



spardhaguru2022



Spardhaguru Current affairs



Spardhaguru1



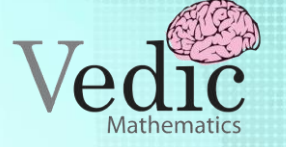
SpardhaGuru



Spardha.guru



www.spardha.guru



1) Find the value of Question mark (?).

$$\frac{1}{3} + \frac{1}{15} + \frac{1}{35} + \frac{1}{63} + \frac{1}{99} = ?$$

[SSC FCI 2012]

a) $\frac{10}{11}$
c) $\frac{9}{11}$

b) $\frac{5}{11}$
d) $\frac{7}{11}$

2) The value of $1 + \frac{1}{1 + \frac{1}{1 + \frac{1}{1 + \frac{1}{2}}}}$ is

[SSC CGL 2011]

a) $\frac{21}{13}$
c) $\frac{34}{21}$

b) $\frac{17}{3}$
d) $\frac{8}{5}$

3) The least among the fractions $\frac{15}{16}$, $\frac{19}{20}$, $\frac{24}{25}$, $\frac{34}{35}$ is

[SSC CGL 2010]

a) $\frac{34}{35}$
c) $\frac{19}{20}$

b) $\frac{15}{16}$
d) $\frac{24}{25}$

4) Out of the fractions $\frac{3}{7}$, $\frac{11}{13}$, $\frac{6}{11}$, $\frac{7}{8}$ and $\frac{5}{9}$ which is the largest fractions?

[UBI Clerk 2011]

a) $1\frac{19}{99}$
c) $1\frac{13}{77}$

b) $1\frac{5}{63}$
d) $1\frac{17}{56}$

5) Out of the fractions $\frac{9}{31}$, $\frac{3}{17}$, $\frac{6}{23}$, $\frac{4}{11}$ and $\frac{7}{25}$ which is the largest fractions?

[UCO Bank Clerk 2011]

a) $\frac{9}{31}$
c) $\frac{6}{23}$

b) $\frac{3}{17}$
d) $\frac{4}{11}$

e) None of these

6) If a rod of length $208\frac{4}{5}$ is cut into equal pieces of length $23\frac{1}{5}$, then the total number of rods obtained is

[RRB ALP 2018]

a) 5
c) 8

b) 7
d) 9

7) If $\frac{1}{4}$ th of the wall is painted blue, $\frac{1}{2}$ is painted yellow and remaining 3m is painted white, what is the length of the wall?

[RRB NTPC 2016]

a) 10m
c) 16m

b) 8m
c) 12m

8) A drum of kerosene is $\frac{3}{4}$ full. When 30L of kerosene is drawn from it. It





spardhaguru2022



Spardhaguru Current affairs



Spardhaguru1



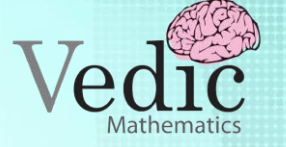
SpardhaGuru



Spardha.guru



www.spardha.guru



remains $\frac{7}{12}$ full. The capacity of the drum is

[SSC CGL 2010]

a) 120L

b) 135L

c) 150L

d) 180L

9) The numerator of a fraction is 4 less than its denominator. If the numerator is decreased by 2 and the denominator is increased by 1, then the denominator becomes eight times the numerator. Find the fraction

[SSC CGL 2013]

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

b) $\frac{4}{8}$

c) $\frac{2}{7}$

d) $\frac{3}{8}$

10) Find the value of question mark

$$(?) \cdot \frac{0.04}{0.03} \text{ of } \frac{(3\frac{1}{3} - 2\frac{1}{2}) \div \frac{1}{2} \text{ of } 1\frac{1}{4}}{\frac{1}{3} + \frac{1}{5} \text{ of } \frac{1}{9}} = ?$$

[SSC CPO 2011]

a) 1

b) 5

c) $\frac{1}{5}$

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

11) Tapas, Avi and Rishi shared a cake.

Tapas has $\frac{1}{2}$ of it. Rishi had $\frac{1}{3}$ of it and

Avi had the rest. What was Avi's share of the cake?

[RRB ALP 2018]

a) $\frac{3}{5}$

b) $\frac{2}{6}$

c) $\frac{3}{6}$

d) $\frac{1}{6}$

12) Deepak's annual income is ₹ 3.36lakh per annum. Rahul's annual income is five – eighth of Deepak's annual income. This month Rahul will be getting a bonus of ₹ 3000 for good performance. What will be Rahul's total earnings this month?

[UCO Bank Clerk 2011]

a) ₹ 20800

b) ₹ 20500

c) ₹ 20300

d) ₹ 20700

13) A student is asked to multiply a number by $\frac{8}{17}$. In spite of it he divides the number by $\frac{8}{17}$ and get 225 more than the original result. The given number is

a) 8

b) 17

c) 64

d) 136





spardhaguru2022



Spardhaguru Current affairs



Spardhaguru1



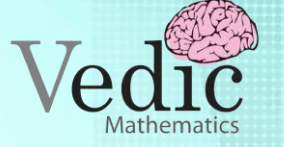
SpardhaGuru



Spardha.guru



www.spardha.guru



14) $\frac{3}{5}$ of total students in a class are girls and remaining are boys. If $\frac{2}{3}$ of girls and $\frac{1}{4}$ of boys are absent, then which part of number of total students are present?

[SSC CGL 2009]

a) $\frac{23}{30}$
c) $\frac{23}{36}$

b) $\frac{18}{49}$

d) None of these

15) If one is added to the numerator and denominator of a fraction then it becomes $\frac{2}{3}$ and if one is subtracted from numerator and denominator then fraction becomes $\frac{1}{2}$. Find the fraction.

[Rajasthan Patwari 2016]

a) $\frac{3}{5}$
c) $\frac{2}{5}$

b) $\frac{5}{3}$
d) $\frac{3}{2}$

