

Competitive Exams: Numerical Aptitude Questions (Practice-Test 5 of 12)

1. Which one of the following fractions is the smallest?

- a. $\frac{13}{16}$
- b. $\frac{15}{19}$
- c. $\frac{17}{21}$
- d. $\frac{7}{8}$
- e. None of these

Answer: b

2. If the difference between the $\frac{4}{5}$ th part and $\frac{1}{3}$ rd part of a number is 4 what is the number?

- a. 60
- b. 100
- c. 80
- d. 120
- e. None of these

Answer: d

3. If x and y are + ive integers such that $(3x + 7y)$ is a multiple of 11, then which of the following will also be divisible by 11?

- a. $4x + 6y$
- b. $x + y + 4$
- c. $9x + 4y$
- d. $4x - 9y$
- e. None of these

Answer: b

4. If x and y are the two digits of the number $653xy$ such that this number is divisible by 90 , then $x + y$ is equal to
- a. 2
 - b. 3
 - c. 4
 - d. 6
 - e. None of these

Answer: d

5. What is the smallest number by which 3600 be divided to make it a perfect cube?
- a. 9
 - b. 50
 - c. 300
 - d. 450
 - e. 500

Answer: d

6. What may be subtracted from 39468 to make it perfect square?
- a. 192
 - b. 264 (dc) 246 (d) 280 (e) None of these

Answer: b

7. $1399 * 1399 = ?$
- a. 1687401
 - b. 1901541
 - c. 1943211
 - d. 1957201
 - e. None of these

Answer: d

8. The product of two numbers is y/x . IF one of the numbers is x/y^2 , then the other one is

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- a. y^3/x^2
- b. y^2/x^3
- c. x^2/y
- d. x/y^2
- e. x^2/y^2

Answer: a

9. Mukesh has twice as much money as Sohan and Sohan has 50% more money than what Pankaj has. If the average money with them is Rs. 110, then Mukesh has

- a. Rs. 55
- b. Rs. 60
- c. Rs. 90
- d. Rs. 180
- e. Rs. 200

Answer: d

10. A cricketer has a certain average for 9 innings. In the tenth inning, he scores 100 runs, thereby increasing his average by 8 runs. His new average is

- a. 20 runs
- b. 24 runs
- c. 28 runs
- d. 32 runs
- e. None of these

Answer: c