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Spardhaguru Current affairs



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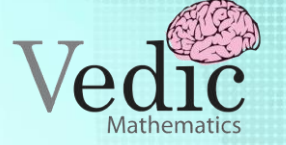
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1) Which of the fractions given below is not equal to $\frac{15}{23}$?

[RRB Group D 2018]

- a) $\frac{75}{115}$ b) $\frac{30}{46}$
c) $\frac{105}{162}$ d) $\frac{45}{69}$

2) When $\frac{5}{8}$ is added to a number, the sum becomes $\frac{5}{32}$. The number is

[RRB ALP 2018]

- a) $\frac{5}{24}$ b) $\frac{15}{32}$
c) $-\frac{15}{32}$ d) $-\frac{5}{24}$

3) The sum of $\frac{2}{3}$ and its reciprocal is

[RRB ALP 2018]

- a) 1 b) $\frac{5}{6}$
c) $2\frac{1}{6}$ d) $2\frac{1}{5}$

4) Find the value of (?) $\frac{1}{3} + \frac{1}{5} + \frac{1}{30} = ?$

- a) $\frac{17}{20}$ b) $\frac{17}{30}$
c) $\frac{8}{9}$ d) $\frac{9}{8}$

5) $1\frac{1}{2} + 11\frac{1}{2} + 111\frac{1}{2} + 1111\frac{1}{2}$ is equal to

[SSC CGL 2010]

- a) 1236 b) $1234\frac{1}{2}$
c) 618 d) 617

6) Sum of a fraction and thrice its reciprocal is $\frac{31}{6}$. What is the fraction?

[SSC CGL 2017]

- a) $\frac{2}{9}$ b) $\frac{9}{4}$
c) $\frac{9}{2}$ d) $\frac{4}{9}$

7) The value of $3 + \frac{3}{3 + \frac{1}{3 + \frac{1}{3}}}$ is

[SSC CPO 2010]

- a) $\frac{40}{11}$ b) $\frac{43}{11}$
c) $\frac{46}{11}$ d) $\frac{109}{33}$

8) If the quotient $\frac{a}{b}$ is positive, then which of the following must be true?

[SSC MTS 2014]

- a) $a > 0$ b) $b > 0$
c) $ab > 0$ d) $a + b > 0$

9) $8\frac{1}{3} + 7\frac{1}{2} - \frac{1}{3}$ is equal to

[UBI Clerk 2010]

- a) $10\frac{1}{3}$ b) $15\frac{1}{3}$
c) $10\frac{1}{2}$ d) $16\frac{1}{2}$

10) $4\frac{1}{5} \times 4\frac{2}{7} \div 3\frac{1}{3}$ is equal to

- a) $5\frac{2}{5}$ b) $4\frac{3}{8}$
c) $4\frac{2}{5}$ d) $6\frac{1}{8}$





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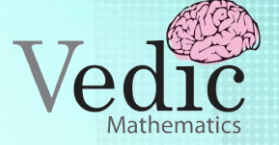
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11) The value of $\frac{1}{3} \div \frac{5}{6} \times \frac{-5}{8}$ is equal to

[SSC CPO 2019]

- a) 1
b) $\frac{1}{4}$
c) $-\frac{1}{4}$
d) 0

12) $\frac{2}{5}$ th of $\frac{3}{4}$ th of $\frac{1}{4}$ th of 26000 is equal to

[UCO Bank Clerk 2011]

- a) 1900
b) 1950
c) 1980
d) 1930
e) None of these

13) Find the value of question mark (?). $\frac{3}{5}$ of $\frac{4}{7}$ of $\frac{5}{9}$ of $\frac{21}{24}$ of 504 = ?

[RRB Group D 2012]

- a) 63
b) 69
c) 96
d) None of these

14) Find the value of question mark (?).

$$\frac{558}{3} \text{ of } \frac{30}{63} \text{ of } \frac{7}{5} = ?$$

[IBPS Clerk 2012]

- a) 122
b) 142
c) 144
d) 128
e) None of these

15) $\frac{5}{9}$, when multiplied by another number gives $\frac{10}{3}$. What is the other number?

[RRB Group D 2018]

- a) 6
b) $\frac{8}{3}$
c) $\frac{27}{2}$
d) 3

16) Find the value of question mark (?). $\frac{3}{4}$ th of $\frac{3}{5}$ th of $\frac{2}{3}$ rd of ? = 3174

[Canara Bank PO 2010]

- a) 10550
b) 10540
c) 10580
d) 10500

17) The difference between $\frac{3}{5}$ of $\frac{2}{3}$ of a number and $\frac{2}{5}$ of $\frac{1}{4}$ of the same number is 288. What is the number?

- a) 960
b) 850
c) 895
d) 955

18) The product of two numbers is 0.008. One of the numbers is $\frac{1}{5}$ of the other. The smaller number is

[SSC SAS 2010]

- a) 0.2
b) 0.4
c) 0.02
d) 0.04

19) Find the value of question mark (?).

$$\frac{512}{?} \times \frac{39}{16} \times 328 = 128$$

[SBI Clerk 2012]

- a) 3199
b) 3168
c) 3189
d) 3188
e) None of these

20) If half of a fraction is $\frac{2}{9}$ more than one – third of that fraction, then find inverse of that fraction.

- a) $\frac{4}{3}$
b) $\frac{2}{3}$





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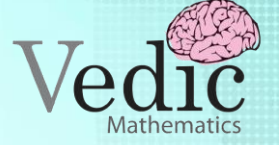
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c) $\frac{3}{4}$

d) $\frac{3}{2}$

21) Find the value of 'n', if $\frac{n}{60}$ is smaller than $\frac{1}{5}$ but greater than $\frac{1}{6}$.

[RRB Group D 2018]

a) 13

b) 12

c) 10

d) 11

22) Solve the following :

$$196 - 19.6 - 1.96 - 0.196 = ?$$

[RRB ALP 2018]

a) 173.254

b) 173.234

c) 174.234

d) 174.244

23) Find the value of question mark (?).

$$3889 + 12.952 - ? = 3854.002$$

[RRB Group D 2012]

a) 47.095

b) 47.752

c) 17.932

d) 47.95

24) Find the value of question mark (?).

$$0.5 \times 3.9 \div 1.3 = ? + 1.5$$

[IBPS Clerk 2012]

a) 0.01

b) 0.1

c) 0.2

d) 1

e) None of these

25) $11.7 \times 4.1 - 5.97$ is equal to

[SBI Clerk 2012]

a) 48

b) 42

c) 46

d) 39

e) None of these

26) Find the value of question mark (?).

$$3.1 \times 2.6 \times 1.5 = ?$$

[IBPS Clerk 2012]

a) 12.09

b) 12.05

c) 12.03

d) 12.07

e) None of these

27) The greatest among 1.5, 1.05, 1.005, 0.15 is

[SSC (10+2) 2013]

a) 1.5

b) 0.15

c) 1.005

d) 1.05

28) Which of the following fraction is greater than $\frac{2}{3}$?

[Delhi Police Constable 2017]

a) $\frac{1}{2}$

b) $\frac{3}{7}$

c) $\frac{4}{7}$

d) $\frac{6}{7}$

29) Which among the following is true for the given numbers?

[RRB NTPC 2016]

$$1) \frac{13}{33} < \frac{32}{47} < \frac{20}{47} < \frac{25}{27} \quad 2) \frac{13}{33} < \frac{20}{47} < \frac{25}{27} < \frac{32}{47}$$

$$3) \frac{13}{33} < \frac{20}{47} < \frac{32}{47} < \frac{25}{27} \quad 4) \frac{20}{47} < \frac{13}{33} < \frac{32}{47} < \frac{25}{27}$$

a) 1

b) 3

c) 4

d) 2

30) $\frac{1}{11}$ is equal to

[SSC CPO 2009]

a) 0.009

b) 0.09





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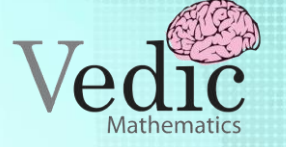
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c) $0.\overline{09}$

d) $0.\overline{009}$

31) The number $0.121212....$ in the form $\frac{p}{q}$ is equal to

[SSC CGL 2010]

a) $\frac{4}{11}$

b) $\frac{2}{11}$

c) $\frac{4}{33}$

d) $\frac{2}{33}$

32) If $0.\overline{41} = \frac{41}{99...9(n \text{ times})}$, then the value of 'n' is

[RRB Group D 2018]

a) 2

b) 1

c) 3

d) 4

33) $1.\overline{27}$ in the form $\frac{p}{q}$ is equal to

[SSC CGL 2010]

a) $\frac{127}{100}$

b) $\frac{73}{100}$

c) $\frac{14}{11}$

d) $\frac{11}{14}$

34) $(0.\overline{11} + 0.\overline{22}) + 3$ is equal to

[SSC CPO 2010]

a) $3.\overline{22}$

b) $1.\overline{9}$

c) 1

d) $0.\overline{9}$

35) $1.\overline{2} \times 0.\overline{03}$ is equal to

[SSC CPO 2009]

a) $0.\overline{04}$

b) $0.\overline{036}$

c) $0.\overline{13}$

d) $0.\overline{037}$

36) In a class, there are z students. Out of them x are boys. What part of the class is composed of girls?

a) $\frac{x}{z}$

b) $\frac{z}{x}$

c) $1 - \frac{x}{z}$

d) $\frac{x}{z} - 1$

37) A sum of ₹ 2000 was spent in buying a pair of trousers. The sum spent was $\frac{2}{5}$ th of the total money Shashi had with her. How much was the total money she had?

[RRB ALP 2018]

a) ₹ 5000

b) ₹ 4750

c) ₹ 4000

d) ₹ 4250

38) Mani's monthly income is three – fifth Rakhi's monthly income. Rakhi's monthly income is ₹ 38000. What is Mani's annual income?

[CBI Clerk 2011]

a) ₹ 4.32 lakh

b) ₹ 3.42 lakh

c) ₹ 3.22 lakh

d) ₹ 4.22 lakh

e) None of these

