

Series, Coding-decoding, Blood relation, Syllogism

Q1. Introducing a woman, Shashank said, "She is the mother of the only daughter of my son." How that woman is related to Shashank?

- (a) Daughter (b) Sister-in-law (c) Wife (d) Daughter-in-law

Q2. **Statements:** Most CPUs are keyboards. No keyboard is a Mouse. All Mouses are CPU.

Conclusion:

I. Some keyboards are CPU II. All CPU's are Mouse

III. No Mouse is a keyboard IV. Some Mouse are keyboard

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

Q3. Find the next term in the series , 18, 10, 8, 9, 11.5, ?

- (a) 18.75 (b) 10.75 (c) 19.75 (d) 14.75

Q4. Pointing to a boy in the photograph, a girl said, "he is the son of the daughter-in-law of my mother's mother". How is the girl related to the boy?

- (a) son (c) brother (d) nephew (d) cousin

Q5. 'all dogs are friends' is coded as '5321', 'all cats are black' is coded as '6431' and 'all dogs eat meat is coded as 9751, then what is the numerical equivalent of 'are'?

- (a) 6 (b) 5 (c) 3 (d) 1

Q6. **Statements:**

I. Some apples are guavas.

II. All apples are oranges.

III. No orange is a papaya.

IV. All papayas are guavas.

Conclusions:

I. Some papayas are apples.

II. Some oranges are papayas.

III. Some guavas are oranges.

- (a) Only conclusion III follows (b) Either conclusion I or conclusion III follows

- (c) None follow (d) Only conclusion I follows

Q7. Find the missing figure in the series: 15, 32, 60, 122, 240, ?

- (a) 488 (b) 482 (c) 364 (d) 362

Q8. If COOKER = +//2*5, ROOSTER = 5//%*5, then what would be the equivalent of MOOSE most appropriately among the following?

- (a) 0//%* (b) 5//S* (c) 0**\$* (d) 0//\$*

Q9. If in a certain language. GAMBLE is coded as FBLCKF, how is FLOWER coded in that code?

- (a) GKPVFQ (b) EMNXDS (c) GMPVDS (d) HNQYGT (e) EKNVDQ

Q10. If FRAGRANCE is written as SBHSBODFG, how can IMPOSING be written?

- (a) NQPTJHOJ (b) NQPTJOHI (c) NQTPJOHJ (d) NQPTJOHJ (e) None of these

Q11. Find the odd man out

- (a) FHKO (b) CEHL (c) ZBEJ (d) XZCG

Q12. A man pointing to that lady said she is the mother of the husband of my mother. How is the lady related to that man?

- (a) Grand Mother (b) Mother (c) Aunt (d) Sister

Q13. This series, you will be looking at a letter pattern. CPJ, LRE, GTN Which of the given options should fill in the blank?

- (a) SUN (b) STC (c) PVI (d) SHT

Q14. Find the missing term in the given series 522 1235 2661 4600 7652 11217, ?

- (a) 15495 (b) 16208 (c) 14782 (d) 169211

Q15. Choose the correct alternative that will continue the same pattern and fill in the blank spaces: 2, 3, 5, 7, 11, (...), 17

- (a) 12 (b) 13 (c) 14 (d) 15

Q16. If in a certain code TEACHER is written as VGCEJGT, how would DULLARD be written in the same code?

- (a) FWMNCTF (b) FWNNBTE (c) FWNNCSF (d) FWNNCTF (e) None of these

Directions for questions (17-21): A group of people has six family members and an advocate. These are L, M, N, O, P, Q and R and having different professions. Each one of them is a journalist, businessman, architect, doctor and pilot but not necessarily in this order. There are three males and three females in the family out of which there are two married couples. M is a businessman and is the father of P. Q is a doctor and grandfather of P who is a male. N is a housewife and is the daughter-in-law of O. L is neither a pilot nor a journalist. R is an advocate. N is not the mother of P and M is married but not to O. No lady is a journalist.

Q17. Which of the following groups represents the three ladies in the group?

- (a) N, P, L (b) P, L, N (c) L, N, O (d) O, P, L

Q18. Who is married to Q?

- (a) N (b) O (c) L (d) Can't be determined

Q19. Who among the following family members is an architect?

- (a) L (b) O (c) P (d) Can't be determined (e) None of these

Q20. Which of the following is the profession of P?

- (a) Architect (b) Pilot (c) Architect or pilot (d) Journalist (e) None of these

Q21. How is Q related to O?

- (a) Father (b) Mother (c) Mother-in-law (d) Son-in-law (e) None of these

Q22. If A + B means A is the brother of B; A x B means A is the son of B; and A % B means B is the daughter of A then which of the following means M is the maternal uncle of N?

- (a) M + O x N (b) M % O x N + P (c) M + O % N (d) None of these

Q23. FLOOD is written as 63664, How WATER is written in that code?

- (a) 51259 (b) 23456 (c) 23456 (d) 15678

Q24. In a certain code BOARD is written as CNBQE. how CRIME is written in that code

- (a) DQJLF (b) DQQJF (c) DLFJL (d) None of these

Q25. Find the odd man out.

462,396, 572, 671,427, 264.

- (a) 671 (b) 462 (c) 427 (d) 264

Q26. A woman says, "If you reverse my own age, the figures represent my husband's age. He is, of course, senior to me and the difference between our ages is one-eleventh of their sum." The woman's age is

- (a) 23 years (b) 34 years (c) 45 years (d) None of these

Q27. Find the missing term 3, 10, 101, ?

- (a) 10101 (b) 10201 (c) 10202 (d) 11012

Q28. **Statements:**

All phones are computers.

All computers are calculators.

Conclusions:

1. All calculators are computers
 2. All phones are calculators
 3. All computers are phones
 4. Some calculators are phones
- (a) Only 1 and 4 (b) Only 3 and 4 (c) Only 2 and 4 (d) Only 1 and 2

Q29. Find the missing term in the given series: 12, 42, 156, 606, 2400, ?

- (a) 9186 (b) 9470 (c) 9570 (d) 9486

Q30. Find the missing term in the given series: 14, 26, 62, 122, 206, ?

- (a) 314 (b) 313 (c) 310 (d) 312

Q31. Find the missing term in the given series 18, 9, 11, ?, 109, 544

- (a) 24 (b) 14 (c) 34 (d) 28

Q32. If $A + B$ means A is the brother of B; $A \% B$ means A is the father of B and $A \times B$ means A is the sister of B. Which of the following means M is the uncle of P?

- (a) $M \% N \times P$ (b) $N \times P \% M$ (c) $M + S \% R \% P$ (d) $M + K \% T \times P$

Q33. In a family, each daughter has the same number of brothers as she has sisters and each son has twice as many sisters as he has brothers. How many sons are there in the family ?

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

Q34. Find the next number in the series: 3, 11, 25, 45,

- (a) 75 (b) 71 (c) 65 (d) 61

Q35. Anand introduces Geeta as the wife the grandson of his mother. How is Anand related to Geeta?

- A. Father-in law B. Brother-in-law C. Uncle D. Grandfather

Directions for questions (36-38): Study the following information carefully to answer the given questions.

Eight Persons P, Q, R, S, T, U, W and X in a family. There are three married couple. T is sister P. R is grandfather of X. W is father of U. Q is daughter in law of S who is not married to W. X is unmarried male and T is married to U who has no child.

Q36. Who among the following is nephew of T?

- (a) R (b) X (c) S (d) Q (e) None of these

Q37. Who among the following is son in law of S?

- (a) P (b) X (c) R (d) U (e) None of these

Q38. What is the relation of Q with X?

- (a) Mother (b) Aunt (c) Grand-Mother (d) Sister (e) Wife.

Q39. **Statements:** Some keys are staplers. Some staplers are stickers. All the stickers are pens.

Conclusions:

1. Some pens are staplers.
2. Some stickers are keys.
3. No sticker is key.
4. Some staplers are keys.

- (a) Only (1) and (2) (b) Only (2) and (4)
(c) Only (2) and (3) (d) Only (1) and (4) and either (2) or (3)

Q40. **Statements:** Some envelopes are gums. Some gums are seals. Some seals are adhesives.

Conclusions:

1. Some envelopes are seals.
2. Some gums are adhesives.
3. Some adhesives are seals.
4. Some adhesives are gums.

- (a) Only (3) (b) Only (1) (c) Only (2) (d) Only (4)

Answer key

1	D	9	B	17	C	25	C	33	C
2	C	10	D	18	B	26	C	34	B
3	D	11	C	19	A	27	C	35	A
4	D	12	A	20	D	28	C	36	B
5	C	13	C	21	E	29	D	37	D
6	A	14	A	22	D	30	A	38	A
7	B	15	B	23	A	31	D	39	D
8	D	16	D	24	A	32	D	40	A