Aptitude Test (40 -45 Min)

Total points   31/40   ?

First Round of interview

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✓ 1) The difference between 4/17 of 17/19 of a number and 3/38 of the   *1/1
   same number is 17.5. Find the number.

☑ 133   ✓

☐ 140

☐ 132

☐ 120

☐ Other: _____

✗ 2) a, b, c, and d are four numbers in arithmetic progression. Mean of   *0/1
   these four numbers is 20. The common difference between the numbers
   is 6. Find the product of first and the last numbers.

☐ A. 361

☐ B. 541

☐ C. 218

☐ D. 320

☐ E. None of these

☑ Other: 319   ✗

Correct answer

☑ E. None of these

✓ 3) Today is Sunday. I will be attending an interview 4 days after the day   *1/1
before yesterday. On which day will I be attending the interview?

☑ A. Tuesday   ✓

☐ B. Monday

☐ C. Saturday

☐ D. Friday

☐ E. None of these

☐ Other: _____

✗ 4) A function f(x) is defined as f(x) = f(x - 2) - x(x + 2) for all the integer   *0/1
values of x and f(1) + f(4) = 0. What is the value of f(1) + f(2) + f(3) + f(4)
+ f(5) + f(6)?

☐ A. 41

☑ B. 89   ✗

☐ C. 20

☐ D. 44

☐ E. None of these

☐ Other: _____

Correct answer

☑ E. None of these

✓ 5) The cost price of item A, Item A was sold at a profit of 10% and Item B *1/1
was sold at a loss of 20%. If the respective ratio of selling price of items
A and B is 11:12, what is the cost price of item B?

☐ A. 400

☐ B. 445

☑ C. 450   ✓

☐ D. 460

☐ Other: _____

✓ 6) A car covers the first 30 km of its journey in 45 minutes and the   *1/1
remaining 25 km in 30 minutes. What is the average speed of the car?

☐ A. 33 km/h

☑ B. 44 km/h   ✓

☐ C. 55 km/h

☐ D. 54 km/h

☐ Other: _____

✓ 7) A sum of Rs 731 is divided among A, B and C such that 'A' receive 25%   *1/1
more than 'B' and 'B' receive 25% less than 'C'. What is C's share in the
amount?

- [ ] A. 270

- [ ] B. 271

- [x] C. 272   ✓

- [ ] D. 273

- [ ] Other: _____

✓ 8) Jack consumes 75% of his salary. Later his salary is increased by 20%   *1/1
and he increases his expenditures by 10%. Find the percentage increase
in his savings.

- [ ] A. 44

- [ ] B. 45

- [ ] C. 46

- [x] D. 50   ✓

- [ ] Other:

✕ 9) 5 years ago the ratio of Shyam's age to Ram's age is 3:2. If Ram's   *0/1
    present age is 25% less than Shyam's present age. What will be Ram's
    age after 10 years?

☐ A. 30

☐ B. 25

☐ C. 14

☐ D. 40

☑ Other: 15   ✕

Correct answer

☑ B. 25

✓ 10) The ratio of the speed of two trains is 7:8. If the second train covers   *1/1
    400 km in 4 h, find out the speed of the first train.

☐ A. 80 km/h

☑ b. 87.5km/h   ✓

☐ C. 90 km/h

☐ D. 62 km/h

☐ Other:

✓   11) Two friends A and B were employed to do a work. Initial deadline was *1/1
    fixed at 24 days. Both started working together but after 20 days, A left
    the work and the whole work took 30 days to complete. In how much time
    can B alone can do the work?

☐   A. 50

☐   B. 56

☐   C. 55

☑   D. 60   ✓

☐   Other: _____

✗   12) A zoo has some peacocks and some horses. If the number of heads   *0/1
    be 48 and the number of feet be 140, then the number of peacocks will
    be:

☐   A. 25

☐   B. 26

☐   C. 24

☐   D. 21

☑   Other: 22   ✗

Correct answer

☑   B. 26

✓ 13) 3 men and 4 women can complete a work in 10 days by working 12 *1/1
hours a day. 13 men and 24 women can do the same work by working
same hours a day in 2 days. How much time would 12 men and 1 women
working same hours a day will take to complete the whole work?

☐ A. 8

☐ B. 7

☐ C. 5

☑ D. 4 ✓

☐ Other: _____

✓ 14) If x3 + y3 = 9 and x + y = 3, then the value of x4+y4 is, * 1/1

☐ A. 16

☑ B. 17 ✓

☐ C. 18

☐ D. 13

☐ Other: _____

✗ 15) Three pipes A, B and C were opened to fill a cistern. Working alone, A, *0/1
   B and C require 12, 15 and 20 minutes respectively. After 4 minutes of
   working together, A got blocked and after another 1 minute, B also got
   blocked. C continued to work till the end and the cistern got completely
   filled. What is the total time taken to fill the cistern?

☐ A. 6 minutes 55 seconds

☑ B. 6 minutes 20 seconds   ✗

☐ C. 6 minutes 74 seconds

☐ D. 6 minutes 40 seconds

☐ Other:

Correct answer

☑ D. 6 minutes 40 seconds

✓ 16) If P=3, R=27, T=243, then Q+S = _____. *   1/1

☐ A. 85

☐ B. 40

☐ C. 87

☑ D. 90   ✓

☐ Other:

✓ 17) A sum amounts to Rs 2506 at simple interest rate of 13.5% per annum after 4 years. Find the sum.   *1/1

☐ A. 2440

☑ B. 1627.27   ✓

☐ D. 1420

☐ E. None of these

☐ Other:

✓ 18) At what rate of SI, a sum of Rs.7000 amounts to Rs.7700 in 2 years? *   1/1

☑ A. 5   ✓

☐ B. 4

☐ C. 3

☐ D. 2

☐ Other: _____

✓   19) A certain amount was lent at a rate R for 2 yrs at SI. If it been put at   *1/1
3% higher rate, it would have fetched Rs 300 more. Find the amount?

☐ A. 4000

☐ B. 7000

☐ C. 4500

☑ D. 5000   ✓

☐ Other:
_____

✓   20) The SI on a sum is 1/4th of the principal, and the duration (in years) is *1/1
equal to the rate per cent per annum. Find the rate per cent.

☑ A. 5   ✓

☐ B. 4

☐ C. 7

☐ D. 2

☐ Other:

!

✗ 21) What is the number of possible words that can be made using the   *0/1
word "EASYQUIZ" such that the vowels always come together?

✗

☑ A. 4550   ✗

☐ B. 4620

☐ C. 2880

☐ D. 2000

☐ Other: _____

Correct answer

☑ C. 2880

✓ 22) In how many ways can an interview panel of 3 members be formed   *1/1
from 3 engineers, 2 psychologists and 3 managers if at least 1 engineer
must be included?

✓

☑ A. 46   ✓

☐ B. 45

☐ C. 44

☐ D. 40

☐ Other: _____

✓   23) 4 dices are thrown simultaneously. What is the probability that all the *1/1
    dices show the same number.

☑ 1/216   ✓

☐ 2/216

☐ 3/1216

☐ 4/216

☐ Other: _____

✓   24) What is the probability of getting a sum of 9 from two throws of a *1/1
    dice?

☑ A. 1/9   ✓

☐ B. 1/6

☐ C. 1/3

☐ D. 1

☐ Other: _____

✓ 25) The area of the square garden is 625 sq.m.What is the area of a path *1/1
   of width 2.5 m around it if the path is outside the garden

☑ A. 275   ✓

☐ B. 300

☐ C. 320

☐ D. 450

☐ Other: _____

✓ 26) If the radius of a circle is increased by 6%, then the area is increased *1/1
   by:

☐ A. 12

☑ B. 12.36   ✓

☐ C. 13.25

☐ D. 14.01

☐ Other: _____

✗ 27) How many litres of water can filled in a tank of length, breadth and   *0/1
   height of 4m, 3 m and 1.5 m respectively?

☐ A. 18000

✓ B. 20000   ✗

☐ C. 14000

☐ D. 16000

☐ Other: _____

Correct answer

✓ A. 18000

✓ 28) Peter buys a bag at the price of Rs 27.50. After some days, he sells it   *1/1
   at the price of Rs 28.90. What is the percentage of his gain?

☐ A. 5

✓ B. 5.09   ✓

☐ C. 6.01

☐ D. 6

☐ Other: _____

✕ 29) For a shirt cost price is Rs. 400. Shopkeeper prints a tag on it with   *0/1
   Markup% = 20% to earn a profit of 7.5%. What is markup?

☐ A. 44

☐ B. 85

☐ C. 80

☐ D. 75

☑ Other: 40   ✕

Correct answer

☑ C. 80

✓ 30) A person bought 3 Oranges for 2 Rs and sold 2 Oranges for 3 Rs.   *1/1
   Calculate his Profit percentage?

☐ A. 120

☑ B. 125   ✓

☐ C. 130

☐ D. 140

☐ Other:

✓ 31) If the sum of two numbers is 13 and the sum of their square is 85.   *1/1
    Find the numbers?

☑ A. 6, 7   ✓

☐ B. 8, 5

☐ C. 4, 3

☐ D. 11, 2

☐ Other: _____

✓ 32) HCF of two numbers is 11 and their LCM is 385. If the numbers do   *1/1
    not differ by more than 50, what is the sum of the two numbers?

☐ A. 142

☐ B. 156

☐ C. 162

☑ D. 132   ✓

☐ Other:

✓ 33) Today is Monday. After 61 days, it will be: * 1/1

- ☑ A. Saturday ✓
- ☐ B. Tuesday
- ☐ C. Monday
- ☐ D. Friday
- ☐ Other: _____

✓ 34) What was the day of the week on January 1, 2001? * 1/1

- ☐ E. Sunday
- ☐ F. Tuesday
- ☐ G. Saturday
- ☑ H. Monday ✓
- ☐ Other:

✓ 35) If a * b = 2a - 4b + 2ab, then 3*4 + 4*3 =? * 1/1

- ☐ A. 50
- ☐ B. 41

☑ C. 34   ✓

☐ D. 12

☐ Other: _____

✓ 36) If p - q = 6 and p^2 + q^2 = 116, what is the value of pq? *   1/1

☑ A. 40   ✓

☐ B. 41

☐ C. 44

☐ D. 39

☐ Other: _____

✓ 37) Fill the blank in the middle of the series or end of the series: OLT, NNS, *1/1
MPR, LRQ, _____

☐ A. KOP

☑ B. KTP   ✓

☐ C. JRP

☐ D. KSP

☐ Other: _____

✓ 38) One morning Udai and Vishal were talking to each other face to face   *1/1
   at a crossing. If Vishal's shadow was exactly to the left of Udai, which
   direction was Udai facing?

   ☐ A. East

   ☐ B. West

   ☑ C. North   ✓

   ☐ D. South

   ☐ Other: _____

✓ 39) Sowmya Krishnan walked 20 m towards the north. Then she turned   *1/1
   right and walks 30 m. Then she turns right and walks 35 m. Then she
   turns left and walks 15 m. Finally she turns left and walks 15 m. In which
   direction and how many meters is she from the starting position?

   ☐ A. 15 m West

   ☐ B. 30 m East

   ☐ C. 30 m West

   ☑ D. 45 m East   ✓

   ☐ Other: _____

X   40) Pointing to a photograph of a boy Mr. Ram said, "He is the son of the   *0/1
    only son of my mother." How is Mr Ram related to that boy?

☐ E. Brother

☐ F. Uncle

☑ G. Cousin   X

☐ H. Father

☐ Other: _____

Correct answer

☑ H. Father

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