NET, IAS, State-SET (KSET, WBSET, MPSET, etc.), GATE, CUET, Olympiads etc.: Numerical Aptitude Questions (Practice_Test 8 of 12)

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1. A is twice as good a workman as B and together they finish a piece of work in 14 days. The number of days taken by A alone to finish the work, is

    a. 11

    b. 21

    c. 28

    d. 42

    e. 50

    ◦ Answer: b

2. A and B can do a work in 10 days. B and C in 12 days while C and A in 15 days. How long would they take if all the three work together?

    a. 5days

    b. 4 days

    c. 7 days

    d. 8 days

    e. 10 days

    ◦ Answer: d

3. A is twice as fast as B and B is thrice as fast as C is. The journey covered by C in 54 minutes will be covered by B in

    a. 18 min

    b. 27 min

    c. 38 min

    d. 9 min

    e. 10 min

    ◦ Answer: a

4. In how many seconds a cyclist will pass a distance of 100 metres at the speed of 10 km/hr.
   a. 25 sec
   b. 36 sec
   c. 40 sec
   d. 42 sec
   e. 50 sec
   ○ Answer: b

5. At 3.40, the hour hand and the minute hand of a clock form an angle of
   a. 120o
   b. 125o
   c. 130o
   d. 135o
   e. 140o
   ○ Answer: c

6. How many times are the hands of a clock at right angles in a day?
   a. 22
   b. 24
   c. 44
   d. 48
   e. 50
   ○ Answer: c

7. Today is Tuesday. After 62 days it will be
   a. Wednesday
   b. Monday
   c. Thursday
   d. Sunday
   e. Tuesday
   ○ Answer: b

8. The day on March of 5 of a year is the same day on what date of the same year?
   a. 5th August
   b. 5th October
   c. 5 November
   d. 5 December
   e. None of these

- Answer: c

9. A garden is 70 m long and 30 m wide. It is surrounded by a footpath 5 m wide outside. What is the area of the path?

   a. 2200 m2

   b. 1100 m2

   c. 550 m2

   d. 625 m2

   e. 700 m2

   - Answer: b

10. If the volume of a sphere is divided by its surface area, the result is 27 cm. The radius of the sphere is

    a. 81 cm

    b. 9 cm

    c. 54 cm

    d. 36 cm

    e. 40 cm

- Answer: a