

## Simplification test

Q1. The price of 2 sarees and 4 shirts is Rs. 1600. With the same money one can buy 1 saree and 6 shirts. If one wants to buy 12 shirts, how much shall he have to pay ?

- (a) Rs. 1200      (b) Rs. 2400      (c) Rs. 4800      (d) Can't be determined      (e) None of these

Q2. In a regular week, there are 5 working days and for each day, the working hours are 8. A man gets Rs. 2.40 per hour for regular work and Rs. 3.20 per hours for overtime. If he earns Rs. 432 in 4 weeks, then how many hours does he work for ?

- (a) 160      (b) 175      (c) 180      (d) 195

Q3. Free notebooks were distributed equally among children of a class. The number of notebooks each child got was one-eighth of the number of children. Had the number of children been half, each child would have got 16 notebooks. Total how many notebooks were distributed ?

- (a) 256      (b) 512      (c) 432      (d) 640      (e) None of these

Q4. David gets on the elevator at the 11th floor of a building and rides up at the rate of 57 floors per minute. At the same time, Albert gets on an elevator at the 51st floor of the same building and rides down at the rate of 63 floors per minute. If they continue travelling at these rates, then at which floor will their paths cross ?

- (a) 19      (b) 28      (c) 30      (d) 37

Q5. Vidushi and sanya distribute Rs. 100 each in charity. Vidushi distributes money to 5 more people than sanya and Sanya gives each Rs. 1 more than Vidushi. How many people are recipients of the charity?

- (a) 45      (b) 60      (c) 90      (d) None of these

Q6. How many maximum number of diagonal can be drawn in polygon having 22 sides?

- (a) 231      (b) 209      (c) 23      (d) None of these

Q7. Kiran had 85 currency notes in all some of which were of Rs.100 denaomination and the remaining of Rs.50 denomination the total amount of all these currency note was Rs.5000.how much amount did she have in the denomination of Rs.50?

- (a) Rs. 3500      (b) Rs. 4000      (c) rs. 4200      (d) Rs. 4500

Q8. A train starts full of passengers at the first station it drops  $\frac{1}{3}$  of the passengers and takes 280 more at the second station it drops one half the new total and takes twelve more on arriving at the third station it is found to have 248 passengers. Find the no of passengers in the beginning?

- (a) 200      (b) 240      (c) 288      (d) 192

Q9. A pineapple costs Rs 7 each. A watermelon costs Rs 5 each. X spends Rs 38 on these fruits. The number of pineapples purchased is (a) 2 (b) 3 (c) 4 (d) Data inadequate

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Q10. Find the maximum number of hand shakes that can take place in a party of 50 people:

(a) 100 (b) 98 (c) 200 (d) None of these

**Answer key**

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

