PES University
Faculty of Management and Commerce (FOMC)
Centre for Business Data Analytics (CBDA)

Aptitude Questions

Total Marks: 60

1. A family consists of six members Swapna, Raj, Ashok, Anisha, Akash and Ali. Raj is the son of Ashok but Ashok is not mother of Raj. Swapna and Ashok are married couple. Akash is the brother of Ashok. Anisha is the daughter of Swapna. Ali is the brother of Swapna, How many children does Swapna has?
   a) One
   b) Two
   c) Three
   d) Four
   e) None

Direction (Q2 and Q3) read the information and answer the questions:

Five friends L, M, N, O and P travelled from Maharashtra to five different states Arunachal Pradesh, Assam, Bihar, Karnataka and Goa by 5 different modes of transport: taxi, ship, airplane, train and car. The one who travelled to Bihar did not travel by car. N went to Karnataka by Train and M went to Assam by Airplane. O travelled by Car and P travelled by ship. Maharashtra is not connected by taxi to Arunachal Pradesh and Bihar.

2. What means did N use?
   a) Taxi
   b) Ship
   c) Airplane
   d) Train
   e) Car

3. Which state did P travel to?
   a) Bihar
   b) Assam
   c) Karnataka
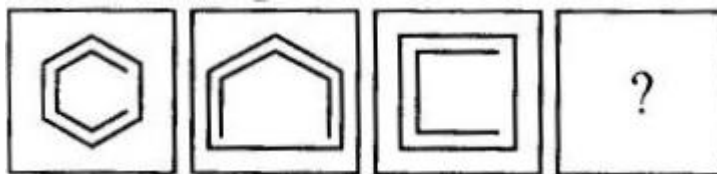   d) Arunachal Pradesh
   e) Goa

Direction read the statements/ assumptions for the questions:

4. Statement: English language learning should be started in school.
   Assumptions:
   Statement 1: English language is easy to learn
   Statement 2: Learning English helps in getting a job
   a) Assumption I is implied
   b) Assumption II is implied
   c) Either I or II is implied
   d) Neither I or II is implied
   e) Both the assumptions are implied
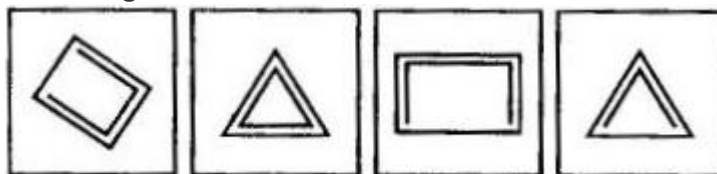
5. AZB, BZA, CZD, DZC, _____?
   a) AZC
   b) DZM
   c) EZF
   d) FZE

6. Problem Statement: In a certain language, PEN is written as 3500, CIL is written as 2400. Then 1600 will represent which word out of given alternatives?
   a) GOOD
   b) WOOD
   c) CRAB
   d) CAGE

7. Numeric Series Problem: Look at this series:7, 5 , 7, 17, 63,... What number should come next?
   a) 400
   b) 411
   c) 309
   d) 327

8. Complete the series 2,7, 14, 23, 34,..
   a) 57
   b) 47
   c) 61
   d) 43

9. The average weight of 11 men is decreased by 3 kg when one of them whose weight is 80 kg is replaced by a new man. What is the weight of the new man?
   a) 38
   b) 47
   c) 52
   d) 70

10. Replace? With correct figure.
    Question figures:

    Answer figures:

            (1)   (2)   (3)   (4)
    a) 1
    b) 2

c) 3
d) 4

11. Complete the series 11, 21, 41, 65, ?
  a) 74
  b) 121
  c) 161
  d) 81

12. In the following number series a wrong number is given. Find out the wrong number.
Series: 1, 3, 10, 21, 64, 149,
  a) 10
  b) 149
  c) 64
  d) 21

13. In an election between two candidates, one got 55% of the total valid votes, 20% of the votes were invalid. If the total number of votes was 8000, the number of valid votes that the other candidate got, was :
  a) 2500
  b) 2700
  c) 2880
  d) 2985

14. A and B invest in a business in the ratio 3:2. If 5% of the total profit goes to charity and A's share is Rs. 855, the total profit is :
  a) 1500
  b) 1600
  c) 1400
  d) 1800

15. Arrange the following in the increasing order of specificity.
  1) Human 2) vertebrate 3) mammal 4) living being
  a) 1,2,3,4
  b) 4,3,2,1
  c) 2,3,1,4
  d) 4,2,3,1

16. How many triangles are there in the given figure?

  a) 13

b) 24
c) 16
d) 18

17. Three of the four following words are alike in certain way. Select odd one out
    a) Goggles
    b) Spectacles
    c) Bifocals
    d) Optical reader

18. 139: 228:: 122: 211:: 2: ?
    a) 198
    b) 89
    c) 200
    d) 91
    e) None of the above

19. What least number must be added to 1056, so that the sum is completely divisible by 23?
    a) 18
    b) 2
    c) 4
    d) None of the above

20. Which words does not belong with others?
    a) Wing
    b) Fin
    c) Beak
    d) Rudder

21. Bird : Beak :: Cup : ??
    a) Forest
    b) Lip
    c) Bush
    d) Tongue

22. given the series below
    Series : X U V A M N P E I
    Choose the correct one that fits the ?? mark.
    XV, UM, VP, ??
    a) AI
    b) AN
    c) MP
    d) ME

23. Pointing to a woman, Abhijit said, "Her granddaughter is the only daughter of my brother." How is the woman related to Abhijit?
    a) Mother
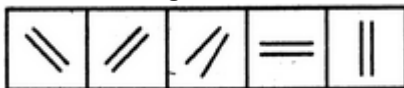   b) Daughter

c) Mother-in-law
d) None of the above

24. Words are the essential part of ??
    a) Slang
    b) Language
    c) Writing
    d) Tongue

25. A sum of money at simple interest amounts to Rs. 700 in 3 years and to Rs. 739 in 4 years. The sum is:
    a) 750
    b) 583
    c) 690
    d) 800

26. Choose the figure that's different from the rest!

    (1)   (2)   (3)   (4)   (5)
    a) 1
    b) 2
    c) 3
    d) 4
    e) 5

27. The sum of the ages of X, Y and Z is 50 years. What was the sum of their ages 3 years ago?
    a) 41
    b) 31
    c) 21
    d) None of the above

28. The product of all the dials of a telephone is?
    a) 3,62,880
    b) 0
    c) 3,62,990
    d) None of the above

29. A student got twice as many sums wrong as he got right. If he attempted 69 sums in all, how many did he solve correctly?
    a) 33
    b) 23
    c) 43
    d) 13

30. What is the largest 4 digit number that is exactly divisible by 88?
    a) 9944
    b) 9999

c) 9898
d) None of the above