two different months viz., June and July but not necessary in the same order. All they are wearing eight different watches namely Noise, Omega, Citizen, Casio, Tissot, Timex, Titan and Amazfit. No two persons born in same month of a year. Age of the persons is calculated as on December 2020. Each year two persons were born in two different months. Months are not considered for age calculation. The person who wears Noise born immediately before F. F was born in the month which has 30 days. The sum of the ages of B and the one who wears Omega is equal to perfect square of a number. There are only three persons born between E and the one who wears Casio. D was not born in odd numbered year. More than two persons born between H and one who wears Tissot. As many persons born between A and the one who wears Timex is same as the persons born after the one who wears Citizen. There are two persons born between D and the one who wears Titan. Age of the one who wears Casio is not a prime number but born in one of the months before the one who wears Citizen. There are only two persons born between the one who wears Casio and the one wears Omega. Only one person born between B and the one who wears Titan, who was not born in the year 1964. C and the one who wears Tissot are born in different month. A was born immediately after the F. H does not like Timex. F was not born immediately before or after the one who wear Citizen.

Who among the following is the Youngest?

- A) The one who wears Amazfit
- B) C
- C) The one who born immediately after F
- D) A

E) Both (a) and (b)

Q33. Direction: Read the following information carefully and answer the questions given below.

Eight persons A, B, C, D, E, F, G and H are born in four different years viz., 1964, 1977, 1982 and 1991 and also in two different months viz., June and July but not necessary in the same order. All they are wearing eight different watches namely Noise, Omega, Citizen, Casio, Tissot, Timex, Titan and Amazfit. No two persons born in same month of a year. Age of the persons is calculated as on December 2020. Each year two persons were born in two different months. Months are not considered for age calculation. The person who wears Noise born immediately before F. F was born in the month which has 30 days. The sum of the ages of B and the one who wears Omega is equal to perfect square of a number. There are only three persons born between E and the one who wears Casio. D was not born in odd numbered year. More than two persons born between H and one who wears Tissot. As many persons born between A and the one who wears Timex is same as the persons born after the one who wears Citizen. There are two persons born between D and the one who wears Titan. Age of the one who wears Casio is not a prime number but born in one of the months before the one who wears Citizen. There are only two persons born between the one who wears Casio and the one wears Omega. Only one person born between B and the one who wears Titan, who was not born in the year 1964. C and the one who wears Tissot are born in different month. A was born immediately after the F. H does not like Timex. F was not born immediately before or after the one who wear Citizen.

The one who wears Noise born in which month and year?

- A) June, 1977**
- B) July, 1982**
- C) June, 1982**
- D) July, 1964**
- E) None of these**

Q34. Direction: Read the following information carefully and answer the questions given below.

Eight persons A, B, C, D, E, F, G and H are born in four different years viz., 1964, 1977, 1982 and 1991 and also in two different months viz., June and July but not necessary in the same order. All they are wearing eight different watches namely Noise, Omega, Citizen, Casio, Tissot, Timex, Titan and Amazfit. No two persons born in same month of a year. Age of the persons is calculated as on December 2020. Each year two persons were born in two different months. Months are not considered for age calculation. The person who wears Noise born immediately before F. F was born in the month which has 30 days. The sum of the ages of B and the one who wears Omega is equal to perfect square of a number. There are only three persons born between E and the one who wears Casio. D was not born in odd numbered year. More than two persons born between H and one who wears Tissot. As many persons born between A and the one who wears Timex is same as the persons born after the one who wears Citizen. There are two persons born between D and the one who wears Titan. Age of the one who wears Casio is not a prime number but born in one of the months before the one who wears Citizen. There are only two persons born between the one who wears Casio and the one wears Omega. Only one person born between B and the one who

wears Titan, who was not born in the year 1964. C and the one who wears Tissot are born in different month. A was born immediately after the F. H does not like Timex. F was not born immediately before or after the one who wear Citizen.

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

- A) D
- B) F
- C) H
- D) C
- E) G

Q35. Direction: Read the following information carefully and answer the questions given below.

Eight persons A, B, C, D, E, F, G and H are born in four different years viz., 1964, 1977, 1982 and 1991 and also in two different months viz., June and July but not necessary in the same order. All they are wearing eight different watches namely Noise, Omega, Citizen, Casio, Tissot, Timex, Titan and Amazfit. No two persons born in same month of a year. Age of the persons is calculated as on December 2020. Each year two persons were born in two different months. Months are not considered for age calculation. The person who wears Noise born immediately before F. F was born in the month which has 30 days. The sum of the ages of B and the one who wears Omega is equal to perfect square of a number. There are only three persons born between E and the one who wears Casio. D was not born in odd numbered year. More than two persons born between H and one who wears Tissot. As many persons born between A and the one who wears Timex is same as the persons born after the one who wears Citizen. There are two persons born between D and the one who wears Titan. Age of the one who wears Casio is not a prime number but born in one of the months before the one who wears Citizen. There are only two persons born between the one who wears Casio and the one wears Omega. Only one person born between B and the one who wears Titan, who was not born in the year 1964. C and the one who wears Tissot are born in different month. A was born immediately after the F. H does not like Timex. F was not born immediately before or after the one who wear Citizen.

If 'H' is born between 'B' and 'C', then what can be the age of 'H'?

- A) 33 years
- B) 56 years
- C) 29 years
- D) 38 years
- E) None of these

Q36. Study the following information carefully to answer the given questions:

Certain number of persons are standing in a row facing north. Each person has a carton which are kept above one another. Each carton is of different colour i.e. Maroon, Indigo, Crimson, Violet, Orange, Black, Blue and Yellow but not necessarily in the same order. Only three people sit between P and Q. W has carton of Blue colour and is kept at the bottom of the stack. Only four people sit between Q and R. S sits third to the right of T. Only six people

sit between Q and U. Not more than three people sit between R and U. More than four people are between S and U. V sits third to the right of U. Only three cartons are kept between carton of S and carton of V. Carton of V is placed above carton of S. None of them sits between V and T. W sits eight to the left of R. The carton of Yellow colour is kept immediately above carton of V. Not more than three persons sit between P and W. Only three cartons are kept between the carton of Violet colour and the carton of Maroon colour. The Indigo carton is immediately above the Black carton. Only one carton is kept between the carton of Yellow colour and carton of P. Carton of T is of Yellow colour. Only one carton is kept between carton of Q and the carton of Orange colour. Carton of V is not of Indigo colour. Carton of U is kept immediately below the carton of Orange colour. The carton of Violet colour is kept immediately above carton of T.

How many persons sit in the row?

- A) Sixteen
- B) Seventeen
- C) Eighteen
- D) Nineteen
- E) Twenty

Q37. Study the following information carefully to answer the given questions:

Certain number of persons are standing in a row facing north. Each person has a carton which are kept above one another. Each carton is of different colour i.e. Maroon, Indigo, Crimson, Violet, Orange, Black, Blue and Yellow but not necessarily in the same order. Only three people sit between P and Q. W has carton of Blue colour and is kept at the bottom of the stack. Only four people sit between Q and R. S sits third to the right of T. Only six people sit between Q and U. Not more than three people sit between R and U. More than four people are between S and U. V sits third to the right of U. Only three cartons are kept between carton of S and carton of V. Carton of V is placed above carton of S. None of them sits between V and T. W sits eight to the left of R. The carton of Yellow colour is kept immediately above carton of V. Not more than three persons sit between P and W. Only three cartons are kept between the carton of Violet colour and the carton of Maroon colour. The Indigo carton is immediately above the Black carton. Only one carton is kept between the carton of Yellow colour and carton of P. Carton of T is of Yellow colour. Only one carton is kept between carton of Q and the carton of Orange colour. Carton of V is not of Indigo colour. Carton of U is kept immediately below the carton of Orange colour. The carton of Violet colour is kept immediately above carton of T.

Carton of R is of which colour?

- A) Crimson
- B) Maroon
- C) Violet
- D) Black
- E) Blue

Q38. Study the following information carefully to answer the given questions:

Certain number of persons are standing in a row facing north. Each person has a carton

which are kept above one another. Each carton is of different colour i.e. Maroon, Indigo, Crimson, Violet, Orange, Black, Blue and Yellow but not necessarily in the same order. Only three people sit between P and Q. W has carton of Blue colour and is kept at the bottom of the stack. Only four people sit between Q and R. S sits third to the right of T. Only six people sit between Q and U. Not more than three people sit between R and U. More than four people are between S and U. V sits third to the right of U. Only three cartons are kept between carton of S and carton of V. Carton of V is placed above carton of S. None of them sits between V and T. W sits eight to the left of R. The carton of Yellow colour is kept immediately above carton of V. Not more than three persons sit between P and W. Only three cartons are kept between the carton of Violet colour and the carton of Maroon colour. The Indigo carton is immediately above the Black carton. Only one carton is kept between the carton of Yellow colour and carton of P. Carton of T is of Yellow colour. Only one carton is kept between carton of Q and the carton of Orange colour. Carton of V is not of Indigo colour. Carton of U is kept immediately below the carton of Orange colour. The carton of Violet colour is kept immediately above carton of T.

How many persons sit between R and S?

- A) Six
- B) Seven
- C) Eight
- D) Nine
- E) Ten

Q39. Study the following information carefully to answer the given questions:

Certain number of persons are standing in a row facing north. Each person has a carton which are kept above one another. Each carton is of different colour i.e. Maroon, Indigo, Crimson, Violet, Orange, Black, Blue and Yellow but not necessarily in the same order. Only three people sit between P and Q. W has carton of Blue colour and is kept at the bottom of the stack. Only four people sit between Q and R. S sits third to the right of T. Only six people sit between Q and U. Not more than three people sit between R and U. More than four people are between S and U. V sits third to the right of U. Only three cartons are kept between carton of S and carton of V. Carton of V is placed above carton of S. None of them sits between V and T. W sits eight to the left of R. The carton of Yellow colour is kept immediately above carton of V. Not more than three persons sit between P and W. Only three cartons are kept between the carton of Violet colour and the carton of Maroon colour. The Indigo carton is immediately above the Black carton. Only one carton is kept between the carton of Yellow colour and carton of P. Carton of T is of Yellow colour. Only one carton is kept between carton of Q and the carton of Orange colour. Carton of V is not of Indigo colour. Carton of U is kept immediately below the carton of Orange colour. The carton of Violet colour is kept immediately above carton of T.

How many cartons are there between carton of Crimson colour and carton of S?

- A) One
- B) Two
- C) Three
- D) Four

E) Five

Q40. Each of the questions below consists of a question and three statements numbered I, II and III given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read the question and all three statements and give answer accordingly.

Six employees E, F, G, H, I, J attend office on six different days starting from Monday to Saturday and each of them have their office on different floors viz. 1st, 4th, 5th, 6th, 8th, 9th. The one who has office on 1st floor attend office on which of the following day?

I. Only two persons attend office in between G and H. The one who attend office on Wednesday has office on 8th floor. F has office on an even numbered floor. E attends the office immediately before I. G attends office before H and has office on an odd numbered floor. II. No one attend office after J. Only three persons attend office in between the one who has office on 1st floor and the one who has office on 5th floor. The one who attend office immediately before I has office 1st floor. III. G has office neither on 1st nor on 5th floor. F attends office immediately after H. The one who attend office on Thursday does not has office on 4th floor.

- A)** If the data in statement I and II together are sufficient to answer the question, while the data in statement III are not required to answer the question.
- B)** If the data in statement I and III together are sufficient to answer the question, while the data in statement II are not required to answer the question.
- C)** If the data in statement II and III are sufficient to answer the question, while the data in statement I are not required to answer the question.
- D)** If the data in all three statements I, II and III together are necessary to answer the question.
- E)** If the data in all the statements, I, II and III even together are not sufficient to answer the question.

Q41. The question given below consists of two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the questions. Read all the statements and give answer.

Certain number of people are sitting in a row facing north. T sits fourth from the left end. Only one person sits between F and T. How many persons sit in the row?

I. S sits fourth to the right of P. Less than three persons sit to the right of S. At least five persons sit between P and the person sitting at the extreme right end. Three persons sit between F and P. At least two persons sit between P and T.

II. S is the neighbour of G. There are at least 13 persons in the row. P sits fourth to the right of F. Only two persons sit to the right of S. Only two persons sit between P and G, who is not the neighbour of F. Either one or five persons are there to the left of F.

- A)** Neither Statement I nor Statement II is sufficient to answer the question.
- B)** Only Statement II is sufficient to answer the question.
- C)** Both Statements I and II are sufficient to answer the question.
- D)** Only Statement I is sufficient to answer the question.

E) Either Statement I or Statement II is sufficient to answer the question.

Q42. Directions: Read the questions on the basis of the information given below.

There are twelve person – P, Q, R, S, T, U, V, W, X, Y, Z and M who live in a building with 5 floors (Numbered 1 to 5). There are 3 flats on each floor from left to right Numbered 1 to 3. Immediate right of flat 2 means flat 3. Flat above flat means same flat number of above floors. There are 3 flats empty in this building. There can be only 1 flat empty on any floor. Also same flat number cannot be empty on any of the floors i.e. if Flat number 1 is empty on floor number 1, than flat 1 of any other floor cannot be empty. They all have different weights. They all earn different amounts - 10,000, 20,000, 30,000, 40,000, 50,000, 60,000, 70,000, 80,000, 85,000, 90,000, 95,000, 1,00,000.

I. Z lives on flat number 1 of floor number 3. One who earns 30,000 lives somewhere in the flat which is above Z's flat. One person lives between the one who earns 30,000 and V whose weight is 96 kg. II. P earns 40,000 who lives just below V's flat. One of the flats on which P lives is empty but that is not immediate left of P's flat. The one whose weight is 76 kg earns 90,000 lives on the flat second to right of Z. III. There are two floors between W whose weight is 72 kg and the one whose weight is 85 kg. W lives above the one whose weight is 85 kg. W does not earn 30,000. Y earns 95,000 and lives immediate right of the one whose weight is 85 kg. M and Y live on same floor. M earns 20,000 and his weight is 9 kg more than U. IV. There are two flats between M and an empty flat. U and the one who earns 50,000 lives on the same floor which is either floor number 1 or 2. One flat is empty on that floor. There is one empty flat between the one whose weight is 61 kg and the one who earns 10,000. V. The one whose weight is 61 kg is above the one who earns 10,000. The one whose weight is 55 kg lives on floor number 1. U has got 25 kg less than S who does not live on top floor. R and empty flat are on same floor. VI. X lives on one of the flats on the floor on which V lives. The one who earns 1,00,000 lives immediate right of X. The one who earns 80,000 lives just above the one who earns 85,000. The one who earns 70,000 lives below the one who earns 85,000 such that no one lives between them. T and U lives on same floor. Z's weight is 15 kg more than P. VII. R lives on a floor on which one flat is empty. Weight of one of the person on same floor who is earning 85,000 is 50% of V. The one whose weight is 82 kg lives on one of the floors above the floor of one whose weight is 90 kg.

What is the total weight of V and the one who earns 10,000?

- A) 264 kg
- B) 126 kg
- C) 159 kg
- D) 118 kg
- E) None of these

Q43. Directions: Read the questions on the basis of the information given below.

There are twelve person – P, Q, R, S, T, U, V, W, X, Y, Z and M who live in a building with 5 floors (Numbered 1 to 5). There are 3 flats on each floor from left to right Numbered 1 to 3. Immediate right of flat 2 means flat 3. Flat above flat means same flat number of above floors. There are 3 flats empty in this building. There can be only 1 flat empty on any floor. Also same flat number cannot be empty on any of the floors i.e. if Flat number 1 is empty on floor number 1, than flat 1 of any other floor cannot be empty. They all have different weights. They all earn different amounts - 10,000, 20,000, 30,000, 40,000, 50,000, 60,000, 70,000,

80,000, 85,000, 90,000, 95,000, 1,00,000.

I. Z lives on flat number 1 of floor number 3. One who earns 30,000 lives somewhere in the flat which is above Z's flat. One person lives between the one who earns 30,000 and V whose weight is 96 kg. II. P earns 40,000 who lives just below V's flat. One of the flats on which P lives is empty but that is not immediate left of P's flat. The one whose weight is 76 kg earns 90,000 lives on the flat second to right of Z. III. There are two floors between W whose weight is 72 kg and the one whose weight is 85 kg. W lives above the one whose weight is 85 kg. W does not earn 30,000. Y earns 95,000 and lives immediate right of the one whose weight is 85 kg. M and Y live on same floor. M earns 20,000 and his weight is 9 kg more than U. IV. There are two flats between M and an empty flat. U and the one who earns 50,000 lives on the same floor which is either floor number 1 or 2. One flat is empty on that floor. There is one empty flat between the one whose weight is 61 kg and the one who earns 10,000. V. The one whose weight is 61 kg is above the one who earns 10,000. The one whose weight is 55 kg lives on floor number 1. U has got 25 kg less than S who does not live on top floor. R and empty flat are on same floor. VI. X lives on one of the flats on the floor on which V lives. The one who earns 1,00,000 lives immediate right of X. The one who earns 80,000 lives just above the one who earns 85,000. The one who earns 70,000 lives below the one who earns 85,000 such that no one lives between them. T and U lives on same floor. Z's weight is 15 kg more than P. VII. R lives on a floor on which one flat is empty. Weight of one of the person on same floor who is earning 85,000 is 50% of V. The one whose weight is 82 kg lives on one of the floors above the floor of one whose weight is 90 kg.

Who lives on flat number 2 of floor number 2?

- A) S
- B) The one who earns 60,000
- C) The one whose weight is 90 kg
- D) The onw who earns 70,000
- E) Cannot be determined

Q44. Directions: Read the questions on the basis of the information given below.

There are twelve person – P, Q, R, S, T, U, V, W, X, Y, Z and M who live in a building with 5 floors (Numbered 1 to 5). There are 3 flats on each floor from left to right Numbered 1 to 3. Immediate right of flat 2 means flat 3. Flat above flat means same flat number of above floors. There are 3 flats empty in this building. There can be only 1 flat empty on any floor. Also same flat number cannot be empty on any of the floors i.e. if Flat number 1 is empty on floor number 1, than flat 1 of any other floor cannot be empty. They all have different weights. They all earn different amounts - 10,000, 20,000, 30,000, 40,000, 50,000, 60,000, 70,000, 80,000, 85,000, 90,000, 95,000, 1,00,000.

I. Z lives on flat number 1 of floor number 3. One who earns 30,000 lives somewhere in the flat which is above Z's flat. One person lives between the one who earns 30,000 and V whose weight is 96 kg. II. P earns 40,000 who lives just below V's flat. One of the flats on which P lives is empty but that is not immediate left of P's flat. The one whose weight is 76 kg earns 90,000 lives on the flat second to right of Z. III. There are two floors between W whose weight is 72 kg and the one whose weight is 85 kg. W lives above the one whose weight is 85 kg. W does not earn 30,000. Y earns 95,000 and lives immediate right of the one whose weight is 85 kg. M and Y live on same floor. M earns 20,000 and his weight is 9 kg more than U. IV. There are two flats between M and an empty flat. U and the one who earns 50,000

lives on the same floor which is either floor number 1 or 2. One flat is empty on that floor. There is one empty flat between the one whose weight is 61 kg and the one who earns 10,000. V. The one whose weight is 61 kg is above the one who earns 10,000. The one whose weight is 55 kg lives on floor number 1. U has got 25 kg less than S who does not live on top floor. R and empty flat are on same floor. VI. X lives on one of the flats on the floor on which V lives. The one who earns 1,00,000 lives immediate right of X. The one who earns 80,000 lives just above the one who earns 85,000. The one who earns 70,000 lives below the one who earns 85,000 such that no one lives between them. T and U lives on same floor. Z's weight is 15 kg more than P. VII. R lives on a floor on which one flat is empty. Weight of one of the person on same floor who is earning 85,000 is 50% of V. The one whose weight is 82 kg lives on one of the floors above the floor of one whose weight is 90 kg.

R lives on

- A) Flat number 2 of floor number 2
- B) Flat number 3 of floor number 3
- C) Flat number 3 of floor number 1
- D) Flat number 1 of floor number 4
- E) None of these

Q45. Directions: Read the questions on the basis of the information given below.

There are twelve person – P, Q, R, S, T, U, V, W, X, Y, Z and M who live in a building with 5 floors (Numbered 1 to 5). There are 3 flats on each floor from left to right Numbered 1 to 3. Immediate right of flat 2 means flat 3. Flat above flat means same flat number of above floors. There are 3 flats empty in this building. There can be only 1 flat empty on any floor. Also same flat number cannot be empty on any of the floors i.e. if Flat number 1 is empty on floor number 1, than flat 1 of any other floor cannot be empty. They all have different weights. They all earn different amounts - 10,000, 20,000, 30,000, 40,000, 50,000, 60,000, 70,000, 80,000, 85,000, 90,000, 95,000, 1,00,000.

I. Z lives on flat number 1 of floor number 3. One who earns 30,000 lives somewhere in the flat which is above Z's flat. One person lives between the one who earns 30,000 and V whose weight is 96 kg. II. P earns 40,000 who lives just below V's flat. One of the flats on which P lives is empty but that is not immediate left of P's flat. The one whose weight is 76 kg earns 90,000 lives on the flat second to right of Z. III. There are two floors between W whose weight is 72 kg and the one whose weight is 85 kg. W lives above the one whose weight is 85 kg. W does not earn 30,000. Y earns 95,000 and lives immediate right of the one whose weight is 85 kg. M and Y live on same floor. M earns 20,000 and his weight is 9 kg more than U. IV. There are two flats between M and an empty flat. U and the one who earns 50,000 lives on the same floor which is either floor number 1 or 2. One flat is empty on that floor. There is one empty flat between the one whose weight is 61 kg and the one who earns 10,000. V. The one whose weight is 61 kg is above the one who earns 10,000. The one whose weight is 55 kg lives on floor number 1. U has got 25 kg less than S who does not live on top floor. R and empty flat are on same floor. VI. X lives on one of the flats on the floor on which V lives. The one who earns 1,00,000 lives immediate right of X. The one who earns 80,000 lives just above the one who earns 85,000. The one who earns 70,000 lives below the one who earns 85,000 such that no one lives between them. T and U lives on same floor. Z's weight is 15 kg more than P. VII. R lives on a floor on which one flat is empty. Weight of one of the person on same floor who is earning 85,000 is 50% of V. The one whose weight is

82 kg lives on one of the floors above the floor of one whose weight is 90 kg. How many floors are there between the floors of X and T?

- A) Two
- B) Three
- C) One
- D) None
- E) Cannot be determined

Q46. Directions (46-50): In each of the questions given below three words are given in bold. These words may or may not be in their correct position. Following each sentence few sequences are provided. Select the sequence of the words which will make the given sentence contextually meaningful.

The scientist's **obfuscated** (A) on quantum physics was filled with technical terms that **presentation** (B) the topic for most of the audience, leaving them **bewildered** (C) and struggling to grasp the concepts.

- A) BAC
- B) ACB
- C) BCA
- D) Both (A) and (C)
- E) All (A), (B) and (C)

Q47. Directions (46-50): In each of the questions given below three words are given in bold. These words may or may not be in their correct position. Following each sentence few sequences are provided. Select the sequence of the words which will make the given sentence contextually meaningful.

The company's management team was divided into two **factions** (A), with one group **overtly** (B) advocating for a new product launch, while the other group **covertly** (C) worked to undermine the project behind the scenes.

- A) BAC
- B) ABC
- C) ACB
- D) Both (B) and (C)
- E) All (A), (B) and (C)

Q48. Directions (46-50): In each of the questions given below three words are given in bold. These words may or may not be in their correct position. Following each sentence few sequences are provided. Select the sequence of the words which will make the given sentence contextually meaningful.

The scientist, known for his **methodical** (A) and **deliberate** (B) research approach, embarked on a **ponderous** (C) study, carefully collecting and analyzing data over the course of several years to arrive at his groundbreaking discoveries.

- A) ABC
- B) BAC
- C) CAB
- D) Both (B) and (C)
- E) All (A), (B) and (C)

Q49. Directions (46-50): In each of the questions given below three words are given in bold. These words may or may not be in their correct position. Following each sentence few sequences are provided. Select the sequence of the words which will make the given sentence contextually meaningful.

As the young musician carefully **plucked (A)** the strings of his guitar, he **struck (B)** a chord that resonated through the room, **poking (C)** the audience's attention with the deliberate and melodious rhythm.

- A) ABC
- B) Both (A) and (C)
- C) BAC
- D) ACB
- E) All (A), (B) and (C)

Q50. Directions (46-50): In each of the questions given below three words are given in bold. These words may or may not be in their correct position. Following each sentence few sequences are provided. Select the sequence of the words which will make the given sentence contextually meaningful.

In the world of modern **technology (A)**, the inner workings of cutting-edge quantum computers may seem **esoteric (B)** to most, but the smartphones we use daily have become utterly **ubiquitous (C)**, altering the way we live and connect with the world.

- A) BCA
- B) Both (C) and (D)
- C) ABC
- D) ACB
- E) All (A), (B) and (C)

Q51. Directions (51-55): Two paragraphs with a blank space are provided in each of the following questions. Fill in the blank space with the most appropriate one out of the four options given below, taking into consideration the consistency and compatibility of the two paragraphs. If none of the given options seems appropriate to fill in the blank space, choose option (e) as your answer choice.

I. Good afternoon, thank you for coming in today. Can you please let me know when you'd be available to start if you were to join our company and is there anything else you'd like to discuss or any questions you have about the company or the role? II. _____ III. Certainly, our team is composed of highly skilled professionals who value collaboration. As for projects,

we're currently working on several exciting initiatives, including a major product launch.

- A)** I'm ready to start as soon as possible, and there are no specific questions or concerns I have about the role or the company.
- B)** Yes, I do have a question. I'd like to know more about the team I'll be working with and the main projects I'd be involved in.
- C)** I'm curious about the work culture here. Can you describe the values and principles that define the company?
- D)** I'm interested in the overall work environment. Could you tell me more about the organization's welfare policies for its employees?
- E)** None of the above

Q52. Directions (51-55): Two paragraphs with a blank space are provided in each of the following questions. Fill in the blank space with the most appropriate one out of the four options given below, taking into consideration the consistency and compatibility of the two paragraphs. If none of the given options seems appropriate to fill in the blank space, choose option (e) as your answer choice.

I. In recent years, our country's economy has flourished, driven by strong domestic demand, strategic investments in key sectors, and a focus on innovation, resulting in a steady increase in our GDP and regional economic leadership. II. _____ III. Despite significant economic progress, we acknowledge challenges like income inequality and sustainability. Our commitment is to build an inclusive, sustainable economy, sharing growth benefits and mitigating environmental impact, for a better quality of life for all.

- A)** Economic downturns can result from various factors, including financial crises, recessions, global economic issues, and overreliance on a single sector.
- B)** Our recent economic growth has been primarily driven by foreign investments, overshadowing the significance of domestic demand and innovation.
- C)** In contrast, our economic achievements have been primarily due to political stability, with minimal focus on technological advancements or diversification.
- D)** Economic success thrives on diversification, expanding beyond traditional sectors to invest in technology and services, enhancing resilience, and job market dynamism.
- E)** None of the above

Q53. Directions (51-55): Two paragraphs with a blank space are provided in each of the following questions. Fill in the blank space with the most appropriate one out of the four options given below, taking into consideration the consistency and compatibility of the two paragraphs. If none of the given options seems appropriate to fill in the blank space, choose option (e) as your answer choice.

I. Education forms the bedrock of individual and societal progress, providing the knowledge and competencies needed for personal development, economic well-being, and active citizenship, whether through formal or lifelong learning. II. Furthermore, education fosters critical thinking, problem-solving, and creativity. It empowers individuals to make informed decisions, contributes to economic competitiveness, and promotes social cohesion. III. _____

- A)** In today's globalized world, access to quality education is essential for reducing inequality and achieving sustainable development.
- B)** Education can perpetuate social inequalities by favoring privileged groups, and the pressure to conform to standardized testing can stifle creativity and critical thinking.
- C)** Despite its significance, education is solely focused on academic achievements, neglecting the development of essential life skills and practical knowledge.
- D)** Educational systems universally prioritize memorization over critical thinking, undermining the ability to adapt to real-world challenges and stifling creativity.
- E)** None of the above

Q54. Directions (51-55): Two paragraphs with a blank space are provided in each of the following questions. Fill in the blank space with the most appropriate one out of the four options given below, taking into consideration the consistency and compatibility of the two paragraphs. If none of the given options seems appropriate to fill in the blank space, choose option (e) as your answer choice.

I. _____ II. As the demand for freshwater resources rises due to population growth and industrialization, agriculture finds itself in a precarious position. III. In the face of this challenge, the agricultural sector's resilience and productivity rely on the implementation of inventive solutions and sustainable practices.

- A)** Crops like rice, which require substantial amounts of water, are particularly vulnerable.
- B)** Water scarcity may prompt farmers to change their crop choices, favoring more drought-resistant varieties.
- C)** Water, the lifeblood of agriculture, has always played a pivotal role in the success of farming practices. However, the world is facing a growing challenge: water scarcity
- D)** Implementing water-efficient techniques like drip irrigation, mulching, and precision agriculture can significantly reduce water usage while maintaining crop productivity.
- E)** None of the above

Q55. Directions (51-55): Two paragraphs with a blank space are provided in each of the following questions. Fill in the blank space with the most appropriate one out of the four options given below, taking into consideration the consistency and compatibility of the two paragraphs. If none of the given options seems appropriate to fill in the blank space, choose option (e) as your answer choice.

I. Baking, an age-old culinary art, has transcended its primary purpose of providing sustenance to become a source of joy, creativity, and a powerful stress-reliever for many. II. _____ III. Baking brings happiness into our lives for a scientific reason. When we bake, our brains release endorphins, the "feel-good" chemicals that alleviate stress and boost joy.

- A)** In recent years, the popularity of communities marketing positive emotional and therapeutic aspects has surged.
- B)** Baking is often perceived as a melancholy process that only involves following precise instructions to achieve the desired results.

- C) So, the next time you're feeling overwhelmed, why not head to the kitchen, don your apron, and immerse yourself in cooking?
- D) The process of mixing flour, sugar, and eggs to create delicious treats not only satiates our taste buds but also brings happiness and nourishes our soul.
- E) None of the above

Q56. Directions: Read each sentence to find out whether there is any grammatical or idiomatic error in it. In the following sentences, a part is highlighted in each sentence which is error-free, the error, if any, will be in any other part of the sentence. The letter of that part is the answer. If there is 'No error', the answer is (e). (Ignore errors of punctuation, if any).
Scientists has discovered that environmental (A)/ **factors play a greater role**/ than genetic variants in determining (B)/ the height of children (C)/ in low- and middle-income countries (LMICs). (D)

- A) A
- B) B
- C) C
- D) D
- E) No error

Q57. Directions: Read each sentence to find out whether there is any grammatical or idiomatic error in it. In the following sentences, a part is highlighted in each sentence which is error-free, the error, if any, will be in any other part of the sentence. The letter of that part is the answer. If there is 'No error', the answer is (e). (Ignore errors of punctuation, if any).
Cybersecurity firms are turning (A)/ to integrated platforms to offer (B)/ **comprehensive online security for both**/ B2B and end-users, as standalone tools (C)/ struggle to meet enterprise security needs. (D)

- A) A
- B) B
- C) C
- D) D
- E) No error

Q58. Directions: Read each sentence to find out whether there is any grammatical or idiomatic error in it. In the following sentences, a part is highlighted in each sentence which is error-free, the error, if any, will be in any other part of the sentence. The letter of that part is the answer. If there is 'No error', the answer is (e). (Ignore errors of punctuation, if any).
One of the student in the (A)/ advanced mathematics class consistently (B)/ **outperforms their peers**,/ showcasing exceptional (C)/ problem-solving skills.(D)

- A) A
- B) B

- C) C
- D) D
- E) No error

Q59. Directions: Read each sentence to find out whether there is any grammatical or idiomatic error in it. In the following sentences, a part is highlighted in each sentence which is error-free, the error, if any, will be in any other part of the sentence. The letter of that part is the answer. If there is 'No error', the answer is (e). (Ignore errors of punctuation, if any).

Two studies published in (A)/ **international journals have**/ found a worrying link among (B)/ air pollution levels and (C)/ the incidence of type 2 diabetes in Chennai and Delhi. (D)

- A) A
- B) B
- C) C
- D) D
- E) No error

Q60. Directions: Read each sentence to find out whether there is any grammatical or idiomatic error in it. In the following sentences, a part is highlighted in each sentence which is error-free, the error, if any, will be in any other part of the sentence. The letter of that part is the answer. If there is 'No error', the answer is (e). (Ignore errors of punctuation, if any).

The global carbon (A)/ **budget for a given temperature**/ limit is a global resource, common (B)/ to the entire world, but (C)/ is exhaustible and limited. (D)

- A) A
- B) B
- C) C
- D) D
- E) No error

Q61. Directions: Read each sentence to find out whether there is any grammatical or idiomatic error in it. In the following sentences, a part is highlighted in each sentence which is error-free, the error, if any, will be in any other part of the sentence. The letter of that part is the answer. If there is 'No error', the answer is (e). (Ignore errors of punctuation, if any).

The upgrade to the latest smartphone/ offers a bigger and better (A)/ display, enhancing the user's (B)/ experience for watching (C)/ videos and browse websites. (D)

- A) A
- B) B
- C) C
- D) D
- E) No error

Q62. Directions: In each of the following questions there are three blank spaces. Below each question there are some options and each option consist of three words which can be filled up in the blanks of the statement(s) to make the statement grammatically correct. Choose the correct alternative among the options given below.

The investigator, with _____ attention to detail, proceeded to _____ every piece of evidence, hoping to uncover the elusive truth behind the _____ case.

- A) meticulous, scrutinize, complex
- B) scandalous, ratify, complicated
- C) trivial, foresee, veiled
- D) virtuous, qualify, obvious
- E) vivid, ridicule, intricate

Q63. Directions: In each of the following questions there are three blank spaces. Below each question there are some options and each option consist of three words which can be filled up in the blanks of the statement(s) to make the statement grammatically correct. Choose the correct alternative among the options given below.

In the face of the challenging situation, she took a _____ approach, focusing on _____ solutions rather than getting lost in _____ theories.

- A) opportunistic, pragmatic, viable
- B) delusional, durable, historic
- C) pragmatic, practical, idealistic
- D) feasible, realistic, implemented
- E) obstruse, inevitable, probable

Q64. Directions: In each of the following questions there are three blank spaces. Below each question there are some options and each option consist of three words which can be filled up in the blanks of the statement(s) to make the statement grammatically correct. Choose the correct alternative among the options given below.

His _____ speech at the conference _____ the audience and _____ his deep knowledge on the subject.

- A) vocal, intimidated, perplexed
- B) exquisite, incapacitated, delivered
- C) radical, repelled, illustrated
- D) eloquent, captivated, conveyed
- E) verbal, strengthen, intrigued

Q65. Directions: In each of the following questions there are three blank spaces. Below each question there are some options and each option consist of three words which can be filled up in the blanks of the statement(s) to make the statement grammatically correct. Choose the correct alternative among the options given below.

His _____ pursuit of the truth led to the _____ that _____ solved the long-standing mystery.

- A) preserving, dimension, apologetically
- B) tenacious, breakthrough, ultimately
- C) conundrum, hesitation, eventually
- D) indifferent, breach, gradually
- E) apathetic, zenith, mistakenly

Q66. Directions: In each of the following questions there are three blank spaces. Below each question there are some options and each option consist of three words which can be filled up in the blanks of the statement(s) to make the statement grammatically correct. Choose the correct alternative among the options given below.

The _____ of how to allocate the _____ resources among competing projects required careful _____.

- A) candor, restricted, analysis
- B) procedure, inexhaustible, judgement
- C) conundrum, limited, consideration
- D) zealous, futuristic, admiration
- E) mechanism, vicarious, precaution

Q67. Directions: In each of the following questions there are three blank spaces. Below each question there are some options and each option consist of three words which can be filled up in the blanks of the statement(s) to make the statement grammatically correct. Choose the correct alternative among the options given below.

The charity's mission to _____ poverty was a _____ endeavour, but their dedication never _____.

- A) elevate, reckless, wandered
- B) prosecute, serendipity, capitulate
- C) prolific, sycophant, blurred
- D) reduce, malfeasance, distorted
- E) alleviate, quixotic, wavered

Q68. Direction: Answer the questions based on the information given below. The given line graph shows the revenue generated from debit card transactions and cash transactions for five different stores, A, B, C, D and E.

Note: (a) If the total revenue generated worldwide (from debit card and cash transactions) is less than 400 million, then the store is given a '3' rating. (b) If the total revenue generated worldwide (from debit card and cash transactions) is between 400 million and 500 million, then the store is given a '2' rating. (c) If the total revenue generated worldwide (from debit card and cash transactions) is more than 500 million, then the store is given a '1' rating. (d) The sum of revenue from debit card transactions for stores 'A' and 'E' is 420 million, and the

difference between the revenue from cash transactions for stores 'C' and 'D' is 48 million. Find the ratio of the total revenue generated from store 'A' and 'B' together from debit card transactions to the total revenue generated from store 'B' worldwide.

- A) 2 : 3
- B) 1 : 2
- C) 1 : 1
- D) 3 : 4
- E) None of these

Q69. Direction: Answer the questions based on the information given below. The given line graph shows the revenue generated from debit card transactions and cash transactions for five different stores, A, B, C, D and E.

Note: (a) If the total revenue generated worldwide (from debit card and cash transactions) is less than 400 million, then the store is given a '3' rating. (b) If the total revenue generated worldwide (from debit card and cash transactions) is between 400 million and 500 million, then the store is given a '2' rating. (c) If the total revenue generated worldwide (from debit card and cash transactions) is more than 500 million, then the store is given a '1' rating. (d) The sum of revenue from debit card transactions for stores 'A' and 'E' is 420 million, and the difference between the revenue from cash transactions for stores 'C' and 'D' is 48 million. For the store that received a '3' rating, out of the total revenue generated from debit card transaction, 60% was paid by males, and the rest was paid by females. Meanwhile, out of the total revenue generated from cash transactions, 25% was paid by males, and the rest was paid by females. Find the revenue generated worldwide from females for the store that received a '3' rating.

- A) 252 million
- B) 104 million
- C) 180 million
- D) 204 million
- E) None of these

Q70. Direction: Answer the questions based on the information given below. The given line graph shows the revenue generated from debit card transactions and cash transactions for five different stores, A, B, C, D and E.

Note: (a) If the total revenue generated worldwide (from debit card and cash transactions) is less than 400 million, then the store is given a '3' rating. (b) If the total revenue generated worldwide (from debit card and cash transactions) is between 400 million and 500 million, then the store is given a '2' rating. (c) If the total revenue generated worldwide (from debit card and cash transactions) is more than 500 million, then the store is given a '1' rating. (d) The sum of revenue from debit card transactions for stores 'A' and 'E' is 420 million, and the difference between the revenue from cash transactions for stores 'C' and 'D' is 48 million. Which of the given store is/are given the rating '2'?

- A) Store A
- B) Store B

- C) Store B and C
- D) Store D
- E) Store A and B

Q71. Direction: Answer the questions based on the information given below. The given line graph shows the revenue generated from debit card transactions and cash transactions for five different stores, A, B, C, D and E.

Note: (a) If the total revenue generated worldwide (from debit card and cash transactions) is less than 400 million, then the store is given a '3' rating. (b) If the total revenue generated worldwide (from debit card and cash transactions) is between 400 million and 500 million, then the store is given a '2' rating. (c) If the total revenue generated worldwide (from debit card and cash transactions) is more than 500 million, then the store is given a '1' rating. (d) The sum of revenue from debit card transactions for stores 'A' and 'E' is 420 million, and the difference between the revenue from cash transactions for stores 'C' and 'D' is 48 million. How much percent more is the total revenue generated worldwide for the stores that received a '1' rating compared to the revenue generated from cash transactions for store A?

- A) 266%
- B) 220%
- C) 325%
- D) 100%
- E) None of these

Q72. Direction: Study the following data carefully and answer the questions accordingly.

The given table shows data regarding the total number of vehicles (cars + motorcycles) in five different cities. It also displays the percentage/ number of cars and the percentage of motorcycles in each city relative to the total number of vehicles in that city. Some of the data is missing from the table. You need to calculate the missing data and answer the questions based on it.

Cities	Total number of vehicles in the cities	Percentage/ number of cars in the city	Percentage of motorcycle in the city
Pune	—	480	—
Delhi	—	600	25%
Jaipur	—	30%	—
Punjab	900	—	—
Haryana	—	—	60%

Let 'a' represent the difference between the number of cars and motorcycles in the city of 'Jaipur,' and 'b' represent the total number of vehicles in the city of 'Jaipur.' Which of the following options accurately expresses the relationship between 'a' and 'b'?

- A) $5a = 7b$
- B) $4a = 3b$
- C) $5a - 3b = 0$
- D) $5a - 2b = 0$
- E) $5a = 2b$

Q73. Direction: Study the following data carefully and answer the questions accordingly. The given table shows data regarding the total number of vehicles (cars + motorcycles) in five different cities. It also displays the percentage/ number of cars and the percentage of motorcycles in each city relative to the total number of vehicles in that city. Some of the data is missing from the table. You need to calculate the missing data and answer the questions based on it.

Cities	Total number of vehicles in the cities	Percentage/ number of cars in the city	Percentage of motorcycle in the city
Pune	—	480	—
Delhi	—	600	25%
Jaipur	—	30%	—
Punjab	900	—	—
Haryana	—	—	60%

Suppose the number of vehicles in the city of 'Punjab' is 25% less than the number of vehicles in the city of 'Pune', what is the percentage of motorcycles among the total number of vehicles in Pune?

- A) 39%
- B) 72%
- C) 60%
- D) 65%
- E) None of these

Q74. Direction: Study the following data carefully and answer the questions accordingly. The given table shows data regarding the total number of vehicles (cars + motorcycles) in five different cities. It also displays the percentage/ number of cars and the percentage of motorcycles in each city relative to the total number of vehicles in that city. Some of the data is missing from the table. You need to calculate the missing data and answer the questions based on it.

Cities	Total number of vehicles in the cities	Percentage/ number of cars in the city	Percentage of motorcycle in the city
Pune	—	480	—
Delhi	—	600	25%
Jaipur	—	30%	—
Punjab	900	—	—
Haryana	—	—	60%

Suppose the ratio of the number of cars in cities 'Jaipur' and 'Punjab' is 5 : 9, and the difference between the number of motorcycles in city 'Jaipur' and 'Punjab' is 340, what is the total number of vehicles in city 'Jaipur'?

- A) 1600
- B) 1080
- C) 1500
- D) 1000
- E) None of these

Q75. Direction: Study the following information carefully and answer the questions.

The following pie chart shows the distribution of the number of laptops sold by five stores.

Conditions: I. The total number of laptops sold by all the five stores (A, B, C, D and E) taken together is 7200. II. $(19z - 4y) = 42$ III. $z^2 + 2z - 224 = 0$

Note: The values given in the above given pie chart in the form of degree or percentage form cannot be negative.

If 38% of the all laptops sold by store E are gaming laptops and remaining are non gaming laptops, then find out the number of non gaming laptops sold by store E.

- A) 1308
- B) 1372
- C) 1250
- D) 1544
- E) 1488

Q76. Direction: Study the following information carefully and answer the questions.

The following pie chart shows the distribution of the number of laptops sold by five stores.

Conditions: I. The total number of laptops sold by all the five stores (A, B, C, D and E) taken together is 7200. II. $(19z - 4y) = 42$ III. $z^2 + 2z - 224 = 0$

Note: The values given in the above given pie chart in the form of degree or percentage form cannot be negative.

The average number of laptops sold by store A, C, E and B together is how much more than the average number of laptops sold by store B and D together?

- A) 504
- B) 397
- C) 518
- D) 482
- E) None of the above

Q77. Direction: Study the following information carefully and answer the questions.

The following pie chart shows the distribution of the number of laptops sold by five stores.

Conditions: I. The total number of laptops sold by all the five stores (A, B, C, D and E) taken together is 7200. II. $(19z - 4y) = 42$ III. $z^2 + 2z - 224 = 0$

Note: The values given in the above given pie chart in the form of degree or percentage form cannot be negative.

If the difference between the number of laptops sold by store D and E is 75% less than the number of laptops sold by store F and the ratio between the number of laptops sold by store F and the number of laptops unsold by the same store is 62 : 75, then find out the number of laptops unsold by store F.

- A) 4800
- B) 3600
- C) 4000
- D) 3900

E) 3500

Q78. Direction: Study the following information carefully and answer the questions.

The following pie chart shows the distribution of the number of laptops sold by five stores.

Conditions: I. The total number of laptops sold by all the five stores (A, B, C, D and E) taken together is 7200. II. $(19z - 4y) = 42$ III. $z^2 + 2z - 224 = 0$

Note: The values given in the above given pie chart in the form of degree or percentage form cannot be negative.

If the MRP of each laptop of store A is 68000 and $\frac{5}{6}$ of the total number of laptops sold by store A were sold on MRP and remaining were sold at 'a%' discount, then find out the value of 'a'. It is assumed that the total amount collected by store A by selling the laptops is 122204160.

A) 28

B) 40

C) 21

D) 33

E) 24

Q79. Suppose five friends Ritu, Mohani, Aman, Sam and Kiran are appointed to complete a certain piece of work. Ram and Mohani together can complete a work in 24 days. Mohani and Aman together can complete 50% of the work in 15 days. Aman and Sam together can complete the work in 24 days. Ritu and Kiran together can complete 16.66% of the work in 6 days. Sam and Kiran together can complete the work in 20 days.

Suppose Bittu is 50% more efficient than Aman then, what will be the time taken by Bittu alone to complete 40% of the work.

A) 54 days

B) 48 days

C) 36 days

D) 15 days

E) None of these

Q80. 'S' undertook an investment endeavor by investing ' $a + 1000$ ' into a scheme yielding a simple interest rate of 20% per annum for a duration of three years. Simultaneously, 'A' ventured into a financial enterprise by investing ' $a - 4000$ ' in a compound interest scheme at a 20% annual rate for a three-year period. If the difference between interest earned from both investments is 1,080, then which of the following statement(s) is/are true? I. The variable 'a' can take multiple values. II. The minimal value for 'a' is less than 10,000. III. 'a' is an even integer.

A) Only I

B) Only I and II

C) Only III

- D) Only I and III
- E) None of these

Q81. Three friends, 'X', 'Y', and 'Z', decided to start a business together. They made investments of 6,000, 8,000, and 5,000, respectively. The time for which 'X', 'Y', and 'Z' kept their money invested is 't' months, $(t - 3)$ months, and $(t + 3)$ months, respectively. During the period for which 'X' had his investment, he also worked as a manager for which he received a monthly salary of 3,000 from the gross profit. At the end of the business venture, the amount received by 'X' was 25,000 more than that received by 'Z'. The total profit was 81,000. Find the profit share of Y.

- A) 12,000
- B) 19,000
- C) 24,000
- D) 25,000
- E) 16,000

Q82. In a plastic bag, there are $(a + 5)$ red rubber bands, $(2b - 5)$ blue rubber bands, and $(2.5a - 5)$ black rubber bands. The number of red rubber bands is 40% less than the number of blue rubber bands, which is 25% more than the number of black rubber bands. In a separate box, there are $(a + b)$ white rubber bands, $(3b - a)$ orange rubber bands, and $(b - a)$ yellow rubber bands. Calculate the probability of randomly selecting 2 white rubber bands, from the box, given that the selection is done without replacement.

- A) $15/104$
- B) $4/13$
- C) $35/104$
- D) $6/17$
- E) None of these

Q83. Direction : "You are presented with two quantities, labeled as Quantity I and Quantity II. Your task is to solve both quantities and determine the correct relationship between Quantity I and Quantity II. After solving, choose the appropriate option that describes the relationship correctly."

Quantity-I: The time required for tap 'P' to fill a water tank is 4 hours more than the time taken by tap 'P' and tap 'Q' together to complete the same task. If tap 'P' takes 'p' hours to fill the tank independently, deduce the value of '25p,' given that tap 'Q' can independently fill the tank in 15 hours. Quantity-II: Determine the number of distinct ways to partition a group of 7 individuals into three subgroups. One of these subgroups must consist of 3 members, while the remaining subgroups should each have 2 members."

- A) Quantity-I > Quantity-II
- B) Quantity-I < Quantity-II
- C) Quantity-I = Quantity-II

- D) Quantity-I = Quantity-II or No relation
E) Quantity-I Quantity-II

Q84. Direction : "You are presented with two quantities, labeled as Quantity I and Quantity II. Your task is to solve both quantities and determine the correct relationship between Quantity I and Quantity II. After solving, choose the appropriate option that describes the relationship correctly."

Quantity-I: The monthly income of Tarun is $(z + 3300)$. He spent 'y%' on education and $(1/3)$ of the remaining was spent on house rent. After that 652 was spent on travelling and $(y + 14)\%$ of the remaining was saved in bank and remaining was saved in the post office. If the amount spent on house rent by him is 12826 and $(7y^2 - 476y + 8092 = 0)$, then find out the 2.5% of 'z'. Quantity-II: If $1.2P^2 = 2268750$, then find out the value of 'P'.

- A) Quantity-I > Quantity-II
B) Quantity-I < Quantity-II
C) Quantity-I Quantity-II
D) Quantity-I = Quantity-II or No relation
E) Quantity-I Quantity-II

Q85. Direction : Study the following information carefully and answer the given question.

Observe the Series I carefully to identify the logic and obtain the value of 'P'. In both of the series, the same logic is applied. Series I: 60, 68, 14, (P), -294, 786, -1272 Series II: (P-12), Q, R, S, T, U, W

What is the value of 'R'?

- A) -6
B) 152
C) 148
D) 168
E) 145

Q86. Direction : Study the following information carefully and answer the given question.

Observe the Series I carefully to identify the logic and obtain the value of 'P'. In both of the series, the same logic is applied. Series I: 60, 68, 14, (P), -294, 786, -1272 Series II: (P-12), Q, R, S, T, U, W

If the average of the values of 'S' and 'U' will be equal to the first term of a newly formed third series, then which of the following statements is/are true? It is assumed that each of the series is following the same logic in this question. (i) The sum of the values of 'T' and 'W' is the multiple of 9. (ii) The fourth term of the third series is an odd number. (iii) The difference between the value of 'Q' and the second term of the third series is 426.

- A) Only (i) and (iii)
B) Only (ii)
C) Only (ii) and (iii)

- D)** Only (iii)
E) None is true

Q87. Directions: Read the table carefully and answer the following question.

The table shows the data about distance (km) covered from one point to another point by the vehicle used between each point and speed of each vehicle (km/h). Note: (i) If one person wants to travel from P to S, then he/she can only use a vehicle available at the point P. (ii) ** means there is no direct connection between given points.

P	Q	R	S	Transport Vehicle	Speed (km/h)
P	0	360**	780	Train	60
Q	5400	**	600	Taxi	50
R	420	7200	**	Bus	40
S	630**	9000	0	Bike	45

If Vasu travels from P to S and Sanjeet travels from Q to P, then find the difference between the maximum distance travelled by both of them.

- A)** 245
B) 260
C) 250
D) 240
E) None of these

Q88. Directions: Read the table carefully and answer the following question.

The table shows the data about distance (km) covered from one point to another point by the vehicle used between each point and speed of each vehicle (km/h). Note: (i) If one person wants to travel from P to S, then he/she can only use a vehicle available at the point P. (ii) ** means there is no direct connection between given points.

P	Q	R	S	Transport Vehicle	Speed (km/h)
P	0	360**	780	Train	60
Q	5400	**	600	Taxi	50
R	420	7200	**	Bus	40
S	630**	9000	0	Bike	45

If Gaurav wants to travel from P to R, then find the minimum time required by him to cover this distance.

- A)** 30 hours
B) 37.5 hours
C) 33 hours
D) 25 hours
E) 42 hours

Q89. Directions: Read the table carefully and answer the following question.

The table shows the data about distance (km) covered from one point to another point by the vehicle used between each point and speed of each vehicle (km/h). Note: (i) If one person wants to travel from P to S, then he/she can only use a vehicle available at the point P. (ii) **

means there is no direct connection between given points.

P	Q	R	S	Transport Vehicle	Speed (km/h)
P 0	360	**	780	Train	60
Q 5400	**	600	Taxi	50	
R 4207200	**	Bus	40		
S 630**	9000	Bike	45		

If Hemant travels from P to S via Q and the fair of the vehicle per km from point Q to S is 25% more than that of from P to Q, then the total fair collected is 19980. Find the train fare per km.

- A) 25
- B) 18
- C) 32
- D) 40
- E) 30

Q90. Directions: Read the table carefully and answer the following question.

The table shows the data about distance (km) covered from one point to another point by the vehicle used between each point and speed of each vehicle (km/h). Note: (i) If one person wants to travel from P to S, then he/she can only use a vehicle available at the point P. (ii) ** means there is no direct connection between given points.

P	Q	R	S	Transport Vehicle	Speed (km/h)
P 0	360	**	780	Train	60
Q 5400	**	600	Taxi	50	
R 4207200	**	Bus	40		
S 630**	9000	Bike	45		

Find the minimum possible sum of the time (in hours) taken to cover distance from P to S and from R to S.

- A) 42.5
- B) 27.5
- C) 33.2
- D) 25.4
- E) 36.5

Q91. Directions: Read the table carefully and answer the following question.

The table shows the data about distance (km) covered from one point to another point by the vehicle used between each point and speed of each vehicle (km/h). Note: (i) If one person wants to travel from P to S, then he/she can only use a vehicle available at the point P. (ii) ** means there is no direct connection between given points.

P	Q	R	S	Transport Vehicle	Speed (km/h)
P 0	360	**	780	Train	60
Q 5400	**	600	Taxi	50	
R 4207200	**	Bus	40		
S 630**	9000	Bike	45		

A three-digit number PQR, when multiplied by a single digit number X, then the product is 2634. In the number PQR, the digit at tens place is equal to half of X. Which of the following

statements is/are true about PQR? (i) Unit digit is 9 (ii) It is a prime number (iii) Sum of the digits is 18

- A) Only (i) and (iii)
- B) Only (i) and (ii)
- C) Only (iii)
- D) All (i), (ii) and (iii)
- E) None of these

Q92. Directions: Read the information carefully and answer the following questions.

A cube of side C cm is placed inside the sphere of radius R cm in such a way that sphere touches all the vertex of the cube. A cone of radius $\sqrt[3]{3}R$ cm and height H cm has volume 3168 cm^3 .

What is the ratio of the total surface area of the sphere to the lateral surface area of the cube?

- A) 33 : 17
- B) 33 : 19
- C) 31 : 17
- D) 33 : 14
- E) 29 : 17

Q93. Directions: Read the information carefully and answer the following questions.

A cube of side C cm is placed inside the sphere of radius R cm in such a way that sphere touches all the vertex of the cube. A cone of radius $\sqrt[3]{3}R$ cm and height H cm has volume 3168 cm^3 .

What is the relation between the C and H ?

- A) $C^2 = \frac{1600}{H}$
- B) $C^2 = \frac{2300\sqrt{3}}{H}$
- C) $H^2 = \frac{1125\sqrt{3}}{C}$
- D) $C^2 = \frac{1200\sqrt{3}}{H}$
- E) $C^2 = \frac{1344}{H}$

Q94. Directions: Solve the number series to answer the following questions.

$\sqrt[n]{A}$, 31, B , C , 439, $B + 687$, 1296 Note: (i) All the terms in the given series and 'n' are positive integer. (ii) Difference between 31 and B is X , which has 3 factors excluding X itself, those are 13, 5 and $(A - 8)$.

What is the value of $(A + C - n)$?

- A) 229
- B) 232
- C) 221

D) 224

E) 225

Q95. Directions: Solve the number series to answer the following questions.

$\sqrt[n]{A}$, 31, B, C, 439, B + 687, 1296 Note: (i) All the terms in the given series and 'n' are positive integer. (ii) Difference between 31 and B is X, which has 3 factors excluding X itself, those are 13, 5 and (A - 8).

What is the LCM of (B + 34) and X?

A) 101

B) 102

C) 130

D) 104

E) 195

Q96. Directions: Solve the quadratic and answer the following questions.

A : $(x-2)^2 = (-3x^2) + 2^2 + 25x - P$

B : $\left(10y^2 - 3^2y + \frac{2}{3}\right) \times 3 + 10y = 0$

One root of equation A is 5.

$\frac{7P}{P-24} \times 0.2P - 91$ is equal to

A) $P + 2$ B) $2P + 2$ C) $2P - 1$ D) $P - 1$

E) None of these

Q97. Directions: Solve the quadratic and answer the following questions.

A : $(x-2)^2 = (-3x^2) + 2^2 + 25x - P$

B : $\left(10y^2 - 3^2y + \frac{2}{3}\right) \times 3 + 10y = 0$

One root of equation A is 5.

Find the product of smallest root of equation A and smallest two-digit prime number.

A) $13\frac{1}{4}$ B) $17\frac{1}{4}$ C) $24\frac{3}{4}$ D) $13\frac{3}{4}$ E) $23\frac{3}{7}$

Q98. Directions: Solve the quadratic and answer the following questions.

A : $(x-2)^2 = (-3x^2) + 2^2 + 25x - P$

B : $\left(10y^2 - 3^2y + \frac{2}{3}\right) \times 3 + 10y = 0$

One root of equation A is 5.

Which of the following are the smallest root of equation A and largest root of equation B- respectively?

- A) $\frac{9}{4}$, $\frac{2}{5}$
- B) $\frac{2}{5}$, 5
- C) $\frac{9}{4}$, $\frac{1}{6}$
- D) $\frac{2}{3}$, $\frac{3}{5}$
- E) None of the above

Q99. Quantity I: $\frac{(2a^3 + 2b^3)(a-b)}{(8a^2 - 9ab + 2b^2 + 7ab - 6a^2)(a^2 - b^2)}$

Quantity II: Value of $P - 2Q$ if $Q < (-1) < P$, Where P and Q are integers.

- A) Quantity I < Quantity II
- B) Quantity I > Quantity II
- C) Quantity I = Quantity II
- D) Quantity I Quantity II
- E) Quantity I Quantity II

Q100. A four-digit odd number 'M' whose unit digit is not 5 when divided by a prime number gives resultant as a three-digit number 'N' whose tens place digit is 0. The sum of digits of M is 8 while that of N is 5. If $M < 3400$ then which of the following statement/s is/are correct about M and N?

I. Product of the digits of M is 3 more than the sum of the digits of N II. Difference between the hundred place digits of M and N is 2 III. Sum of M and N is 1729

- A) Only (II)
- B) Only (I) and (II)
- C) Only (II) and (III)
- D) Only (I)
- E) All of the above

Q101. Directions: Read the information carefully and answer the questions.

A, B, C and D together can do a work 'X' in 14 days. The ratio of efficiency of A to that of C is 3 : 2. C is 50% less efficient than that of B and B is $33\frac{1}{3}\%$ more efficient than D. A and B together can complete work 'X' in 'x' days, while A and D can do the same work together in 'y' days.

Two persons P and Q together can complete another work 'Y' in $(x - 9)$ days, while P and R together can complete the same work in $(y - 4)$ days. If P, Q and R together can complete the work 'Y' in $\frac{3x}{0.5y - 8}$ days, then efficiency of 'R' is what percent more or less than the efficiency of 'Q'?

- A) 80%
- B) 120%

- C) 100%
- D) 150%
- E) 60%

Q102. Directions: Read the information carefully and answer the questions.

A, B, C and D together can do a work 'X' in 14 days. The ratio of efficiency of A to that of C is 3 : 2. C is 50% less efficient than that of B and B is $33\frac{1}{3}\%$ more efficient than D. A and B together can complete work 'X' in 'x' days, while A and D can do the same work together in 'y' days.

'j' men can complete a work in $(x + 4)$ day, while $(y - 8)$ men can complete the same work in 'k' days. If $(y + 2)$ men can complete the same work in $(0.5k + 3.5)$ days, then find in how many days $(k - j)$ men can complete the same work.

- A) 21 days
- B) 42 days
- C) 70 days
- D) 64 days
- E) 84 days

Q103. An 8-member high-level panel has been formed by the government to address the concept of "One nation, One election. Who is the chairman of the committee?

- A) Rajnath Singh
- B) Manmohan Singh
- C) Ramnath Kovind
- D) Ravishankar Prasad
- E) None of the above

Q104. Which of the following organizations has joined One CGIAR integrated partnership?

- A) ICRISAT
- B) ICAR
- C) DRDO
- D) ISRO
- E) None of the above

Q105. The cabinet recently granted approval for a viability gap funding of Rs. 3760 for a battery energy storage system. This initiative aims to facilitate the establishment of 4000 MW projects by the fiscal year 2030-2031, with financial assistance covering up to what percentage of the total capital cost?

- A) 20%

- B) 25%
- C) 30%
- D) 40%
- E) 50%

Q106. SIDBI inks MoU with India Post Payments Bank (IPPB) on October 11, 2023 for development and financing of _____ in rural and remote areas of the country by leveraging strengths of respective Institutions.

- A) Informal micro enterprises
- B) MSMEs
- C) Formal Micro Financing Agencies
- D) Traditional artisans
- E) None of the above

Q107. Psyche is a NASA mission to study a metal-rich asteroid with the same name, located in the main asteroid belt between which planets?

- A) Mercury and Mars
- B) Mars and Jupiter
- C) Venus and Mars
- D) Jupiter and Saturn
- E) None of the above

Q108. The Reserve Bank of India's Digital Payments Index (RBI-DPI), has increased across all parameters driven by significant growth in payment infrastructure and payment performance across the country over the period, which of the following parameters has the highest weight for RBI-Digital Payments Index?

- A) Payment Enablers
- B) Payment Infrastructure Demand-side factors
- C) Payment Infrastructure Supply-side factors
- D) Payment Performance
- E) Consumer Behaviour

Q109. In October 2023, Dr. Joyeeta Gupta received the Spinoza Prize, the highest distinction in Dutch science for her work in the field of _____.

- A) Climate Change
- B) Electronic Waste
- C) Logarithmic Solution

D) Ocean acidification

E) None of the above

Q110. Ashwini Vaishnav inaugurated India's first 3D printed post office building in Bengaluru. It has been constructed by _____ company along with _____.

A) L & T and IIT Madras

B) NTPC and IIT Kanpur

C) Tata and IIT Delhi

D) Birla sons and IIT Bombay

E) None of the above

Q111. Which fintech company has launched a new shopping app called "Pincode" which is built on top of the ONDC platform?

A) Paytm

B) PhonePe

C) Google Pay

D) MobiKwick

E) None of the above

Q112. In October 2023, the Reserve Bank of India (RBI) approved whom to acquire 9.99 percent of the paid-up share capital in private lender IndusInd Bank?

A) SBI mutual fund

B) LIC

C) Barclays Bank PLC

D) BNP Paribas

E) None of the above

Q113. Which of the following banks has launched the country's 1st ever numberless credit card with no CVV expiry date?

A) RBL Bank

B) Kotak Mahindra Bank

C) Axis Bank

D) Yes Bank

E) IDFC First Bank

Q114. Which of the following banks has introduced a facility to allow customers to enroll in social security schemes such as Pradhan Mantri Jeevan Jyoti Bima Yojana, the Pradhan

Mantri Suraksha Bima Yojana, and the Atal Pension Yojana by just furnishing an Aadhaar card?

- A) Bank of India
- B) Bank of Baroda
- C) Union Bank of India
- D) State Bank of India
- E) Canara Bank

Q115. The Reserve Bank of India (RBI) has announced that it will release _____ of the funds held under the Income-Recognition and Asset Classification (I-CRR) framework on September 9th, _____ further 25% will be released on September 23rd, and _____ on October 7th.

- A) 15%, 35%, 50%
- B) 50%, 25%, 20%
- C) 25%, 25%, 50%
- D) 35%, 30%, 40%
- E) None of the above

Q116. Which of the following global initiatives is led by India?

- A) Climate Action Network (CAN)
- B) International Solar Alliance (ISA)
- C) Coalition for Disaster Resilient Infrastructure (CDRI)
- D) World Health Organisation
- E) None of the above

Q117. According to the October 2023 World Economic Outlook report by the IMF, what will be India's GDP growth rate in the FY24 & FY25?

- A) 6.1%
- B) 6.3%
- C) 6.5%
- D) 6.7%
- E) 7.1%

Q118. The World Heritage committee has listed Sacred Ensembles of Hoysalas as the 42nd World heritage site in India. Which of the following are there in the Hoysalas temple list?

- A) Channakeshava Temple
- B) Keshava temple

- C) Hoysaleswara temple
- D) Only (a) and (c)
- E) All (a), (b) and (c)

Q119. Recently Sikkim experienced a Glacial Lake _____ Flood in the teesta river basin over Lhonak lake killed seven people. What will come in place of blank space?

- A) Outburst
- B) Outwash
- C) Overflowed
- D) Overthrust
- E) None of the above

Q120. What is the name of the Israel cutting edge rocket defense system?

- A) HIMARS rocket
- B) Iron dome
- C) Iron Dome
- D) National missile defense
- E) None of the above

Q121. According to the Ministry of Petroleum and Natural Gas (MoPNG), it will add as much as 56.6 million tonnes per annum (mtpa) of crude oil refining capacity in the next seven years (by 2030). What is the rank of India in crude oil refining?

- A) 3rd
- B) 4th
- C) 5th
- D) 6th
- E) 7th

Q122. TRIFED Showcases India's Tribal Craftsmanship of Longpi pottery at G-20, Longpi pottery is of which state?

- A) Arunachal Pradesh
- B) Nagaland
- C) Assam
- D) Manipur
- E) Mizoram

Q123. In September 2023, NASA astronaut Frank Rubio made history by returning to Earth

after an extraordinary 371 days in space, shattering previous records. However, the ultimate record for the longest duration spent in space remains with the late Russian cosmonaut Valeri Polyakov, who completed an astounding _____ aboard Russia's Mir space station between January 1994 and March 1995.

- A) 417 days
- B) 427 days
- C) 437 days
- D) 447 days
- E) 457 days

Q124. The ferry service will run between the port town of Nagapattinam in Tamil Nadu and Kankesanthurai, a resort hub in the Jaffna district of northern Sri Lanka, covering a total distance of _____.

- A) 60 Nautical miles
- B) 65 Nautical miles
- C) 70 Nautical miles
- D) 75 Nautical miles
- E) 90 Nautical miles

Q125. Who recommends the distribution of the net proceeds of taxes between the Union government and the state governments?

- A) NITI Aayog
- B) Yojana Aayog
- C) Finance Commission
- D) Ministry of Finance
- E) None of the above

Q126. Which of the bank has partnered with Athletics Federation of India (AFI) to support women athletes of the country, especially the youngsters.

- A) HSBC
- B) Citi Bank
- C) BNP Paribas
- D) DBS Bank India Limited
- E) Deutsche Bank

Q127. All the Nobel Prizes are awarded in Stockholm, Sweden. The Nobel peace prize is awarded in which country?

- A) Oslo, Norway

- B)** Helsinki, Finland
- C)** Copenhagen, Denmark
- D)** Madrid, Spain
- E)** Brussels, Belgium

Q128. Who are the parties / stakeholders in a tokenisation transaction?

- A)** Merchant
- B)** Merchant's acquirer
- C)** Issuer
- D)** Customer
- E)** All of the above

Q129. Which of the following sports is not included in Olympic 2028?

- A)** Cycling
- B)** Billiards
- C)** Golf
- D)** Handball
- E)** Fencing

Q130. Which of the following is part of the primary market?

- A)** Public issue
- B)** Preference issue
- C)** Right offering issue
- D)** Bond issue
- E)** All of the above

Q131. A directive from the Central Board of Direct Taxes (CBDT) seeks to protect start-ups recognized by the DPIIT from excessive scrutiny regarding the updated _____ rules within the Finance Act of 2023.

- A)** Corporate Tax
- B)** Service Tax
- C)** Angel Tax
- D)** Capital Gain Tax
- E)** Income Tax

Q132. In which state does the unique railway service known as the Valley Queen Heritage

Train operate?

- A) Goa
- B) Himachal Pradesh
- C) Rajasthan
- D) Tamil Nadu
- E) Kerala

Q133. Which of the following is the owner of public general insurance companies in India?

- A) IRDAI
- B) LIC
- C) Government of India
- D) RBI
- E) None of the above

Q134. Which of the following is not a theme of Enhanced Access and Service Excellence-5.0 (EASE-5.0)?

- A) Business growth
- B) Profitability
- C) Risk
- D) Customer Service
- E) Know Your Customer

Q135. Direct Benefit Transfer scheme aims to transfer subsidies directly to the people through their linked bank accounts. DBT is implemented in which of the following scheme?

- A) PM Awas Yojana
- B) National Food Security Mission
- C) Pradhan Mantri Krishi Sinchai Yojana
- D) PM KISAN
- E) All of the above

Q136. India and _____ became the first countries outside the US to get access to the general search engine experience via Google search.

- A) China
- B) Japan
- C) Australia
- D) Singapore

E) None of the above

Q137. Which of the following are included in top three broker firm in India?

- A)** Zerodha, Groww, Angel One
- B)** Upstox, Sharekhan, Motilal Oswal Financial Services Ltd
- C)** Axis Direct, Kotak Securities, HDFC Securities
- D)** ICICI Direct, HDFC Securities, Upstox
- E)** None of the above

Q138. The GST collection of which months in 2023 stood at 1.72 lakh crore, the second highest-ever?

- A)** July
- B)** August
- C)** September
- D)** October
- E)** June

Q139. The Department of Consumer Affairs, under the Ministry of Consumer Affairs, Food and Public Distribution, has added how many new districts to the existing network of 288 districts where the mandatory BIS hallmarking laws for gold are in force?

- A)** 45
- B)** 56
- C)** 76
- D)** 80
- E)** 96

Q140. Which Public Sector Enterprise has been conferred with the prestigious 'CSR Times Awards 2023' in 'Swachh Bharat' category for the 'Revival and operation of Municipal Solid Waste Management Plant, at Karsada, Varanasi'?

- A)** NHPC
- B)** ONGC
- C)** Indian Oil
- D)** Bharat Petroleum
- E)** NTPC

Q141. Which Pension Fund Manager has launched a first-of-its-kind NPS Preference Index that highlights the preference of NPS amongst different consumer groups?

- A)** HDFC Pension Management
- B)** ICICI Prudential Pension Fund Management
- C)** UTI Retirement Solutions Ltd
- D)** SBI Pension Fund
- E)** LIC Pension Fund

Q142. India has won a gold medal in men's squash team event after beating which team by 2-1 at the Asian Games 2023?

- A)** Nepal
- B)** Malaysia
- C)** Pakistan
- D)** South Korea
- E)** Thailand