

Test Name : SIMPLIFICATION EXAM 107  
Difficulty Level : medium  
Test Type : Free

Total Questions : 25  
Total Marks : 25.00  
Duration : 15.00 mins

**Instruction :****Please read the instructions carefully**

1. Total duration of examination is 30 minutes.
2. The clock will be set at the server. The countdown timer in the top right corner of screen will display the remaining time available for you to complete the examination. When the timer reaches zero, the examination will end by itself. You will not be required to end or submit your examination.
3. The Question Palette displayed on the right side of screen will show the status of each question using one of the following symbols:



You have not visited the question yet.



You have not answered the question.



You have answered the question.



You have NOT answered the question, but have marked the question for review.



You have answered the question, but marked it for review.

Q.1  $1862 \div 28 = ?$

- A. 89
- B. 7921
- C. 7569
- D. 87
- E. None of these

Q.2  $743 + 958 = ?\%$  of 5670

- A. 34
- B. 26
- C. 30
- D. 22
- E. None of these

Q.3  $5\frac{1}{8}$  of 208 + 786 = 2000 - ?

- A. 112
- B. 148
- C. 184
- D. 124
- E. None of these

Q.4  $18 \times 12.3 \times 8.6 = ?$

- A. 1555.454
- B. 1535.445
- C. 1545.545
- D. 1565.544
- E. None of these

Q.5  $\sqrt[3]{13824} \times \sqrt{7} = 864$

- A. 1296
- B. 1156
- C. 1600
- D. 1024
- E. None of these

Q.6 Which number should replace both question marks (?) in the following equation?

$$\frac{?}{176} = \frac{44}{?}$$

- A. 92
- B. 132

- C. 76
- D. 88
- E. None of these

Q.7  $1354 + 1184 = ?\%$  of 5640

- A. 36
- B. 42
- C. 45
- D. 52
- E. None of these

Q.8  $3\frac{1}{6} + 4\frac{2}{3} - 1\frac{1}{4} = ?$

- A.  $4\frac{1}{6}$
- B.  $6\frac{2}{9}$
- C.  $6\frac{7}{12}$
- D.  $5\frac{1}{9}$
- E. None of these

Q.9 If  $(108)^2$  is added to the square of a number, the answer so obtained is 13033. What is the number?

- A. 33
- B. 43
- C. 37
- D. 47
- E. None of these

Q.10  $\frac{12^2 - 4^2}{9^2 - 3^2} = ?$

- A.  $1\frac{7}{9}$
- B.  $1\frac{8}{9}$
- C.  $1\frac{1}{3}$

- D. 9
- E. None of these

Q.11  $777.07 + 77.77 + 0.77 + 7.07 + 7 + 77 = ?$

- A. 946.78
- B. 946.68
- C. 964.68
- D. 946.86
- E. None of these

Q.12  $2637 \div 36 = ?$

- A. 73.25
- B. 68
- C. 66.5
- D. 71
- E. None of these

Q.13  $7275.84 - 889.4 + 124.518 = ?$

- A. 6550.202
- B. 6560.598
- C. 6550.958
- D. 6510.958
- E. None of these

Q.14  $63251 + 52894 = ? + 37624$

- A. 87812
- B. 67281
- C. 76821
- D. 78521
- E. None of these

Q.15  $0.99 \times 14 \div 11 \div 0.7 = ?$

- A. 18
- B. 180
- C. 1.8
- D. 1800
- E. None of these

Q.16 45% of 720 = 30% of ?

- A. 960
- B. 1080
- C. 1240
- D. 820
- E. None of these

Q.17 48% of 840 = 36% of ?

- A. 1080
- B. 1320
- C. 1240
- D. 720
- E. None of these

Q.18  $18800 \div 470 \div 20 = ?$

- A. 800
- B. 2
- C. 23.5
- D. 0.10
- E. None of these

Q.19  $11.6 \times 8.9 \times 5.1 = ?$

- A. 398.264
- B. 664.358
- C. 468.428
- D. 526.524

E. None of these

Q.20  $(8.2\% \text{ of } 365) - (1.75\% \text{ of } 108) = ?$

- A. 16.02
- B. 28.04
- C. 42.34
- D. 53.76
- E. None of these

Q.21  $4368 + 2158 - 596 - ? = 3421 + 1262$

- A. 1066
- B. 1174
- C. 1247
- D. 1387
- E. None of these

Q.22  $8 \times 5 + (?)^2 = (11)^2$

- A. 81
- B. 6561
- C. 9
- D. 27
- E. None of these

Q.23  $\sqrt{?} + 136 = \frac{5}{8} \text{ of } 320$

- A. 1936
- B. 4624
- C. 4196
- D. 4096
- E. None of these

Q.24  $[(135)^2 \div 15 \times 32] \div ? = 45 \times 24$

- A. 18
- B. 24
- C. 36
- D. 44
- E. None of these

Q.25  $63\% \text{ of } 962 + ? = 999$

- A. 346.92
- B. 368.64
- C. 392.94
- D. 402.68
- E. None of these