Q1) There are five rods K, L, M, N, and O. The weight of O is twice the weight of L. The weight of L is equal to the weight of K and M taken together. The weight of M is twice the weight of K. The weight of N is thrice the weight of M. If the weight of N is 90 kg. What will be the weight of O?

A. 105 kg

B. 60 kg

C. 120 kg

D. 90 kg

Answer: Option D

Q2) Which is the wrong term in the following series? CMQ, FPT, JTX, OYC, UFI

A. FPT

B. OYC

C. JTX

D. UFI

Answer: Option D

Q3) In a certain code,

A % B means 'A is the brother of B',

A & B means 'A is the mother of B',

A @ B means 'A is the daughter of B',

A \$ B means 'A is the father of B' and

A # B means 'A is the sister of B'.

If K \$ Z % U & H # N @ T, how is T related to U?

A. Sister

B. Husband

C. Wife

D. Brother

Answer: Option B

Q4) Five teachers P, Q, R, S and T teach a group of students in sequence between 9 and 2 pm. Each teacher teaches for one hour. Q takes the first class. S teaches just after T, R teaches before P and T. Who takes the second class from 10 am to 11 am?

A. S

B. R

C. P

D. T

Answer: Option B

Q5) Given below is a question followed by two statements. I and II, each containing some information. Which of the following statements is/are sufficient to answer the question? How is A related to C?

Statements: I. A is the wife of B and B is the brother of C.

II. C is the son of D.

A. Both I and II together are not sufficient

B. Statement I alone is sufficient.

C. Statement II alone is sufficient

D. Both I and II together are sufficient.

Answer: Option B

Q6) Find the wrong term in the letter cluster series given below: In DRTO.

JXZU, GUWR, MAOX, JXZU

- A. JXUZ
- B. JXZU
- C. MAOX
- D. GUWR

Answer: Option C

Q7) In each of the five pairs of letter-clusters, the letter in the second term are a rearranged/ transformed form of the letters has been put together in a particular pattern. In which two pairs, has the transformation been done in the same way?

A. PLANT: PLZMG

B. MANGO: MAMTL

C. BLACK: BLBDP

D. TABLE: ATLBE

E. CHEER: HCREE

A. D and A

B. C and D

C. B and C

D. A and B

Answer: Option D

Q8) Statements: Some drills are drugs No drug is a dam No drill is a laker

Conclusions: I. Some lakers are drugs

II. Some dams are drills

A. If neither conclusion I nor II follows

B. If only conclusion II follows

C. If either conclusion I or conclusion II follows

D. If only conclusion I follows

Answer: Option C

Q9) Find the wrong term in the given series IWLZ,NSOU,SOTQ,XKAM,CGJI

A. NSOU

B. IWLZ

C. CGJI

D. XKAM

Answer: Option B

Q10) Given below is the question followed by two statements ,I and II each containing some information. Decide which if the statement(s) is/are sufficient to answer the question. Five persons - A,B,C,D and E sit around a circular table , facing the centre not necessarily in that order . Who sits second to the right of D?

- I. A sits the immediate right of E, who is not a neighbour of D.
- II. B is to the immediate left of D.
- A. If only statement II is sufficient to answer the question.
- B. If the data in both the statement I and II together are necessary to answer the question.
- C. If the data either in statement I alone or in statement II alone is sufficient to answer the question.
- D. If only statement I id sufficient to answer the question.

Answer: Option B

Q11) Five persons A,B,C,D and E are comparing the number of books which they have bought recently. A bought more number of books than C and E, but not the highest. B bought more number of books than exactly one person. Then which of the following bought the highest number of books?

A. C

B. D

C. B

D. E

Answer: Option B

Q12) In a certain code, if:

J@K means j is k's daughter.

J%K means j is k's wife.

J + K means K is j's father.

J / K means K is J's mother.

F@R%I/E%N

How is R related to N in the given expression?

A. Mother-in-law

B. Son-in-law

C. Daughter-in-law

D. Mother

Answer: Option C

Q13) Among P,Q,R,S and T, Q is the second tallest and S is immediately taller than the shortest. R is neither tallest nor the shortest. Who among them is in the middle when they stand in the order of their heights?

A.R

B. P

C. S

D. T

Answer: Option A

Q14) Given below is a question followed by two statements I and II, Decide which of the statements is/are sufficient to answer the question. What is the color of human blood?

Statements: I. Red is called white and white is called yellow.

- II. Yellow is called pink and pink is called green.
- A. Statement II alone is sufficient
- B. Either statement I alone or II alone is sufficient.
- C. Statement I alone is sufficient.
- D. Both statements I and II, are necessary.

Answer: Option C

- Q15) Given the below question followed by two statements 1 and 2, each containing some information. Decide which of the statements is /are sufficient to answer the question. What is the height of triangle ABC?
- 1. The height and base of triangle ABC are in the ratio of 6:5.
- 2. The area of triangle ABC is 60 sq. cm, its perimeter is 36cm and its base is 5/18th of the The perimeter of the triangle.
- A. The data given in both statements 1 and 2 together is not sufficient to answer the question.
- B. The data in either statement 1 alone or in statement 2 alone is sufficient to answer the question.
- C. The data in statement 2 alone is sufficient to answer the question while statement 1 is not alone sufficient to answer the question.
- D. The data in statement 1 alone is sufficient to answer the question while statement 2 is not alone sufficient to answer the question.

Answer: Option C

Q16)Sohan and Saurabh are brothers. Tanya and Tashima are sisters. Saurabh's father is the only son-in-law of Tanya's mother's mother. How is Tasima related to Sohan's father? '#' is sister-in-law, '>' is daughter, '<' is granddaughter, and '@' is sister?

A. #

B. >

C. <

D. %

Answer: Option B

Q17) Read the given information carefully and answer the following questions

I. 'A#B' means 'A' is the mother of 'B'

II. 'A*B' means 'A' is the father of 'B'

III. 'A&B' means 'A' is the brother of 'B'

IV. 'A%B' means 'A' is the sister of 'B' Which among the following expression shows that R is the maternal uncle of T?

A. P&Q*R#S#T

B. P#Q*R%S#T

C. P#Q*R*S#T

D. P%Q*R&S#T

Answer: Option D

Q18) Given below is the question followed by three statements, I II and III, each containing some information. Decide which of the given statement is CORRECT? The question consists of 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. Eight people P, Q, R, S, T, U, V, and W were ranked based on their weights. Who is the 4th lightest person?

- I. U is heavier than only two persons. T is heavier than U but lighter than P, who is lighter than only three persons.
- II. R is heavier than P but lighter than Q.S is heavier than V.
- III. P is heavier than S, who is lighter than U.
- A. Data are given in all statements I, II, and III together are required to answer the question.
- B. Data given in both statements I and II together are required to answer the question.
- C. Data given in statements I and III together are required to answer the question.
- D. Data given in statement I alone is required to answer the question.

Answer: Option D

Q19) Statements:

All taps are mats.

All cats are rats.

All mats are rats.

Conclusions: I. All cats are mats.

- II. Some rats are taps.
- III. Some taps are cats is not a possibility.
- IV. All taps are rats.
- A. Only IV follow
- B. Only II and IV follow
- C. Only I, III and IV follow
- D. All follow

Answer: Option B

Q20) Eight persons A, B, C, D, E, F. G, and H are sitting around a square table. All of them are facing towards the center, Only one person sits on each of the sides and only one person sits on each of the corners. Four of them sit on the sides and four of them sit on the corners. C is sitting 3rd to the left of B, who sits on aside. D is sitting opposite to H, who is sitting 3rd to the right of B. A is sitting 2nd to the right of G. G is not sitting opposite to either E or F. F is not an immediate neighbor of H. Who among the following is sitting opposite to A?

A. F

B. B

C.E

D. C

Answer: Option C

Questions 21: In a certain code A%B means A is the brother of B, A&B means A is the mother of B, A@B means A is the daughter of B, A\$B means A is the father of B, A#B means A is the sister of B.

If K \$ Z % U & H # N @ T, how T is related to U?

A. Sister

B. Brother

C. Husband

D. Wife

Answer: Option A

Questions 22: Four friends A, B, C, and D have one of the four professions i.e., Doctor, architect, engineer, and lawyer. Each friend belongs to one of the four different cities, Chandigarh, Indore, Lucknow, and Pune. A is not a lawyer or engineer. The

doctor is from Lucknow, D is an architect. The lawyer is from Pune. Well this was original creation of Preplnsta and was stolen. The engineer is neither from Chandigarh nor Pune. D is not from Pune. C is from Indore. Which of the following statement is correct about B?

- A. B is the lawyer and belongs to Chandigarh
- B. B is Doctor and belongs to Pune
- C. B is a doctor and belongs to Chandigarh
- D. B is a lawyer and belongs to Pune

Solution:

- A is not a lawyer or engineer
- The doctor is from Lucknow
- D is an architect
- The lawyer is from Pune
- The engineer is neither from Chandigarh nor Pune
- D is not from Pune
- C is from Indore

Question 23 . In a certain code , K*N means K is the brother of N , K+N means K is the husband of N, K x N means K is the mother of N and K \div N means K is the sister of N , then which of the following expressions means C is the daughter of Y.?

Question 24:- Given below is a question followed by two statements, I and II, each containing some information. Decide which of the statement(s) is/ are sufficient to answer the question. How is A related to C?

Statements:- a. A is the wife of B and B is the brother of C.

- b. C is the son of D
- 1. Statement I alone is sufficient.
- 2. Statement II is sufficient.
- 3. Both I and II together are sufficient
- 4. Both I and II together are not sufficient.

Solution: - Statement I alone is sufficient.

Q25. Which is the WRONG term in the following series? LAT, OES, QIR, SOQ, UUP

A. QIR

B. LAT

C. UUP

D. SOQ

Answer: A

Q26. Given below is a question followed by two statements, I and II each containing some information. Decide which of the statement(s) is/are sufficient to answer the question. Five persons - A, B, C, D and E - sit around a circular table, facing the centre not necessarily in that order. Who sits second to the right of D?

- I. A sits to the immediate right of E, who is not a neighbour of D.
- II. B is to the immediate left of D.

A. If only statement II is sufficient to answer the question

- B. If the data in both the statements I and II together are necessary to answer the question.
- C. If only statement I is sufficient to answer the question.
- D. If the data either in statement I alone or in statement II alone is sufficient to answer the question.

Answer: B

- Q27. Given below is a question followed by two statements, I and II each containing some information. Decide which of the statement(s) is/are sufficient to answer the question. Six persons P, Q, R, S, T and U have different scores in a classroom test, who scored the 2nd highest marks?
- I. P scores better than T and Q, who scores better than S. S scores better than U. R scores better than P.
- II. S scores better than at least one person, P scores better than S and T.
- A. The data is statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question
- B. The data given in both statements I and II together is not sufficient to answer the question
- C. The data either in statement I alone or in statement II alone is sufficient to answer the question
- Q. The data is statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.

Answer: A

Q28. In a certain code, if:

I. J @ K means J is K's daughter.

II. J % K means J is K's wife.

III. J + K means K is J's father.

IV. J ÷ K means K is J's mother.

F@R%I÷E%N How is R related to N in the given expression?

A. Daughter-in-law

B. Mother-in-law

C. Son-in-law

D. Mother

Answer: A

Q29. The annual salary of a person consists of two parts - basic salary and allowance. The allowance is always calculated as a fraction of the basic salary. Every year, his basic salary increases by Rs.5000 and his allowance, as a percentage of his basic salary, increases by 5 percentage points. The present basic salary of the person is Rs. 30,000 and his present allowance is 20% of his present basic salary. After how many months from now will the Annual salary of the person be Rs. 60,750?

A. 33

B. 30

C. 36

D. 24

Answer: C

Q30. In a certain code, if: K @ L means K is L's father. K # L means K is daughter of L. K % L means L is mother of K.

- K + L means K is grandson of L.
- K × L means L only child of K.
- K © L means K is L's sister.
- $R + A \times E @ F \# G © T$ Which of the following is a CORRECT conclusion drawn from the expression?
- A. F is daughter of A
- B. R is father of T.
- C. E is mother of T.
- D. R is son of G.

Answer: D

- Q31. The given question consists of six statements followed by 4 options consisting of three statements put together in a specific order. Choose the option, which indicates a valid argument that is, when the third statement is a conclusion drawn from the preceding two statements.
- a. Magazines are published weekly.
- b. Some magazines are not newspapers.
- c. Newspapers are published daily.
- d. Magazine is not published daily.
- e. Magazines are not newspapers.
- f. Some newspapers are not published weekly.
- A. bfe
- B. afc
- C. d c f
- D. a c e

Answer: D

Q32. Three statements are given followed by two conclusions numbered I and II. You have to consider these statements to be TRUE, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follows from the given statement.

Statements: Some books are cars.

No bus is a car.

Some cars are motors.

Conclusions: I. Some motors are not buses.

II. Some books are buses.

A. If either I or II follows

B. If neither I or II follows

C. If only II follows

D. If only I follows

Answer: B

Q33. A statement is followed by two assumptions numbered I and II. Consider the statement and decide which of the given assumptions is/ are implicit in the statement.

Statement: Country X will talk on every issue and try to resolve every conflict with its neighbouring country.

Assumptions: I. Country X wants a peaceful relation with its neighbouring country.

- II. Country X will appear weaker than the neighbouring country if it tries to solve the matter by talking.
- A. Neither I nor II is implicit.
- B. Only II is implicit.
- C. Only I is implicit.
- D. Both I and II are implicit.

Answer: C

Q34. A statement is followed by two arguments numbered I and II. Decide which of the argument(s) is/ are strong (important and directed related to the question) and which is/ are weak (not important and not related to the central message of the question).

Statement: Should young children be exposed to virtual gaming? Arguments:

- I. Yes. It will prepare them for leadership.
- II. No. Young minds cannot take violence.
- A. Both I and II are strong.
- B. Only II is strong.
- C. Only I is strong.
- D. Neither I nor II is strong.

Answer: A

Q35. Two statements are given followed by two conclusions numbered I and II. You have to consider these statements to be TRUE even if they seem at variance with commonly known facts. Decide which of the conclusions logically follows from the given statement.

Statements: All runs are overs.

Some overs are bats.

Conclusions: I. All bats are runs.

II. No bat is a run.

A. If either I or II follows.

B. If neither I nor II follows.

C. If only I follows.

D. If only II follows.

Answer: B

Q36. Following are the selection criteria for any student to get admission in "Central University of India" for any undergraduate program. a. Must have completed high school with at least 8.0 CGPA. b. Must have been at least 17 years 8 months old on Jan 1st 2021. c. Must have scored more than 80 percentage in university entrance test. d. If students fulfill all the criteria except a, but have more than 6.5 CGPA in high school, his case will be sent to the Sr. Admission Officer. e. If students fulfill all the criteria except b, but have more than 90 percentage in the university entrance test, his case will be sent to the Head of the Department.

Tanmay has passed high school with 9.2 CGPA. He has scored 92 percent in university entrance test and he was born on 27th April 2004.

- A. His case will be sent to the Sr Admission Officer.
- B. His case will be sent to the Head of the Department.
- C. He will be selected.
- D. He will not be selected.

Answer: B

Q37. Rohan is selecting pizza from a pizzeria. Following are the criteria of selection by him for the pizza. a. It must be a non-veg pizza. b. It must cost less than INR 450. c. It must be a hand toasted pizza. d. If any pizza is satisfying all the criteria given above except c, but it is a cheese burst pizza, then he needs permission from his uncle. e. If any pizza is satisfying all the criteria given above except b, but provides mushroom and corn for free, then he needs permission from his mother. "Pizza on the spot" house is providing a new hand toasted non-veg pizza which costs Rs.550. It provides free toppings of onion, capsicum, corn, paneer and tomato.

- A. He will need to take permission from his uncle.
- B. It will not be selected.
- C. He will need to take permission from his mother.
- D. It will be selected.

Answer: B

Q38. Five persons A,B,C,D, and E are comparing the number of books which they have bought recently. A bought more number of books than C and E, but not the highest. B bought more number of books than exactly one person. Then which of the following bought the highest numbers of books?

A. C

B. E

C. D

D. B

Answer: Option C

Q39. Rajpal is going to buy a laptop. Following are the criteria of selection of the laptop given by his father. a. Must be < Rs.38,000. b. Must have RAm equal to or more than 8 GB. c. Must have intel processor of version i3 or above. d. If any laptop is satisfying all of the above criteria except a, it will need his dad's permission if it is less than Rs.45,000. e. If any laptop is satisfying all of the above criteria except b, it will need his mom's permission if it has storage of more than 512 GB.

ATC58 is a new laptop in the market that costs Rs.36,000 and having 16 GB RAM. It consists of Pentium 8 processor and pre-installed Windows 10.

Which of the following options below is CORRECT for the laptop given above?

A. He needs his dad's permission to buy it.

B. He needs his mom's permission to buy it.

C. He will buy the laptop.

D. He will not buy the laptop.

Answer: D

Q40. I, J, K, L, M and N have their birthdays not in the same order but in different months such as January, February, April, July, August and December. Two people have their birthdays between N and J's birthday. M's birthday is not in the second half of the year. The birthday of N is either in January or August. K's birthday falls in the month having the minimum number of days. At the most, 3 people have birthdays between N and I's birthday. Whose birthday falls exactly between N and I's birthday?

A. Person I

B. J, birthday in July

C. Person J

D. The one whose birthday is in April.

Answer: D

Q41. Eight persons A,B,C,D,E,F,G and H are sitting around a square table. All of them are facing towards the centre. Only one person sits on each of the sides and only one person sits on each of the corners. Four of them sit on the sides and four of them sit on the corners. C is sitting 3rd to the left of B, who sits on a side. D is sitting opposite to H, who is sitting 3rd to the right of B. A is sitting 2nd to the right of G. G is not sitting opposite to either E or F, F is not an immediate neighbor of H. Who among the following is sitting opposite to A?

A. C

B. B

C. F

D. E

Answer: Option D

Q42. Six friends L, M, N, O, P and Q are sitting around a circular table and facing outside. Q is sitting fourth to the left of M, who is sitting to the immediate left of N. P is sitting opposite to N and and adjacent to O. O is not sitting adjacent to Q. Which of the following statements is TRUE?

A. L is adjacent to P

B. M is between O and P

C. P is sitting opposite to Q

D. There are 3 friends sitting between M and L.

Answer: A

Q43. Which is the WRONG term in the following series? mkl, imj, gqh, csf, awd, wyb, udw

A. csf

B. udw

C. awd

D. wyb

Answer: B

Q44. In each of the five pairs of letter clusters, the letters in a second term are a rearranged/transformed form of the letters in the first term in a particular pattern. In which two pairs, has the transformation been done in the same way?

A. ACTOR:CROTA

- **B. BENCH: CEHBN**
- C. CHAIR: ARHCI
- D. DIRTY:RYITD
- **E. ENJOY:JYNEO**
- A. A and C
- B. B and D
- C. E and C
- D. B and E

Answer: D

Q45. Given below is a question followed by two statements, I and II each containing some information. Decide which of the statement(s) is/are sufficient to answer the question. How many persons are sitting in the row?

Statements: I. Ghazi, who is 5th to the right of Anish, is 12th from the left end. Anish is 15th from the right end.

- II. Zenia is 4th to the left of Karan, who is 15th from the right end.
- A. Statement I alone is sufficient.
- B. Statement I alone or statement II alone is sufficient.
- C. Statement II alone is sufficient.
- D. Both the statements I and II together are not sufficient.

Answer: A

Q46. Given below is a question followed by two statements, I and II each containing some information. Decide which of the statement(s) is/are sufficient to answer the question. Six persons P to Q are sitting in a row facing north direction. Who among the following sits at extreme right end?

Statement I: P sits third to the left of U. Q sits two places away from P but not adjacent to U. T sits immediate left of S.

Statement II: There are two persons between Q and T. S sits to the immediate left of U but to the right of T. Neither S nor U is adjacent.

- A. If the data in statement II alone is sufficient to answer the question
- B. If the data either in statement I or statement II alone is sufficient to answer the question.
- C. If the data in statement I alone is sufficient to answer the question.
- D. If the data in both statements I and II together are not sufficient to answer the question.

Answer: B

Q47. In a certain code, if:

S#T means S is the father of T

S@T means S is the wife of T

S%T means S is the brother of T

S\$T means S is the sister of T

S&T means S is the daughter of T

S*T means S is the son of T

I. E*C

II. H@F

III. J*G

IV. F%E

V. L\$K

VI. J%I

VII. I&E

VIII. K*F

IX. F*D

Who among the following is not a male?

A. J

B. F

C. L

D. E

Answer: C

Q48. A, B, C, D, E, F and G are standing in a row facing north. B is to the left of D. There are two persons C and G. E is adjacent of B and C. F is to the immediate right of G. Who is standing exactly in the middle?

A. F

B. E

C. C

D. A

Answer: C

Q49. Eight persons A, B, C, D, E, F, G and H are sitting around a circular table. The following is the information known about them. B is opposite E who is neither adjacent to C nor to D. H is to the right of E and D is to the right of B. C does not sit near D and H. A does not sit near H and E. Two people sit between G and D, when counted from the right of G. Who is sitting opposite G?

A. F

B. C

C. A

D. H

Answer: C

Q50. Six persons Vinay, Vijay, Varun, Varsha, Vinod and Vartika were seated in a row not necessarily in the same order. They were seated facing the north, Vijay was 2nd to the right of Varsha

who was seated at a gap of 3 from Vartika. Vinay was 2nd to the right of Varun who was not neighbouring Vijay. Who was seated to the immediate right of Vinod?

- A. Varsha
- B. Vartika
- C. Varun
- D. Vijay

Answer: B

Q51. Mahendra is going to buy a laptop, following are the criteria of selection of the laptop given by his father. a) must be for less than Rs. 40,000 b) must have RAM equal or more than 8GB c) must have Intel processor of version i3 or above d) If any laptop is satisfying all the above criteria except (a), he will need his dad's permission if ir is for less than Rs. 50,000 e) If any laptop is satisfying all the above criteria except (b), he will need his mom's permission if it has storage of more than 512 GB.

Acer AT20 is a new laptop in the market costing Rs. 35,000 and having 8GB RAM. It consists of processor i5 and pre-installed windows 10.

Which of the following options below is CORRECT for the laptop given above?

- A. He needs mom's permission to buy it
- B. He will buy the laptop
- C. He will not buy the laptop
- D. He needs dad's permission to buy it

Answer: B

Q52. Shekar asked his girlfriend to book a hotel in Udaipur for their trip. Following are the selection of hotel they have decided: (a) Price of hotel must be less than Rs. 5000 per night. (b) Couple should be allowed. (c) It should be within 10km from the railway station. (d) If a hostel satisfies all the criteria except (a) but it is providing online payment option, she will ask her friend for finalization. (e) If a hotel satisfies all the criteria except (c) but it provides free breakfast, she will ask Shekhar for finalisation. "Hotel Disaster Inn" is offering super deluxe room at the price os Rs. 4500 per night. Its rating on Google is 4.5 and it is 12 km from railway Station. Hotel policy allows couple to check in with original ID card and pay in cash. Free breakfast, sofas, swimming pool, parking, lift and AC are mentioned in the facilities. Which of the following options below is CORRECT for the selection of hotel above?

A. It will not be finalised by her friend.

B. She will ask Shekar for finalisation.

C. It will be selected by her.

D. She will ask her friend for finalization

Answer: B

Q53. Three statements are followed by three conclusions number I, II and III. Assuming the statements to be TRUE, even if they do not confirm world knowledge, decide which of the conclusion(s) possibly follows/follow from the statements.

Statements: 1. Some vehicles are trucks.

- 2. All aeroplanes are vehicles.
- 3. No truck is car.

Conclusions: I. No car is aeroplane.

II. It is possible that some trucks are aeroplanes.

III. Some cars are aeroplanes.

- A. Only II follows
- B. Only I and II follow
- C. Only II and III follow
- D. Only II and either I or III follow

Answer: A

Q54. Two statements are followed by two conclusions numbered I and II. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follows from the given statement.

Statements: All paths are roads

Some roads are highway

Conclusions: I. Some highways are paths II. All paths being highway is a possibility

- A. Both conclusions I and II follow
- B. Only conclusion I follow
- C. Neither conclusion I nor II follow
- D. Only conclusion II follows

Answer: D

Q55. A statement is followed by two arguments numbered I and II. Decide which of the argument(s) is/ are strong (important and directed related to the question) and which is/ are weak (not important and not related to the central message of the question).

Statement : Should the Government of India privatise their shares of public entities?

Argument I. No, it will reduce their assets, which can help them in the difficult time.

Argument II. Yes. Mixed economies like India will be in better condition if they do so.

- A. Only argument II is strong
- B. Neither I nor II is strong
- C. Both I and II are strong
- D. Only Argument I is strong

Answer: A

Q56. The given question consists of six statements followed by 4 options consisting of three statements put together in a specific order. Choose the option, which indicates a valid argument that is, when the third statement is a conclusion drawn from the preceding two statements. (a) Some mails are falis (b) Bail is a fail (c) Some jail is mail (d) Fail is jail (e) No mail is a fail (f) No bail is mail

A.bef

B. c b a

C. afb

D. cde

Answer: A

Q57. The ratio of the number of executive and non-executive employees working in a company is 2:5. 50% of the executives and 30% of the non-executives stay outside the company campus. 350 of the employees staying outside the campus live in their own houses with the ratio of 2:3 between executives and non executives, while the rest live in rented houses. 60 non-executives stay in rented houses. 60% of the employees

staying in rented houses travel to their workplace by two-wheelers and the rest 40% travel by the company bus. The number of executives travelling by the company bus is 15.

I. How many employees are working in the company?

A. 1080 B. 1180 C. 1320 D. 1260

Answer: D

II. How many non-executives travel by the company bus to their

workplace?

A. 35 B. 15 C. 40 D. 25

Answer: D

Q58. The ratio of the number of executive and non-executive employees working in a company is 2:5. 50% of the executives and 30% of the non-executives stay outside the company campus. 350 of the employees staying outside the campus live in their own houses with the ratio of 2:3 between executives and non executives, while the rest live in rented houses. 60 non-executives stay in rented houses. 60% of the employees staying in rented houses travel to their workplace by two-wheelers and the rest 40% travel by the company bus. The number of executives travelling by the company bus is 15. How many executives are staying outside?

A. 210

B. 180

C. 120

D. 140

Answer: D

Q59. Which is the WRONG term in the following series? BEG, DGI, GJL, KMP, PSU

A. GJL

B. DGI

C. KMP

D. PSU

Answer: C

Q60. In each of the four pairs of letter-clusters, the letters in the second term are in a rearrange/transformed form of the letters from the first term in a particular pattern. In which two pairs, has the transformation been done the same way?

[A] MASTER - RTSMAF

[B] POSTAL - LTOPSA

[C] HASTEN - NTSAHE

[D] FATHER - RHAFTE

A. B and C

B. A and D

C. B and D

D. A and C

Answer: B

Q61. Given below is a question followed by two statements, I and II each containing some information. Decide which of the following statement(s) is/are sufficient to answer the question. What is the sum of the roots of the quadratic equation ax2+bx+c = 0? 1. The roots of $ax^2+bx+c = 0$ are successive integers whose product is 30 2. The roots of $ax^2+bx+c = 0$ are distinct integers such that the sum of their squares is 72

- A. If the question cannot be answered even by using both the statements together
- B. If the question can be answered by using both statements together but cannot be answered by using either statement alone C. If the question can be answered by using either statement alone D. If the question can be answered by using one of the statements
- alone but cannot be answered by using the other statement alone

Answer: D

- Q62. Given below is a question followed by two statements, I and II each containing some information. Decide which of the following statement(s) is/are sufficient to answer the question. What is the average age of the father, mother and son? Statements: I. The ratio of the age of the mother and son is 5:3. Father is 4 years older than the mother, who was as old as the sons 22 years ago.
- II. The son is now as old as the father was 26 years ago. The average age of the father and mother is 57 years.
- A. Both the statements I and II together are not sufficient.
- B. Statement I alone is sufficient.
- C. Statement II alone is sufficient.
- D. Both the statements I and II are necessary.

Answer: C

Q63. Given below is a question followed by three statements I, II and III, each containing some information. Decide which of the given statements is CORRECT.

Six persons A, B, C, D, E and F are sitting around a circular table facing towards centre. Who sits second to the right of D?

- I. C and D are immediate neighbours and C is sitting opposite B.
- II. A is not a neighbour of E, but is a neighbour of B.
- III. D is not a neighbour of A, but is second to the right of F.
- A. Only I and III
- B. Only I and II
- C. Only II and III
- D. All three together

Answer: B

Q64. In a certain code, if;

A-B means, A is wife of B

A/B means, A is brother of B

A+B means, A is daughter of B

AxB means, A is son of B

Which of the following expressions represent that D is the father of B?

A. B/D+I-K

B. BxD/K-I

C. B/I-DxK

D. I-K+D+B

Answer: B

Q65. In a certain code, if:

If 'A x B' means A is the son of B.

If 'A + B' means A is the father of B.

If 'A > B' means A is the daughter of B.

If 'A < B' means A is the wife of B.

Which of the following pairs of people represents cousins with regard to the relations given in the expressions, if it is provided that A is the sister of J?

'L > V < J + P' and 'S X A < D + F < E + K'

A. SV

B. SP

C. LP

D. SF

Answer: B

Q66. Six movies are played on six consecutive days of the week, starting from Monday. Rambo is played after Diago, Noorie is telecast between Diago and Akira. Blade is played immediately after Hungaama but before Akira. Which movie is played on Tuesday?

A. Noorie

B. Hungaama

C. Blade

D. Akira

Answer: C

Q67. Seven coloured balls -Violet, Purple, Blue, Green, Yellow, Orange and Red are put together in a row during a game. Yellow ball is to the immediate left of Purple ball. Violet is to the left of Blue but not between Blue and Purple. Exactly four balls are between Blue and Purple. If Violet and Green have two balls between them, how many balls do Orange and Red have between them.

A. 3

B. 0

C. 1

D. 2

Answer: C

Q68. In a class, seven students are given different ranks such that the one who got the highest marks was ranked highest i,e. rank 1 and the one who got lowest was ranked lowest. Number of students ranked higher that Q is same as that ranked lower than S. K's marks are less than J's. S is ranked just higher than J. D's marks are lower than T but more thaQ, who is ranked higher than S. N's marks are more than J. What is N's rank?

A. 4th

B. 3rd

C. 5th

D. 2nd

Answer: B

Q69. P, Q, R, S, T, U, V, W and X are nine industries. R is 2km to the east of Q. P is 1km to the north of Q and W is 2km to the south of P, V is 1km to the west of W, while S is 3km to the east of V. U is 2km to the north of V. X is situated exactly between Q and R while T is exactly between W and S.

What is the distance between P and U?

A. 1.41 km B. 3 km C. 2 km D. 1 km

Answer: D

- Q70. Raman is planning to get married and he has decided following criteria for the selection of his life partner.
- a) Girl must be a working professional
- b) Girl must be a graduate c) Girl's home state must be Bihar
- d) If a girl's profile fulfills all the criteria except (a) but girl has completed her MBA, he will need permission from his father.
- e) If a girl's profile fulfills all the criteria except (c) but she is from either UP or MP, he will need permission from his mother.

Reshma's profile is there on matrimonial site. She is a graduate and working in a logistics company earning 8LPA. Her home state is UP and she is Brahmin in caste.

Which of the following options below is CORRECT for the selection of profile mentioned above?

- A. He will select the above profile
- B. He will need permission of his mother
- C. He will need permission of his father
- D. He will not select the above profile

Answer: B

Q71. Two statements are followed by two conclusions numbered I and II. You have to consider these statements to be TRUE, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow/s from the given statement.

Statements: All liquids are water.

Some solid are liquids.

Conclusions: I. Some water is solid.

II. Some water is not liquids.

A. If only II follows

B. If either I or II follows

C. If only I follows

D. If neither I not

Answer: C

Q72. A statement is followed by four courses of action numbered I, II, III and IV Assuming everything in the statement to be TRUE, decide which of the suggested courses of action (a decision to

be taken for follow up /improvement in regard to the problem) logically follow(s) for pursuing.

Statement

The voters in a panchayat in an assembly constituency in India said that they would not vote in the coming general election.

Courses of Action

- 1. The election commission should be approached to issue orders so that all the voters of any panchayat cannot boycott voting in the general election.
- 2. The present MLA should cut down on the privileges given to the people of this panchayat so that they would refrain from boycotting the election process.
- 3. The elected representatives should listen to their grievances and settle any anomalies at the earliest.
- 4. The government should announce incentives for those voters in this panchayat, who would participate in the voting process.
- A. Only I follow
- B. Only III follows
- C. Only II and III follow
- D. Only I, III and II follow

Answer: B

Q73. A statement is followed by two assumptions numbered I and II. Consider the statement and decide which of the given assumption(s) is/are implicit in the statement.

Statement

In spite of normal demand-supply conditions, company X is reducing the price of sugar this year.

Assumptions

I. Other companies are also reducing the price

II. Quality of sugar this year by company X is not too good to put high price

- A. Only assumption II is implicit
- B. Both I and II are implicit
- C. Neither I nor II is implicit
- D. Only assumption I is implicit

Answer: D

Q74. A statement is followed by two arguments numbered I and II. Decide which of the argument(s) is/are strong (important and directly related to the question) and which is/are important and not related to the central message of the question).

Statement: Should Naya Pradesh be divided into small states? Arguments: I. Yes. It is a hugely populated state and so it is difficult to manage a state with such a large population.

- II. No. Current state government is trying to rule at its best.
- A. Both I and II are strong
- B. Only argument I is strong
- C. Neither I nor II is strong
- D. Only argument II is strong

Answer: B

- Q75. Given below are four sets of statements numbered I, II, III and IV. Each set has three statements. Select the set or sets in which the third statement follows as a possibility. Sets of statements:
- I. Some plants are trees. Some trees are shrubs. Some shrubs are not plants.
- II. Some windows are outlets. All outlets are doors. Some doors are not windows.

- III. No mango is vegetable. All vegetables are eatables. Some eatables being mangoes is possible.
- IV. All lions are forest animals. A few forest animals are pets. It is possible that some lions are pets.
- A. Only I and III
- B. Only II and IV
- C. Only III and IV
- D. Only II, III and IV

Answer: C

Q76. The production by a company 'xyz' in the year 1997 was double than that in the year 1995 where the production in 1995 was 30000. The production in the year 1996, 1888, 1999 and 2000 were 46000, 70000, 50000 and 80000 respectively.

For how many years was the production more than the average production of the given years?

- A. 1
- B. 3
- C. 2
- D. 4

Answer: B

Q77. Maxwell car manufacturing company produced 540, 360, 480 and 630 cars and sold 480, 380, 490 and 600 cars in January, February, March and April 2021 respectively. Johnson car manufacturing company produced 460, 320, 540 and 580 cars and sold 420, 350, 510 and 600 cars in January, February, March and April 2021 respectively. During this 4-month period, the selling price of each car was Rs. 5 lakh by the Maxwell company and Rs. 8 lakh by the Johnson company. But if a buyer

purchased a car which was not manufactured in the same month, the buyer got a discount of 10% by Maxwell company and 25% by Johnson company. Both the companies adopted a principle that the cars of the previous month must be sold before the cars of the current month are sold.

What was the revenue earned from selling cars by the Johnson company only in the month of April 2021?

A. Rs. 4720 lakh

B. Rs. 4870 lakh

C. Rs. 4060 lakh

D. Rs. 3360 lakh

Answer: A

Q78. The management of a school decided to renovate the school. The school is located in a ground of dimensions 600m x 250m. The school has ten classrooms each of dimensions 10m x 6m. There are three more rooms -one for the principal, one for the office and the third for the staff. The school has a playground of dimensions 180m x 150m. The principal's room has dimensions of 8m x 6m, the office has dimensions of 8m x 6m and the staff room has dimensions of 12m x 6m. All the classrooms have to be done stone following. The office and the staff room are to be done wooden flooring while the principal room is to be done marble flooring. The height of all the rooms is 2.5m. The cost of marble flooring is Rs. 280 per sqm, the cost of wooden flooring is Rs.160 per sqm and the cost of stone flooring is Rs. 60 per sqm.

What is the difference between the cost of flooring of the principals room and the cost of flooring of the staff room?

A. Rs. 1,920

B. Rs. 1,560

C. Rs. 1,780 D. Rs. 2,140

Answer: A

Q79. In the following diagram, the shape indicates different categories of persons and the numbers in different segments show the number of persons. How many women MBAs are either corporate managers or hardworking but not both?

A. 18

B. 13

C. 15

D. 16

Answer: A

Q80. Which is the WRONG term in the following series? SBNQ, UEMO, WHLM, YKKJ, ANJI

A. WHLM

B. YKKJ

C. UEMO

D. ANJI

Answer: B

Q82. In each of the four pairs of letter-clusters, the letters in the second term are in a rearrange/transformed form of the letters from the first term in a particular pattern. In which two pairs, has the transformation been done the same way?

[A] TUESDAY - DAYTUES

[B] FRIDAY - RFDIAY

[C] MONDAY - OMDNAY

[D] THURSDAY - TUSADYHR

A. A and C

B. B and C

C. B and D

D. C and D

Answer: B

- Q83. Given below is a question followed by two statements, I and II each containing some information. Decide which of the following statement(s) is/are sufficient to answer the question. Amongst five friends seated in a straight line facing North, is Q sitting at extreme left end?
- 1. Q, S are immediate neighbours of each other. Similarly, T, R are also immediate neighbours of each other. P sits exactly in the middle of the line.
- 2. P who sits exactly in the middle of the line is second to the left of R. Q is not an immediate neighbour of P.
- A. The data in statement I alone is sufficient to answer the question, while the data in Statement II alone is not sufficient to answer the question.
- B. The data in Statement II alone is sufficient to answer the question, while the data in Statement I alone is not sufficient to answer the question.
- C. The data either in Statement I alone or in Statement II alone are sufficient to answer the question.
- D. The data in both the statements I and II are not sufficient to answer the question

Answer: B

Q84. Given below is a question followed by two statements, I and II each containing some information. Decide which of the following statement(s) is/are sufficient to answer the question. A, B, C and D have different heights and weights. Who is the heaviest among them?

Statements: I. The heaviest person is also the 2nd shortest. A is heavier than C, who is shorter than B but not shortest and D is the lightest.

- II. The 2nd shortest person is the heaviest person. C is lighter than B, who is the tallest. A is heavier than D.
- A. I alone is sufficient but II alone is not sufficient.
- B. II alone is sufficient but I alone is not sufficient.
- C. Either statement I or II alone is sufficient.
- D. Both the statements together are necessary.

Answer: C

- Q85. Given below is a question followed by three statements I, II and III, each containing some information. Decide which of the given statements is CORRECT. Who amongst P,Q,R,S and T is the third youngest person?
- I. Q is the second eldest person.
- II. Neither P nor R is the youngest, and P nor R is the youngest, and P is not the eldest.
- III. S is the second youngest person.
- A. If the data in statements II and III are sufficient to answer the question, while the data in statement I is not required to answer the question.
- B. If the data in statements I and II are sufficient to answer the question, while the data in statement III is not required to answer the question.

- C. If the data in all the statements I, II and III together are necessary to answer the question.
- D. If the data in statements I and III are sufficient to answer the question, while the data in statement II is not required to answer the question.

Answer: C

Q86. Biswas is the father of Tilak. Biswas has only two children. Tilak is the brother of Rani. Rani is the daughter of Pratiksha. Anvi is the granddaughter of Pratiksha. Shoban is the father of Anvi. Rani is married to Shoban. How is Shoban related to Tilak if "%" is son, "\$" is son-in-law, "*" is brother, "&" is brother-in-law?

A. *

B. \$

C. %

D. &

Answer: D

Q87. In a certain code, if: Q @ R means R is the daughter of Q. Q # R means R is the son of Q. Q \$ R means R is the sister of Q. Q % R means Q is the brother of R. Q + R means Q is the mother of R. S % T - O \$ N - E If O and E are male members of the family. Which of the following is a CORRECT conclusion drawn from the expression?

A.E is son of T

B. N is daughter of O

C. S is sister of T.

D. E is son of N

Answer: D

Q88. Some students of a school are stand in a row, if Anvesha who is 15th from the left and Kush who is 6th from the right interchange their positions, Anvesha becomes 24th from the left. How many students are there in a row?

A. 28

B. 27

C. 30

D. 29

Answer: D

Q89. Read the following information carefully and answer the question that follows. 1. Five persons - Anmol, Bipin, Chaya, Disha and Manoj. 2. One of them is a nutritionist, one is a dentist, one is a filmmaker, one is a politician and one is an economist. 3. Three of them - Anmol, Chaya and economist prefer tea to coffee and two of them - Bipinand the filmmaker prefer coffee to tea. 4. The politician, Disha and Anmol are friends to one another but two of them prefer coffee to tea. 5. The nutritionist is Chaya's brother.

A. Bipin B. Anmol C. Disha D. Chaya

Answer: B

Q90. Mohan and Sarayu are good at image processing and signal processing. Archana and Mohan are good at signal processing and Cryptography. Archana, Pallavi and Nirupama are good at Cryptography and data science. Nirupama and Archana are good at Cryptography and Wavelet theory. Pallavi and Sarayu are good at Data science and image processing. Who is good at signal processing, data science and image processing?

A. Nirupama B. Archana C. Mohan D. Sarayu

Answer: D

Q91. National cricket league for upcoming England Test series was held in seven different cities of India - Jaipur, Varanasi, Mysuru, Agra, Shimla, Madurai and Visakhapatnam - not necessarily in the same order during the first seven months of the year (starting from January and ending in July). The matches were held only in one city during a month. Matches in only four cities were held between the Visakhapatnam match and the Mysuru match. The Visakhapatnam match was not held in June. Only one match was held between the Vishakhapatnam match and the Varanasi match. The Jaipur match was held immediately after the Vishakhapatnam match, The Shimla match was held immediately before the Madurai match. The Madurai match was not held in May.

How many matches were held between the Agra match and the Jaipur match?

A. Two

B. One

C. Three

D. More than three

Answer: B

Q92. A carpenter takes an order to make some chairs in 3 days. He made in following manner.

Day1 - He made one third of the total chairs plus 4 chairs.

Day2 - He made one fourth of the remaining chairs plus 4 chairs.

Day3 - He made half of the remaining chairs plus 4 chairs.

What part of the order he makes on day 2?

A. 4/15

B. 7/15

C. 2/5

D. 5/9

Answer: A

Q93. Following is the selection criteria for a candidate to get selected for the role of Mathematics Trainer in ABC organization: (a) Must have completed Master's in Mathematics. (b) Must have work experience of at least 4 years of Mathematics teaching. (c) If a candidate full fills criteria (b) and not (a) but have done B. Tech with 90 percent marks then case will be sent to Chief Hiring Manager. (d) If a candidate full fills criteria (a) and not (b) but have a B. Ed. degree then he will be in waiting list. Reetika has completed her B. Tech from ICE in 2014 with 92 percent. She is working as mathematics teacher for last 6 years in reputed organisation. Reetika applied for maths teacher role in ABC Organisation.

A. Her case will be in waiting list.

B. Her case will be sent to Chief Hiring Manager.

C. She will be selected.

D. She will not be selected.

Answer: B

Q94. Two statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be TRUE, even if they seem to be at variance with commonly Known facts. Decide which of the given conclusions logically follow/s from the given statement.

Statement

No pot is jug.

All pots are tubes.

Courses of Action

- I. Some tubes are jugs.
- II. Some jugs are tubes.
- III. No jug is tube.
- A. Only III follow
- B. Either II and III follow
- C. Only II follow
- D. Only I follow

Answer: B

Q95. Read the given statements and conclusions carefully. Assuming that the information given in the statements is TRUE, even if they appear to be a variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: Some engineers are players.

Some players are scientists.

No scientist is a technician.

Conclusions:

- I. 'Some scientists are engineers' is a possibility .
- II. 'Some technician's are not players' is a possibility.
- A. Only the conclusion II follows
- B. Both the conclusions I and II follow.
- C. Neither the conclusions I nor the conclusion II follows.
- D. Only the conclusion I follows.

Answer: B

Q96. In a group of 30 people, anyone who like to drink Tea also like to drink Coffee. But no one like Tea and Lassi, 8 people like Coffee and Lassi. All the people like at least one of the three drinks and the number of people who like exactly one of the three is 4 more than the number of people who like more than one of the three drinks. How many people like Tea?

A. 8 B. 7 C. 2 D. 5

Answer: D

Q97. In the question given below, four Statements: are followed by four Conclusions. One of which definitely logically follows(or is a possibility of occurrence) from the given Statements. That conclusion is your answer:

Statements: All glasses are rooms.

Some rooms are planes.

All planes are ducks.

Some ducks are lanterns.

Conclusions:

- I. Some lanterns are planes.
- II. Some ducks are rooms.
- III. Some rooms are glasses.
- IV. Some ducks are glasses.
- A. I and II follows
- B. II and III follows
- C. All follows
- D. I, II and III follows

Answer: B

Q98. Which is the WRONG term in the following series? bfj, ddl, gao, iyq, lwt, ntv

A. ntv

B. lwt

C. gao

D. iyq

Answer: C

Q99. In each of the four pairs of letter-clusters, the letters in the second term are in a rearrange/transformed form of the letters from the first term in a particular pattern. In which two pairs, has the transformation been done the same way?

[A] FLOWER: EKNVDQ

[B] TONGUE:SNMFTD

[C] COMMON:XPNNPM

[D] ARTIST:TISTAR

[E] PRAYER:YREPRA

A. B and C

B. A andC

C. D and A

D. A and B

Answer: D

Q100. Given below is a question followed by two statements, I and II each containing some information. Decide which of the following statement(s) is/are sufficient to answer the question. How is Q related to T?

Statements 1. M is the brother of N and N's mother T is the mother-in-law of P. P is the mother of Q who is the nephew of M.

2. Q is the sister of the daughter of P who is married to N, the son of T.

- A. Either statement I alone or statement II alone is sufficient.
- B. Statement I alone is sufficient.
- C. Both the statements I and II together are not sufficient.
- D. Statement II alone is sufficient.

Answer: A

Q101. Given below is a question followed by three statements, I, II and III, each containing some information. Decide which of the following statement(s) is/are sufficient to answer the question. How is B related to C?

Statements: I. E is sister-in-law of A and wife of B.

- II. C and B are males and C is unmarried.
- III. D is grandfather of C and B is the only child of D.
- A. If the data in statement I alone or in statement II alone or in statement III alone is sufficient to answer the question
- B. If the data in statements II and III are sufficient to answer the question, while the data in statement I is not required to answer the question.
- C. If the data in statements I and II are sufficient to answer the question, while the data in statement III is not required to answer the question
- D. If the data in statements I and II are sufficient to answer the question, while the data in statement II is not required to answer the question.

Answer: B

Q102. In a certain code, P + Q means Q is the brother of P. P x Q means Q is the father of P. P ÷ Q means Q is the sister of P. P - Q means P is the mother of Q. If K+LxM÷N-P, which of the following would definitely be NOT true?

- A. K is the daughter of M.
- B. P is the brother of K.
- C. K is the nephew of N.
- D. N is the aunt of K.

Answer: B

Q103. In a coded form: A @ B means A is the mother of B. A # B means A is the sister of B. A \$ B means A is the son of B. A % B means A is the husband of B. Which of the following expressions shows that "P is the brother-in-law of T?

A. P % Q # R \$ S % T

B. P % Q @ R # S % T

C. Q \$ P # R @ S % T

D. P \$ Q @ R # S % T

Answer: D

Q104. P is the father of Q and brother of R whose son is the brother of T. U is the mother of Q and daughter in-law of V. Z is the mother of R. W is the mother of T and is married to R. How is V related to T?

- A. Paternal grandmother
- B. Paternal grandfather
- C. Maternal grandfather
- D. Uncle

Answer: B

Q105. A team of four is to be selected from batsmen K, L, M, N and four bowlers W, X, Y, Z such that there would be at least two batsmen in the team using the following criteria. i. L and Y cannot be put together ii. K and Z must be together iii. X cannot go with M and vice versa iv. W and N must go together Which of the following four cannot be selected as a team?

A. KZLM B. MWYN C. LKXZ D. LWMY

Answer: D

Q106. In a football ground, eight players G, H, I, J, K, L, M and N are standing in the following manner. N stands 15 m to the south of H. I and J form a straight line. M divides IJ, in 1:3 ratio. I divides HN, in 1:2 ratio. The distance between N and G and G and L are in the ratio of 1:3. G divides MK, in 2:1. J stands 10 m to the north of L. M is 5 m to the east of I. At what distance does K stand with respect to G?

A. 10 m B. 5 m C. 15 m D. 20 m

Answer: B

Q107. Two statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be TRUE, even if they seem to be at variance with commonly Known facts. Decide which of the given conclusions logically follow/s from the given statement.

Statements.

All pens are red
All red are pencils
Conclusions
I. All pens are pencils
II. All pencils are pens

III. At least some pencils are red

- A. Only II follows.
- B. Only I follow.
- C. Only I and III follow.
- D. Only III follows.

Answer: C

Q108. Three statements are followed by two conclusions numbered I and II. You have to consider these statements to be TRUE, even if they seem to be at variance with commonly Known facts. Decide which of the given conclusions logically follow/s from the given statement.

Statements

If All dogs are lion

No lion is a tiger

Some tigers are cat Conclusions

- I. All dogs being cat is a possibility
- II. No dog is a tiger
- A. If both conclusion I and II follow
- B. If neither conclusion I nor II follow
- C. If either conclusion I or conclusion II follow
- D. If only conclusion II follow

Answer: D

Q109. Three statements are followed by two conclusions numbered I and II. You have to consider these statements to be TRUE, even if they seem to be at variance with commonly Known facts. Decide which of the given conclusions logically follow/s from the given statement.

Statements:

Only few Mops are Brooms.

No Bucket is Broom.

All Buckets are Brushes.

Conclusions:

- I. All Mops are Brushes.
- II. Some Buckets are Mops.
- A. Only the conclusion I follow.
- B. Only the conclusion II follow.
- C. Either conclusion I and II follow.
- D. Neither conclusion I nor II follow.

Answer: D

Q110. Mr. X has a certain number of gold coins, 24 silver coins and 36 copper coins. Value of gold coins is equal to value of copper coins. The value of silver coins is one third the value of gold coins. Total number of gold coins is half the number of total silver and gold copper coins together. If total value of the coins he has is 4200. What is the value of 1 copper coin?

A. 25

B. 50

C. 45

D. 60

Answer: B

Q111. In an election, 80% of the votes voted for three candidates, A, B and C. The voters constituted 80% of the population of the state. 10% of the votes cast were declared invalid. B won the election and twice the number of votes of what C got. A got 4000 votes more than C and 4000 votes less than B. The ratio of the

valid votes cast by male and female voters was 3:2. The number of valid female votes in favor of A was 2000 more than that for B and 1600 more than that for C. What was the population of the state?

A. 62,500

B. 45,000

C. 52,000

D. 48,000

Answer: C

Q112. Three sentences are followed by four conclusions numbered I, II, III and IV. Assuming the statements to be true, if they do not conform to real world knowledge, decide which of the conclusion(s) logically follows/follow from the statements.

Statements:

All organizers are participants
Some organizers are managers
All managers are females
Conclusions:
Some participants are managers
Some females are participants

No females is an organizer

All participants are females

- A. Only conclusion I, II and III follow
- B. Only conclusion I and IV follow
- C. Only conclusion I and II follow
- D. Only conclusion II, III and IV follow

Answer: Option C

Q113. Six friends P, Q, R, S, T and U are in a group I. II. III. IV. V. Q and R are shorter than U but heavier than P S is heavier than Q and taller than R T is shorter than S but taller than U U is heavier than S P is shorter than T but taller than U Who is the fourth from the top when they are arranged in descending order of the heights in the group?

A.S

B. U

C. P

D. T

Answer: Option B

Q113. Read the following information carefully and answer the given questions. The candidate must: 1. Have completed graduation from any stream with more than 70% 2. Be less than 30 years of age as on June 1, 2020 3. Have completed a PG Diploma in Creative writing with at least 75% marks However if the candidate fulfils all the above criteria except (i) 4 at 2 but has done post graduation in Journalism his/her case is to be referred to the Vice President (ii) 5 at 3 but has secured more than 85% marks in graduation, his/her case is to be referred to the senior creative manager Natasha completed her graduation from commerce stream with 70% marks. She completed her post-graduation in journalism in 2018 at the age of 29 years. She has also completed her PG diploma in creative writing with 75% marks.

- A. Her case is to be referred to the senior creative manager
- B. Her case is to be referred to the Vice President
- C. She would not be selected
- D. She would be selected

Answer: Option C

Q114. Read the following information carefully and answer the given questions. A public charitable trust desires to select a homeopathy doctor for its hospital in a rural area, based on the following criteria: The candidate must be 1. Holding BHMS degree with minimum 60% marks 2. Having five years of experience of practice in a rural area 3. Having a good knowledge of the local language Incase of the applicant who satisfies all other criteria except (i) at 1 above but has minimum 50% marks at BHMS and has completed MD with 55% his/her case is to be referred to the chief medical officer (ii) at (i) above but has 3 years full time experience of practice in an urban or rural hospital but spent at least 5 years in a rural area, his/her case is to be referred to the secretary (iii) at 3 above but has working knowledge in hindi, his/her case is referred to the hospital management Based on these criteria and information provided, decide the course of action Jasvinder has completed BHMS with a minimum of 52% marks; he has practiced for 6 years in a village. He has a good knowledge of hindi as well as the local language. What decision would be taken for him?

A. He would be selected

B. Refer to the hospital Management

C. Refer to the secretary

D. Refer to Chief medical officer

Answer: Option D

Q115. Which is the wrong term in the following series? RSPH, UWUN, XAZT, AEEZ, DIKG

A. UWUN B. AEEZ C. DIKG D. RSPH

Answer: Option C

Q118. Six friends P, Q, R, S, T and U are standing in a queue at a ticket counter. Q is between U and P. S is just before T. R is just

before U. U is ahead of S with two persons in between them. Who is standing at the last place in the queue?

A. S

B. T

C. P

D. U

Answer: Option B

Q116. Nehal, Iqbal, Ronit, Malini and Harbhajan participate in any one of the five activities i.e. Quiz, Singing, Dance, Debate and Mimicry. Ronit participates in Singing, Harbhajan does not participate in Debate and Mimicry. Malini does not participate in mimicry. Iqbal participates in Quiz. Who participates in Debate?

A. Cannot be determined B. Nehal or Malini C. Malini D. Nehal Answer: Option C

Q117. In a certain code, P + Q means P is the father of Q, P-Q means P is the wife of Q. P x Q means P is the daughter of Q and P/Q means P is the brother of Q If F x G - H + J/K, which of the following statements may not be true?

A. H is the father of K

B. K is the son of G

C. J is the brother of F

D. F is the sister of K

Answer: Option B

Q118. Seven friends A, B, C, D, E, F and G play one of the seven musical instruments i.e. guitar, flute, dholak, Congo, piano, drum and violin. E does not play Congo. A, E and G does not play violin, flute and guitar. F plays piano. D plays drum. Who plays Congo?

A. A

B. B

C. G

D. C

Answer: Question is wrong. Answer can be A or G

Q119. In a certain code, A%B means A is the husband of B A&B means A is the son of B, A#B means A is the wife of B, A@B means A is the daughter of B, A\$B means A is the sister of B. If Q \$ M \$ P @ C # H & R % Z then which of the following statement is NOT correct?

A. H is father of Q.

B. Z is mother-in-law of C.

C. R is maternal grandfather of Q.

D. Z is mother of H.

Answer: Option C

Q120. Eight friends A, B, C, D, E, F, G and H are sitting around a circular table clockwise in the same sequence around a circular table facing the centre at equal distance between them. Who is sitting in the South-east direction?

Statements: I. C is sitting diagonally opposite to G.

II. B is sitting in West direction.

A. Both the Statements I and II together are necessary

B. Statement II alone is sufficient

C. Both the Statements I and II together are not sufficient

D. Statement I alone is sufficient

Answer: Option B

Q121. Given below is a question followed by two statements, I and II, each containing some information. Decide which of the statement/s is/are sufficient to answer the question. What amount would Mr. Anuj need to pay to the taxi company for travelling a distance of 121 km?

- i. The taxi company charges Rs. 11 per km along with a fixed charge applicable on all the journeys iiThe taxi company charged Rs. 835 which included the fixed charge for a journey of 35 km
- A. Both the Statements I and II together are necessary
- B. Both the Statements I and II together are not sufficient
- C. Statement I alone is sufficient
- D. Statement II alone is sufficient

Answer: Option A

Q122. Given below is a question followed by two statements, I and II, each containing some information. Decide which of the statement/s is/are sufficient to answer the question. Is the expression 'B > E' correct?

A.Both the Statements I and II together are necessary

- B. Statement II alone is sufficient
- C. Both the Statements I and II together are not sufficient
- D. Statement I alone is sufficient

Answer: Option A

Q123. Two Statements are given followed by Three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

No cylinder is a drum.

All balls are cylinders.

Conclusions: No drum is a cylinder.

Some cylinders are balls.

No ball is drum.

A. Only conclusion I and III follow

- B. Only conclusion II and III follow
- C. All of the conclusions follow
- D. Only conclusion I and II follows

Answer: Option C

Q124. Happiness of a person does not depend only on his wealth. Assumptions I.Overall well being is also important which contributes to happiness.

II.Wealth alone does not provide happiness

III.The main objective of most of the persons is just acquiring more wealth

- A. Only i and II are implicit
- B. Only III is implicit
- C. Only I is implicit
- D. Only II is implicit

Answer: Option D

Q125. Among six members of the family O,P,Q,R,S and T, how many are females?

Statements: I. O is the wife of P and mother of T, R is grandmother of O and mother of P

II.T is the grandmother of S

A. Statement II alone is sufficient

B. Statement I alone is sufficient

C. Both I and II together are not sufficient

D. Both together I and II are sufficient

Answer: Option C

Q126. A statement is followed by two assumptions numbered I and II. Consider the statement and decide which of the following assumption(s) is/are implicit in the statement Statement The educational framework now requires to go through a process of change so as to cater to the individuals according to their interests and talents. Assumptions I. II. The current educational system is geared to mainstream individuals without due regard to their unique personalities Learners find less scope for their nurturing their individual interests and talents in the present system

A. Only I is implicit

B. Only II is implicit

C. Neither I nor II is implicit

D. Both I and II are implicit

Answer: Option D

Q127. Which is the wrong term in the given series? vcu, teo, qhj, mle, hqc, bwa

A. hqc

B. bwa

C. teo

D. mle

Answer: Option D

Q128. In a certain code, P @ R means P is the wife of R. P \$ R means P is the husband of R. P # R means P is the son of R. Which of the following equations shows that Z is the mother-in-law of W?

A. W @ X \$ Y # Z

B. W # Z @ Y \$ X

C. W \$ X # Y @ Z

D. W @ X # Y \$ Z

Answer: Option D

Q129. Among 5 objects P, Q, R, S and T:

I. R is twice as heavy as T

II. P and S together are as heavy as Q and R together

III. P and R together are as heavy as Q and T together

IV. P and Q together are one and half time as heavy as R and S together. Which among the five is the heaviest of all?

A. R

B. S

C. Q

D. P

Answer: Option C

Q130. A statement is followed by two arguments numbered I and II. Decide which of the argument is/are strong (important and directly related to the question) and which is/are weak (not important or not related to the central message of the question) Statement: Should there be a ban on advertising a medicine? Argument: I. II. No it is the age of advertising, without advertising, awareness about a health product gets restricted. Yes, the money spent on advertising is very huge and it inflates the cost of medicine

- A. Only argument II is strong
- B. Both argument I and II are strong
- C. Only argument I is strong
- D. Both arguments I and II are not strong

Answer: Option B

Q131. There is a group of five friends P, Q, R, S and T. P is second in height but younger than R. Q is taller than S but younger in age. R and S are of the same age but R is shortest in the group. T is taller than Q and elder to R. P is not the youngest in group. Who will be in the third position, if all the friends are arranged in ascending order of the heights?

A. Q

B. S

C.R

D. T

Answer: Option A

Q132. In a certain code, P + R means P is the son of R; P - R is the wife of R and P + R means P is the father of R. If A+B-Q+S, then which of the following is true?

A. A is the grandson of S.

B. S is the uncle of A.

C. A is the brother of S.

D. A is the sister of S.

Answer: Option C

Q133. In each of the five pairs of letter-clusters, the letters in the second term is a rearranged/transformed form of the letters in the first term in a particular pattern. In which two pairs, has the transformation been done the same way?

P. MASON: AMNOS

Q. PARTY: APRYT

R. FAULT: AFTLU

S. LODGE: DOLEG

T. CARGO: ACOGS

A. Q and S

B. P and R

C. Q and R

D. P and S

Answer: Option B

Q134. Eight cricket teams A, B, C, D, E, F, G and H played one-day matches with one another. Every team played one match with every other team at the league stage. In each match, the winning team earned 2 points and the losing team did not earn any point. A won only 1 match; B lost only one match; C lost 3 matches and earned 2 points more than D. E earned 4 points

more than G and G earned the same point as that of H. E and F together earned 16 points. After the league match, the top two teams as per the league points table played the final match and the team scoring the second highest point at the league stage won. Which team won in the final?

A. A

B. B

C. E

D. D

Answer: Option C

Q135. Given below is a question followed by three statements I,II and III, each containing some information. Decide which of the statements is/are sufficient to answer the question. Four subjects were taught i.e. Hindi, English, Math and Science in four consecutive periods of one hour each starting from 8.00 am. At what time was the science period scheduled?

Statements: I.Mathematics period started from 9.00 am which was preceded by hindi

II.English was scheduled in the last

III.Hindi period was scheduled sometime before science

A. Statement I alone is sufficient

B. Statements I and II together are sufficient

C. Statement III alone is sufficient

D. Statement II alone is sufficient

Answer: Option B

Q136.Five friends A, B, C, D and E are sitting in a line facing North. Who is sitting exactly in the middle. 1. C is sitting between A and B. E is at the fourth Place to the left of B. 2. E is sitting to the immediate left of D. C is to the immediate left of B.

- 1. if the question can be answered by using first statement alone.
- 2.if the question can be answered by using second statement alone.
- 3.if the question can be answered by using both statements together.
- 4.if the question cannot be answered even by using both statements together

Correct Option -1

Que. 137 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series. TONY, WTGP, ZYZG, ?, FILO

1.CESY

2.CDSX

3.CDSY

4.CESX

Correct Option - 2

Que. 138 Consider the following arrangement that has some missing letters: a b _ b b _ a b a _ b a _ b a b_a Which one set of letters when subsequently placed at the gaps in the above letter series shall complete it?

1.aabab

2.bbabb

3.abbab

4.aaaab

Que. 139 Five teachers P, Q, R, S and T teach a group of students in a sequence between 9:00 am to 2:00 pm. Each teacher teaches for one hour. Q takes the first class. S teaches just after the T. R teaches before P and T. Who takes the second class from 10:00 am to 11:00 am?

- 1.P
- 2.T
- 3.S
- 4.R

Correct Option - 4

Que. 140 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements

Statements:

- 1. No apple is a banana.
- 2. No banana is a mango.

Conclusions: I. Some apples are mangoes.

- II. Some mangoes can be bananas.
- III. No mango is an apple.
- 1.Only II follows
- 2.Only I follows
- 3.Both I and II follows
- 4. Either I or III follow.

Que. 141 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: Some insects are animals.

Some animals are frogs.

All frogs are cats.

Conclusions: 1. I. Some cats are frogs.

- II. Some frogs are animals.
- III. Some animals are insects.
- 1.All conclusions follow
- 2. Only conclusions I and III follow
- 3. Only conclusions I and II follow
- 4. Only conclusions II and III follow

Correct Option - 1

Que. 142 You are given a question and two statements. Identify which of the statements is/are sufficient to answer the question.

Question: When is Yuvi's wedding anniversary?

Statements: 1: On 7th day of a month.

- 2. The month has 29 days only in a leap year.
- 1. Only statement 1 is sufficient but statement 2 is not sufficient.
- 2.Both statement 1 and statement 2 are sufficient independently.
- 3. Only statement 2 is sufficient but statement 1 is not sufficient.
- 4.Both statement 1 and statement 2 are sufficient together.

Que. 143 In each of the 5 pairs of the letter clusters the letter in the second term is arranged / transformed form of the letters in the first term in a particular pattern. Which two pairs has the transformation in same way.

A. MASON: AMNOS
B. PARTY: APRYT
C. FAULT: AFTLU
D. LODGE: DOLEG
E. CARGO: ACOGS

1.A and C

2.C and D

3.B and C

4.D and E

Correct Option - 1

Que. 144 'A + B' means 'A is the husband of B'.

'A % B' means 'A is the father of B'.

'A \$ B' means 'A is the mother of B'.

If 'Y + Z \$ H % C \$ D + S', then which of the following statements is INCORRECT?

1.C is the mother-in-law of S.

2.Z is the maternal grandmother of C.

3.H is the son of Y.

4.H is the maternal grandfather of D.

Que. 145 How many Rs. Would Shalini need to spend to buy 11 pencils and 14 pens.

- 1. Shalini spent an amount of Rs. 201 to buy 15 pencils and 12 pens.
- 2. Shalini spent an amount of Rs. 121 to buy 7 pencils and 9 pens.
- 1.if the question can be answered by using one of the statements.
- 2. if the question can be answered by using either statement alone.
- 3.if the question can be answered by using both statements together.
- 4.if the question cannot be answered even by using both statements together

Correct Option - 3

Que. 146 A = B means B is the father of A; A * B means A is the sister of B; A ? B means B is the mother of A; A \$ B means A is the brother of B; A @ B means B is the son of A; and A × B means A is the daughter of B. Then which of the following is not correct?

- 1.E \$ F * G means G is the sister of E
- 2. P × R? Q means P is the granddaughter of Q
- 3. G * H @ I = J means J and H are the husband and wife
- 4. X = Y ? Z means Z is the grandmother of X

Correct Option - 1

Que. 147 Who is the youngest in the group? Statements: In a group of four people:

- I. Amit is older than Mahesh and younger than Tanuja.
- II. Rahim is younger than Mahesh.
- 1.Both the Statements, 1 and 2 are necessary.

- 2. Either statement I alone or statement II alone is sufficient.
- 3.Statement I alone is sufficient.
- 4. Statement II alone is sufficient.

Correct Option - 1

Que. 148 Read the information given below carefully and answer the given questions. For the recruitment process in an accounting organization, the following eligibility criteria are required for the candidates: i) Graduation in Commerce with minimum 60% marks. ii) At least 24 years and not more than 40 years of age as of 1-7-2016. iii) Candidates should have at least 2 years of work experience after education. iv) They should have secured 55% marks in the selection process. However, if the candidate fulfills the above criteria, except: (A) In case of (i), if the candidate is not a graduate in commerce but has a master's degree in finance with 60% marks, he/she should approach the Institute of Finance Management. (B) In case of (iii), if the candidate fulfills the eligibility criteria of at least 2 years work experience after education, not only that he has secured 75% marks in the selection process, he/she may be referred for Trainee Accountant. Based on the above information decide whether the following candidates are eligible in the selection process, and select the appropriate option. You do not have to think about anything other than the information given in the question. All the cases given to you are dated 1-7-2016. Anurag Kumar has 6 years of work experience after education. His birthday is 05-4-1992. He has scored 62% marks in the selection process. He has done his graduation in commerce and has scored 76% marks.

- 1. May be referred for Finance Manager
- 2. Should be selected

- 3. Should not be selected
- 4. May be referred for Trainee Accountant

Correct Option - 2

Que. 149

If 24 N 16 A 4 = 12 and 14 A 18 N 12 = 20, then 48 N 16 A 15 = ?

- 1.47
- 2.59
- 3.43
- 4.51

Correct Option - 1

Que. 153 Six girls F, G, H, J, K and L are sitting in a row facing north (not necessarily in the same order). L and K are sitting at extreme ends. Only G is between F and K. J is to the immediate left of H. G is to the immediate right of F. What is the position of F from the left end?

- 1.Fourth
- 2.Second
- 3.Third
- 4.Fifth

Correct Option - 1

Que. 150 In a class, there are five students A, B, C, D, E who sit on a bench. i) B and D are close friends and they always sit together but not at the end sides of the bench ii) E and C sit as far as possible iii) A is a friend of C and sits to the immediate right of C, and also to the immediate left of B The two end sides of the bench are occupied by

1.E, C

2.B, D

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3.E, A
4.C, D
Correct Option - 1
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Que. 151 In the following question, select the related letter/letters from the given alternatives. OPCM: NXKL::?:QPJM.

- 1.NQKJ
- 2.NQLJ
- 3.NQOJ
- 4.NQJK

Correct Option - 1

Que. 152 Standing on a platform, Amit told Sunita that Aligarh was more than ten kilometres but less than fourteen kilometres from there. Sunita knew that it was more than twelve but less than fifteen kilometres from there. If both of them were correct, which of the following could be the distance of Aligarh from the platform?

- 1.11 km
- 2.12 km
- 3.13 km
- 4.14 km

Correct Option - 3

Que. 153 In a psychology test of 6 students- P, Q, R, A, B, and C, the teacher found following information regarding the intelligence level of students. P is more intelligent than A. R is less intelligent than C. P is more intelligent than Y. Q is as much

intelligent as B. If B and C are not the most intelligent student, then who will be the most intelligent student?

1.A

2.Q

3.R

4.P

Correct Option - 4

Que. 154 Five friends A, B, C, D, and E are placed in order of their heights. 1. B is taller than C and E. 2. C is taller than D and B is not the tallest. Regarding the given arrangement, which of the following is incorrect?

1.A is taller than D

2. C is taller than D

3. B is taller than D

4. E is taller than C

Correct Option - 4

Que. 155 Direction: Answer the question based on the following information. Six people (A, B, C, D, E and F) read a novel but have only one copy of the book. Therefore, one person can read the novel at a time. A careful look at the method of reading his novel reveals the following:

Two individuals have read the novel before E

C gives the novel to the last person

Before reading F, B and D have finished reading the novel There are three people between A and F who have read the book A does not get novel from D Who is the first person to read the novel?

Who is the first person to read the novel?

1.D

2 A

3.B

4.F

Correct Option - 3

Que. 156 Statement: The next meeting of the Board of Directors of the company will be held after one year. Assumptions: I. The company will remain in function after one year. II. The Board of Directors will be dissolved after one year. Which of the assumptions is implicit in the statement?

- 1. Only assumption I is implicit
- 2. Only assumption II is implicit
- 3. Either I or II is implicit
- 4. Both I and II are implicit

Correct Option - 1

Que. 157 Direction: Study the following information carefully and answer the questions given below. Following are the alternative eligibility criteria for short-listing Candidates for interview for entry-level job in a bank. i. The candidate should have passed SSC with at least 80% marks. ii. The candidate should have passed HSC with at least 75% marks. iii. The candidate should be an Arts/Science/Commerce graduate with at least 60% marks. iv. The candidate should be an engineer with at least 55% marks. v. The candidate should be a post-graduate in any discipline with at least 50% marks. Any candidate can be eligible under any one or more of the above criteria depending upon his/her academic pursuits. In each of the following questions details of one candidate are given. You have to find out under which of the

above conditions the candidate is eligible and mark your answer accordingly based on the alternatives provided after each question. 1. Satish Menon has secured 85% marks in graduation in science. He has also secured 65% and 75% marks in HSC and post-graduation respectively. He is presently pursuing his second post-graduation degree.

- 1. Eligible under (ii), (iv) and (v) only
- 2. Eligible under (iii) and (v) only
- 3. Eligible under (ii), (iii), (iv) only.
- 4. Eligible under (iv) and (v) only

Correct Option - 2

Que. 158 Kartik Dare has secured 75% marks in SSC. He completed his B.Com with 65% marks after completing his Higher Secondary in Commerce. He has now enrolled in the Master's Degree of Commerce.

- 1. Eligible under (i) only
- 2. Eligible under (ii) only
- 3. Eligible under (iii) only
- 4. Eligible under (i) and (iii) only

Correct Option - 3

Que. 159 MadanGiri is a mechanical engineer. He has secured 60% marks in his final degree examination. He has secured 65% marks in HSC. He has secured 55% marks in his post-graduation in mechanical engineering.

- 1. Eligible under (i), (iv),(v) only
- 2. Eligible under (ii), (iv), (v) only
- 3. Eligible under (iii), (iv), (v) only
- 4. Eligible under (iv) and (v) only

Que. 160 Nikhil Grover is a post graduate in Physics. He has secured 80% marks in SSC. He has also secured 70% marks both in HSC and graduation.

- 1. Eligible under (i), (ii), (iii) only
- 2. Eligible under (ii) and (iii) only
- 3. Eligible under (iii) only
- 4. Eligible under (i) and (iii) only

