

## Examrace

# Competitive Exams: Numerical Aptitude Questions (Practice\_Test 5 of 12)

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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  $60$ , 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
- 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

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