**Aarambh Classes**

**Class VII (CBSE )**

**Maths test**

**Time : 1.5 hours M.Marks : 40**

1. **Multiple choice questions** : **210=20**
2. The ratio of 8m to 16 cm is :
3. 1:40 (ii)40:1 (iii) 1:50 (iv) 50:1
4. Write 1/3 as percent :
5. 33% (ii) 33 % (iii) 35% (iv) 50%
6. Covert 0.09 to percent :
7. 9% (ii)10% (iii) 90% (iv) none of these
8. If out of 32 students ,8 are absent ,what percent of students are absent ?
9. 20% (ii) 25% (iii)30% (iv)35%
10. 12 % of 64 is :
11. 2% (ii)4% (iii)6% (iv) 8%
12. 9 is 25% of what number ?
13. 18 (ii) 27 (iii)36 (iv) 45
14. An item was sold for Rs 570 at a loss of 5% .What was its cost price ?
15. Rs 500 (ii) Rs 600 (iii) Rs 700 (iv) Rs 800
16. The population of a city decreased from 40,000 to 35,000 .The percentage decrease is :
17. 8% (ii)10% (iii)12% (iv) 12.5%
18. =?
19. (ii) (iii) (iv)
20. =?
21. -64 (ii) 64 (iii) (iv)
22. **Solve the following questions :**
23. Simplify :

(i) (ii) 4

**2. Express the following in** standard form :

(i) 3,85,649 (ii) 3908.78 2

3. In the given figure ,AC =BD and AD= BC .Which of the following statements are meaningfully written ? Explain :

(i) (ii)



2

4. On selling a computer for Rs 24480 ,a dealer loses 4% .For how much should he sell it to gain 4% ?

2

5. At what rate percent per annum will a sum double itself in 12 years ? 2

6. At what sum will the simple interest at the rate of 3 % per annum be Rs 210 in 2 years ? 2

7. The selling price of 12 pens is equal to the cost price of 15 pens .Find the gain percent . 3

8. A

In the adjoining figure , ABC is an isosceles triangle in which AB=AC .If E and F be the midpoints of AC and AB respectively .Prove that BE=CF . 3

F E

B C