

**Part – III**  
**MATHEMATICS**

**Choose the correct answer:**

36. Area of a rectangular ground is  $12500\text{m}^2$ . Its length is 125 m. its perimeter is (Ans A)
- (a) 450 m (b) 100 m  
(c) 900 m (d) 1250 m
37. If 10, 20, x and 40 are in a proportion, the value of x will be (Ans B)
- (a) 5 (b) 20  
(c) 30 (d) 80
38. if 10<sup>th</sup> January, 2004 is Tuesday, what will be the day on 10<sup>th</sup> January, 2005 ? (Ans B)
- (a) Wednesday (b) Thursday  
(c) Tuesday (d) Friday
39. A cyclist covers 12 km in an hour. What is his speed in meters per minute ? (Ans C)
- (a) 100 m / min (b) 2000 m /min  
(c) 200 m /min (d) 300 m / min
40. Speed of 1km/hr is equal to (Ans C)
- (a)  $60/1000$  m/s (b)  $3600/1000$  m/s  
(c)  $1000/3600$  m/s (d)  $1000/60$  m/s
41. The cost of 18 bananas at the rate of Rs 4 per dozen will be (Ans B)
- (a) Rs 5 (b) Rs 6  
(c) Rs 10 (d) Rs 8
42. 12 men or 18 women can reap a field in 14 days, 8 men and 16 women can reap the same field in (Ans A)
- (a) 6 days (b) 3 days  
(c) 10 days (d) 9 days
43. The average of the height of 5 students having height 30, 40, 50, 60, 70 (Ans B)
- (a) 40 (b) 50  
(c) 55 (d) 45
44. At what rate percent per annum will a sum of money double in 8 years (Ans A)
- (a) 12.5% (b) 25%  
(c) 00.6 (d) 10%
45. A man buys a toy for Rs 1000 and sells it for Rs 1500. His gain percent is (Ans B)
- (a)  $33\frac{1}{3}\%$  (b) 50%

(c) 25% (d) 58%

46. 3 hrs and 45 minutes = \_\_\_\_\_ seconds ? (Ans A)

(a) 13500 (b) 18000  
(c) 10800 (d) 10500

47. 30% of 140 = x% of 840, then x is (Ans A)

(a) 5 (b) 10  
(c) 6 (d) 15

48. Which one of the following is equivalent of  $\frac{6}{20}$  ? (Ans D)

(a) 6% (b) 20%  
(c) 26% (d) 30%

49. The square root of 4096 by means of factors is (Ans B)

(a) 33 (b) 64  
(c) 96 (d) 24

50. LCM of  $(2 \times 3 \times 5)$  and  $3 \times 5 \times 7$  is equal to (Ans C)

(a) 3 (b)  $3 \times 5$   
(c)  $2 \times 3 \times 5 \times 7$  (d)  $2 \times 3 \times 5 \times 3 \times 5 \times 7$