1. Among A, B, C, D, E and F, only one person likes the colour Black. Among them, only two study in class 12th, while the rest study in class 10th. Only C is in the same class as F. D likes the colour Pink. None of those studying in 12th like the colour Black. Neither A nor E likes the colour Black.

   Who among them likes the colour Black?

   a) C   b) F   c) B   d) A

2. 7 friends Garima, Pakhi, Parul, Shikha, Ruby, Ana and Somya are seated on a bench and are facing North. Shikha is an immediate neighbour of the person who is seated at one of the extreme ends. Only three people are seated between Ana and Ruby. Ruby is seated at one of the extreme ends of the bench. Ruby is an immediate neighbour of Pakhi. Parul is an immediate neighbour of both Somya and Pakhi. Who is seated in the middle of the bench?

   a) Shikha   b) Ana   c) Parul   d) Somya

3. In a certain code language, 'she is beautiful' is written as 'mat mug bit', and 'beautiful and water' is written as 'bit cap lan'. How will 'beautiful' be written in that language?

   a) mat   b) mug   c) cap   d) bit

4. Choose the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

   FL : BH :: RY : NU :: GM : ?

   a) CI   b) DK   c) LP   d) QS

5. Rohan started from his home towards the east, and after walking for 5 m, turned left. From there, after walking for 15 m, he turned right and walked for 5 m to reach a flower shop. In which direction is his home with respect to the flower shop? (All turns are 90° turns only)

   a) North   b) West   c) South-west   d) South-east

6. In a certain code language, 'CONSUME' is written as 'CEMNOSU' and 'COMPEL' is written as 'CELMOP'. How will 'ENGLISH' be written in that language?

   a) EGHILNS   b) EHGLNSI   c) EHGILNS   d) EGHNLSI

7. Choose the option that is related to the third term in the same way as the second term is related to the first term.

   Patient: Doctor :: Student:?

   a) Monitor   b) School   c) Teacher   d) Lecture

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[1]

8. 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. All the cases are four-wheelers.
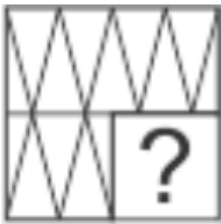
   2. All the four-wheelers are vehicles.

   Conclusions:

   I. All the vehicles are four-wheelers
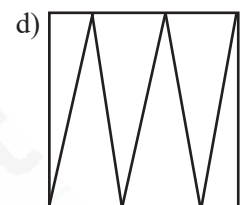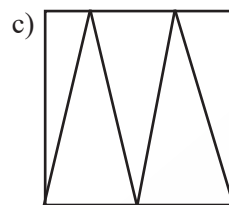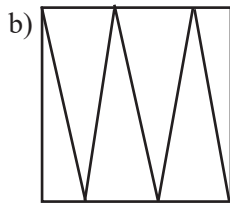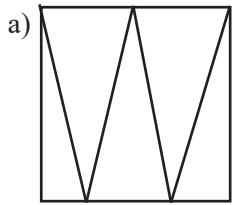
   II. All the cases are vehicles.

   a) Only II   b) Either I or II   c) Only I   d) Both I and II

9. Pointing to a photograph, a person said, "she is the daughter of the woman who is the mother of the husband of my mother". How is the lady in the photograph related to this person?

   a) Sister-in-law   b) Daughter   c) Aunt   d) Sister

10. From among the given options, choose the word which cannot be formed using the letters of the given word.

    DAUGHTER

    a) HURT   b) GET   c) TOUGH   d) DATE

11. Rearrange the jumbled letters to make a meaningful English word and then choose the word which is different from the rest.

    a) OHOT   b) ETRE   c) OTOR   d) DESE

12. Choose the number which is different from the other numbers given below :

    a) 571   b) 157   c) 599   d) 387

13. Nine boxes were kept one above the other in the form of a stack. They contain different mobile phone brands. No two boxes contain the same brand.

    Three boxes are kept between Xiaomi and Micromax. Two boxes are kept between Vivo and iPhone, which is kept just above Micromax. Nokia is just above Xiaomi. LG is just above Oppo. One box is kept between Lenovo and Samsung which is kept below Lenovo.

    Which brand is kept at the top position?

    a) Xiaomi   b) Nokia   c) Oppo   d) iPhone

14. Study the following questions carefully and choose the right answer:

    1. Curd   2. Grass   3. Butter   4. Milk

    5. Cow

    a) 2, 5, 4, 3, 1   b) 4, 2, 5, 3, 1   c) 5, 2, 3, 4, 1   d) 5, 2, 4, 1, 3

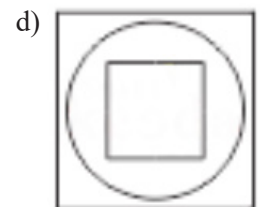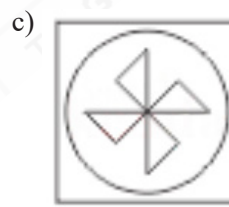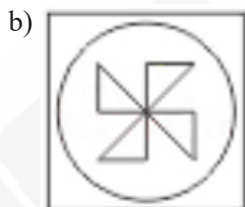15. Which Answer Figure will complete the pattern in the figure?
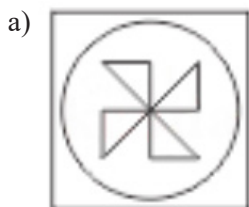
    Question figure:

    Answer figures:

    a)   b)   c)   d)

16. Study the following questions carefully and choose the right answer.

    a)   b)   c)   d)

17. How many such pairs of letters are there in the 'ENTHUSIASTIC' each of which has as many letters between them in the word as in the English Alphabet?

    a) One   b) Two   c) Three   d) More than three

18. **Statement:** Should state lotteries be stopped?

    Arguments:

    I. Yes. The government should not promote gambling habits.

    II. No. the Government will lose a large amount of revenue.

    a) Only I is strong

    b) Only II is strong

    c) Either I or Il is strong

    d) Both I and II are strong

19. **Statement:** Most of the development plans develop in papers only.

    Courses of action:

    I. The in-charge should be instructed to supervise the field-work regularly.

    II. The supply of paper to such departments should be cut short.

    a) Only I follows   b) Only II follows   c) Neither I nor II follows   d) Both I and II follow

20. In the following questions two statements are followed by two conclusions. You have to mark the appropriate answer as per the information given.

    Statement: $Z > W > V = K < L < I$

    Conclusions:

    I. $W > K$

    II. $I > K$

    a) If only conclusion II is true   b) If both conclusions I and II are true

    c) If only the conclusion is true   d) If neither conclusion I nor II is true

21. In a certain code, 'sky is blue' is written as '815'; 'blue and red' is written as '725'; 'Ram likes red' is coded as '203'; 'Sita and Ram' are written as '379'. What will be the code for 'Ram likes blue'?

    a) 257   b) 512   c) 573   d) 503

22. If '+' means 'divided by', '–' means 'add', '×' means 'minus' and '÷' means 'multiplied by', what will be the value of the following expression?

    $[\{(32 \times 24) - (4 \div 3)\} + (3 - 2)] \div 3$

    a) 8   b) 10   c) 6   d) 12

23. If West is replaced by North east, then South will be replaced by which of the following directions?

    a) Northwest   b) South   c) Southwest   d) East

24. If 80% of a number is 768, what will be 40% of 5% of that number?

    a) 16.4   b) 13.5   c) 20.6   d) 19.2

25. A is the husband of M who is sister-in-law of N. N is the daughter of R and U. M is the daughter-in-law of U. How is A related to U?

    a) Father   b) Son   c) Brother   d) Brother-in-law

26. Pointing to a man, a girl said, " He is the brother of my grandmother's only child's husband's only brother." How is the man related to the girl?

    a) Grandfather   b) Uncle   c) Brother   d) Father

27. A stands in the 100th position from the front of the queue and there are 3 persons between A and B. B stands after A. If the first 30 persons are removed from the queue then what is the position of B from the front of the queue?

    a) 74   b) 78   c) 80   d) 76

28. If '+' means '-', '-' means '×', '×' means '÷' and '÷' means '+', then what will come in place of the question mark (?) in the following equation?

    $32 \div 14 + 16 - 8 \times 4 = ?$
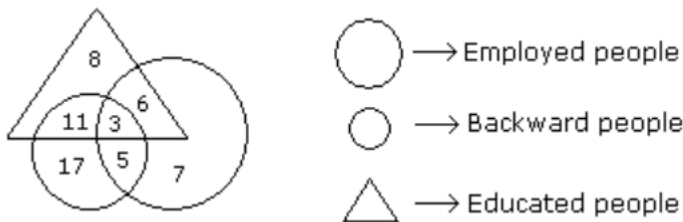
    a) 14   b) 18   c) 16   d) 22

29. Refer to the following number and symbol series and answer the question that follows.

    Counting to be done from left to right only. All numbers are single-digit numbers.

    (Left) # * £ 3 9 € # % £ 1 % £ 8 8 1 4 9 % 5 8 & 7 (Right)

    How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

    a) 2   b) 3   c) 1   d) 4

30. Study the following figure and answer the questions given below.

    How many backward uneducated people are employed?

    a) 14   b) 5   c) 7   d) 11

31. Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

    # : VEC :: BNW : %

    a) # = XHA, % = ZKY   b) # = ZKY, % = FTS   c) # = FTS, % = XHA   d) # = DQU, % = XHA

32. In a row of 73 students facing north, Gita is 16th from the left end. If Sunita is 21st to the right of Gita, what is Sunita's position from the right end of the line?

    a) 31st   b) 28th   c) 22nd   d) 37th

33. Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

    a) HL - JN   b) MU - KH   c) NR - PT   d) SW - UY

34. Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

    OKI 4, QLG 8, SME 12, UNC 16, ?

    a) WOA 24   b) WOA 20   c) WOV 20   d) VOW 16

35. In a certain code language,

    A + B means 'A is the mother of B'

    A – B means 'A is the brother of B'

    A × B means 'A is the wife of B' and

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

    How is M related to Q if 'M + N × O ÷ P – Q'?

    a) Father's sister   b) Mother's mother   c) Father's mother   d) Mother's sister