D.K.M. College for Women (Autonomous)
Aptitude Test

Simplification- Test 19

1. Can you find the answer for the below equation 81 * 338 / 327 + 336 - 329

a) 96.72 b) 87.72
c) 90.72 d) 94.72

2. A sum of Rs. 312 was divided among 100 boys and girls in such a way that each boy gets Rs. 3.60 and each girl Rs. 2.40. The number of girls is:

a) 35 b) 40
c) 60 d) 65

3. Each boy contributed rupees equal to the number of girls and each girl contributed rupees equal to the number of boys in a class of 60 students. If the total contribution thus collected is Rs. 1600, how many boys are there in the class?

a) 25 b) 30
c) 50 d) Data inadequate

4. In an examination, a student scores 4 marks for every correct answer and loses 1 marks for every wrong answer. If he attempts all 60 question and secure 130 marks, the number of question he attempts correctly is:

a) 35 b) 38
c) 40 d) 42

5. A cricket team won 3 matches more than they lost. If a win gives them 2 points and loss (-1) point, how many matches, in all, have they played if their score is 23?

a) 17 b) 20
c) 37 d) 40

6. On children's Day, sweets were to be equally distributed among 175 children in a school. Actually, on the children's Day, 35 children were absent and therefore each child got 4 sweets extra. Total how many sweets were available for distribution?

a) 2400 b) 2480
c) 2680 d) 2750

7. A certain number of tennis balls were purchased for Rs. 450. Five more balls could have been purchased in the same amount if each ball was cheaper by Rs. 15. The number of balls purchased was:

a) 10 b) 15
c) 20 d) 25

8. The price of 10 chairs is qual to that of 4 tables. The price of 15 chairs and 2 tables together is Rs. 4000. The total price of 12 chairs and 3 tables is:

a) Rs. 3500 b) Rs. 3750
c) Rs. 3840 d) Rs. 3900

9.Can you find the answer for the below equation 69 * 272 - 264 / 271 + 266

a) 19039.03 b) 19030.03
c) 19033.03 d) 19037.03

10.Can you find the answer for the below equation 75 * 206 - 201 + 206 / 203

a) 15256.01 b) 15250.01
c) 15254.01 d) 15247.01

11. Can you find the answer for the below equation
80 * 140 + 138 / 141 - 140

a) 11060.98 b) 11057.98
c) 11064.98 d) 11066.98

12. Can you find the answer for the below equation 73 * 74 + 75 - 76 / 77

a) 5482.01 b) 5476.01
c) 5480.01 d) 5473.01

13. A man has Rs.480 in the denominations of one-rupee notes, five-rupee notes and ten-rupee notes. The number of notes of each denomination is equal. What is the total number of notes that he has ?

a) 45 b) 60
c) 75 d) 90

14. There are two examinations rooms A and B. If 10 students are sent from A to B, then the number of students in each room is the same. If 20 candidates are sent from B to A, then the number of students in A is double the number of students in B. The number of students in room A is:

a) 20 b) 80
c) 100 d) 200

15. The price of 10 chairs is equal to that of 4 tables. The price of 15 chairs and 2 tables together is Rs. 4000. The total price of 12 chairs and 3 tables is:

a) Rs. 3500 b) Rs. 3750
c) Rs. 3840 d) Rs. 3900

16. If $a - b = 3$ and $a^2 + b^2 = 29$, find the value of ab.

a) 10 b) 12
c) 15 d) 18

17. The price of 2 sarees and 4 shirts is Rs. 1600. With the same money one can buy 1 saree and 6 shirts. If one wants to buy 12 shirts, how much shall he have to pay ?

a) Rs. 1200 b) Rs. 2400
c) Rs. 4800 d) Cannot be determined

18. In a classroom, if 6 students per bench are assigned to accommodate all student, one more bench will be required. However, if 7 students are accommodated per bench, there would be space left for 5 students. What is the number of students in the class?

a) 30 b) 42
c) 72 d) None of these

19. In a group of buffaloes and ducks, the number of legs are 24 more than twice the number of heads. What is the number of buffaloes in the group?

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

20. Can you find the answer for the below equation
74 - 392 / 388 * 397 + 380
a) 58.91
b) 49.91
c) 56.91
d) 52.91

21. Can you find the answer for the below equation 86 - 326 / 325 + 332 * 317
a) 105329
b) 105326
c) 105333
d) 105335

22. Can you find the answer for the below equation78 - 260 * 262 / 267 + 254
a) 76.87
b) 73.87
c) 80.87
d) 82.87

23. Can you find the answer for the below equation80 - 62 + 73 * 72 / 65
a) 104.86
b) 95.86
c) 102.86
d) 98.86

24. Can you find the answer for the below equation76 + 82 / 68 - 70 * 75
a) -5166.79
b) -5172.79
c) -5168.79
d) -5175.79

25. Can you find the answer for the below equation72 + 67 / 69 * 74 - 65
a) 84.86
b) 75.86
c) 78.86
d) 82.86