

Q1) The LCM of two numbers is 936. If their HCF is 4 and one of the numbers is 72, the other number is:

- a) 42
- b) 52
- c) 62
- d) None of these

Q2) The LCM of 5, 8, 12, 20 will not be a multiple of

- a) 3
- b) 9
- c) 8
- d) 5

Q3) Three bells ring at intervals of 5 seconds, 6 seconds and 7 seconds respectively. If they toll together for the first time at 9 AM in the morning, after what interval of time will they together ring again for the first time?

- a) After 30 seconds
- b) After 42 seconds
- c) After 35 seconds
- d) After 210 seconds

Q4) Three persons start walking together and their steps measure 40cm, 42cm and 45cm respectively. What is the minimum distance each should walk, so that each can cover the same distance in complete steps?

- a) 25m 20cm
- b) 50m 40cm
- c) 75m 60cm
- d) 100m 80cm

Q5) The LCM of 8, 12, 15 is

- a) 150
- b) 100
- c) 120
- d) 180

Q6) Five persons fire bullets at a target at an interval of 6, 7, 8, 9 and 12 seconds respectively. The number of times they would fire the bullets together at the target in an hour is

- a) 6
- b) 7

- c) 8
- d) 9

Q7) Six bells commence tolling together and toll at intervals of 5, 10, 15, 20, 25 and 30 seconds respectively. In 60 minutes, how many times do they toll together?

- a) 20
- b) 15
- c) 13
- d) 11

Q8) A, B and C start at the same time in the same direction to run around a circular stadium. A completes a round in 252 seconds, B in 308 seconds, and C in 198 seconds, all starting at the same point. After what time they will meet next at the starting point again?

- a) 46min 12sec
- b) 45min
- c) 42min 36sec
- d) 26min 18sec

Q9) Seeta and Geeta go for a swim after a gap of every 2 days and every 3 days respectively. If on the 1st January both went for a swim together, when they will go together next?

- a) 7th January
- b) 8th January
- c) 12th January
- d) 13th January

Q10) Three men start together to travel the same way around a circular track of 11km circumference. Their speeds are 4, 5.5 and 8km/hr. When will they meet at starting point?

- a) 11hrs
- b) 12hrs
- c) 22hrs
- d) 220hrs

Answers:

1 – B
2 – B
3 – D
4 – A
5 – C
6 – B
7 – C
8 – A
9 – A
10 – C