1. Twenty women can do a work in sixteen days. Sixteen men can complete the same work in fifteen days. What is the ratio?   A. 3 : 4   B. 4 : 3   C. 5 : 3   D. Data inadequate

2. Two squares are chosen at random on a chessboard. What is the probability that they have a side in common?

A. 1/18   B. 64/4032   C. 63/64   D. 1/9

3. A shopkeeper bought an article for Rs 319.60. Approximately, at what price should he sell the article to make 25% profit?   A. 400 Rs   B. 450 Rs   C. 500 Rs   D. 550 Rs

4. How many words can be formed from the letters of the word "ALTER", so that the vowels never come together?

 A. 24   B. 36   C. 72   D. None

5. A man is 36 years older than his son. In four years, his age will be thrice the age of his son. The present age of his son is: A. 14 years   B. 18 years   C. 20 years   D. 22 years

6. Six bells commence tolling together and toll at intervals of 2, 4, 6, 8 10 and 12 seconds respectively. In 30 minutes, how many times do they toll together?   A. 4   B. 16   C. 13   D. 15

7. The average of six numbers is 32. The average of three of these numbers is 29. The average of the remaining three numbers is: A. 24   B. 35   C. 46   D. Data Inadequate

8. One tap can fill a tank 10 hours. And another tap can empty the tank in 15 hours. How much time does it take to fill the tank if both pipes are opened?   A. 20 hours   B. 25 hours   C. 30 hours   D. 35 hours

9. If A : B : C = 2 : 3 : 4, C : D = 2 : 3 then A : B : C : D = ?

A. 6 : 4 : 3 : 2   B. 3 : 2 : 4 : 6   C. 3 : 4 : 5 : 6   D. 2 : 3 : 4 : 6

10. Two dice are tossed. The probability that their total score is a prime number is:

A. 5/12   B. 2/9   C. ¼   D. 1/6

11. A boat moves downstream at the rate of 1km in 6 minutes and upstream at the rate of 1 km in 10 minutes. The speed of the current (in km/hr) is: A. 1   B. 4   C. 3   D. 2

12. The least number, which when divided by 16, 20 and 48 leaves in each case a remainder of 11 is:

A. 251   B. 336   C. 444   D. 548

13. A cyclist completes a journey of 50 km in 2 hours and another 60 km in 2.5 hours. Find the ratio of their average speeds:

A. 8:21   B. 4:3   C. 25:24   D. 4:5

14. Find the average of all the numbers between 26 and 54 which are divisible by seven:

A. 18   B. 38.5   C. 44   D. 50.8

15. Find compound interest on Rs. 7500 at 4% per annum for 2 years, compounded annually.

A. Rs. 512   B. Rs. 552   C. Rs. 612   D. Rs. 622

16. If MILD is written as HEIB, then GATE is written as: A. BQWC   B. BWQC   C. BQCW   D. BCWQ

17. A is the husband of B. E is the daughter of C. A is the father of C.How is B related to E?

 A. mother   B. Grandmother   C. Aunt   D. Cousin

18. DKM FJP HIS JHV **?**   A. LGY   B. HGY   C. IGY   D. None of these

19. Which digit will come in place of **?** Mark 1, 1, 3, 9, 5, 25, 7, 49, **?**, 81 A. 7   B. 9   C. 8   D. 10

20. Which word does NOT belong with the others?

A. Spade   B. Diamond   C. Brick   D. Club

21. If VCDNG stands for TABLE, then MPKHG may stand for:

A. SPORT   B. KNIFE   C. PLACE   D. CHAIR

22. Choose the number which is different from others in the group: A. 232   B. 431   C. 612   D. 813

23. Which word does NOT belong with the others?   A. Faraday   B. Marconi   C. Beethovan   D. Newton

24. Mountain : Height :: A. River : Water   B. Valley : Beauty   C. Moon : Shadow   D. Cave : Depth

25. If BASKET is coded as 116, then COLOUR is coded as: A. 188   B. 168   C. 180   D. 176

26. BY IQ NK QG **?**   A. RF   B. TF   C. RE   D. None of these

27. If 'Cloud' is called 'White', 'White' is called 'Rain', 'Rain' is called 'Green', 'Green' is called 'Air', 'Air' is called 'Blue' and 'Blue' is called 'Water', where do the birds fly?

A. Air   B. Cloud   C. White   D. Blue

28. Inspiration : Poetry ::

A. Music : Notes   B. Dirt : Disease   C. Brush : Painting   D. Thought : Mind

29. If ABSENT is written as BDVISZ, then ECONOMICS may be written as:

A. FERRTSPKB   B. DBNMLNHBR   C.FERTRSPBK   D. FERSTRPKB

30. FAG, GAF, HAI, IAH, _____   A. JAK   B. SAA   C. FGD   D. SDE