Time:10 Minutes
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Directions (1-15): निम्नलिखित प्रश्नों में प्रश्नवाचक चिह्न (?) के स्थान पर क्या अनुमानित मान आना चाहिए-

Q1. $1884.88 \div 144.89 + 6.99 + (?)^2 = 69.09$
(a) 4
(b) 9
(c) 6
(d) 7
(e) 8
L1Difficulty 2
QTags Approximation
QCreator Deepak Rohilla

Q2. $\sqrt{12000} \times 34.98 + 150.04 = ?$
(a) 3000
(b) 4700
(c) 4000
(d) 3500
(e) 5600
L1Difficulty 2
QTags Approximation
QCreator Deepak Rohilla

Q3. 0.2% of 356 × 0.8% of 779 =?
(a) 4
(b) 1
(c) 9
(d) 8
(e) 12
L1Difficulty 2
QTags Approximation
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Q4. 63.9% of 8920.2 +? % of 5320.3 = 6830.162
(a) 36
(b) 21
(c) 17
(d) 31

(e) 9

Q5. $\frac{5}{8}$ of 4011.83 + $\frac{7}{10}$ of 3410.12 =?
(a) 4810
(b) 4980
(c) 4890
(d) 4930
(e) 4850

Q6. 24.97% of 800.09 ÷ 7.99 ÷ $\frac{1}{4.99}$ =?
(a) 10
(b) 125
(c) 75
(d) 25
(e) 5

Q7. 300.01 ÷ 12.99 × 174.99 ÷ 35.01 = ?
(a) 135
(b) 105
(c) 120
(d) 125
(e) 115

Q8. 8.06 × 47.87 ÷ $\frac{4}{9}$ of 71.8 = ?
(a) 9
(b) 15
(c) 12
(d) 18
(e) 21

Q9. $(13.999)^2 + 29.94\%$ of $1300.01 = 8.99 \times$?
(a) 65
(b) 72
(c) 70
(d) 55
(e) 58
L1Difficulty 2
QTags Approximation
QCreator Deepak Rohilla

Q10. $\frac{1}{18.95} \times 56.91 \div 71.97 \times 215.6 =$?
(a) 12
(b) 6
(c) 9
(d) 15
(e) 18
L1Difficulty 2
QTags Approximation
QCreator Deepak Rohilla

Q11. $40.01\% of \frac{2}{5} + 59.998\% of \frac{3}{5} = 13.001\%$ of ?
(a) 4
(b) 5
(c) 6
(d) 3
(e) 2
L1Difficulty 2
QTags Approximation
QCreator Deepak Rohilla

Q12. $1\frac{1}{5} of \ 115.051 - 19.98\% of \ 670 = \sqrt{? + 6.112}$
(a) 12
(b) 10
(c) 8
(d) 4
(e) 14
L1Difficulty 2
QTags Approximation
QCreator Deepak Rohilla

Q13. $48.01 + (23.04 + 26.97) \div 4.97 = ? \times 12.02 + 10.010$
(a) 5
(b) 2

(c) 3
(d) 4
(e) 1

Q14. $\sqrt{197} - \sqrt{1025} = \sqrt{?} - \sqrt{1157}$
(a) 256
(b) 324
(c) 289
(d) 400
(e) 441

Q15. $\frac{24.9}{11.09} \times \frac{0.9}{6.9} \times \frac{3.99}{13.01} \times 1000 = \frac{99.99}{?}$
(a) 6
(b) 2
(c) 5
(d) 4
(e) 1

Solutions

S1. Ans.(d)
Sol.
$$1884 \div 144.89 + 6.99 + (?)^2 = 69.09$$
$$\approx 13 + 7 + (?)^2 = 69.09$$
$$\approx ?^2 = 69 - 20 = 49$$
$$\therefore ? = \sqrt{49} = 7$$

S2. Ans.(c)
Sol.
$$\sqrt{12000} \times 34.98 + 150.04 = ?$$
$\approx 110 \times 35 + 150$
$= 4000$

S3. Ans.(a)
Sol. 0.2% of 356 × 0.8% of 779

$$= 0.712 \times 6.232$$
$$= 0.7 \times 6$$
$$\approx 4.2 \simeq 4$$

S4. Ans.(b)
Sol. $\approx 63.9\%$ of $8920 +?\%$ of $5320 = 6830$
$$\approx 5320 \times ? = (6830 - 5709) \times 100$$
$$? \approx 21$$

S5. Ans.(c)
Sol. $\approx \frac{5}{8}$ of $4012 + \frac{7}{10}$ of 3410
$\approx 2507 + 2387$
$$= 4894 \approx 4890$$

S6. Ans.(b)
Sol. 25% of $800 \times \frac{1}{8} \times 5 \approx ?$
$$\frac{200}{8} \times 5 \approx ?$$
$? \approx 125$

S7. Ans.(e)
Sol. $\frac{299}{13} \times \frac{175}{35} \approx ?$
$? \approx 23 \times 5$
$? \approx 115$

S8. Ans.(c)
Sol. $8 \times 48 \div \left(\frac{4}{9} \times 72\right) \approx ?$
$$\frac{384}{4 \times 8} \approx ?$$
$? \approx 12$

S9. Ans.(a)
Sol. $(14)^2 + 30\%$ of $1300 \approx 9 \times ?$
$196 + 390 \approx 9 \times ?$
$586 \approx 9 \times ?$
$? \approx 65$

S10. Ans.(c)
Sol. $\frac{1}{19} \times 57 \times \frac{1}{72} \times 216 \approx ?$
$3 \times 3 \approx ?$
$? \approx 9$

S11. Ans(a)

Sol. $\frac{40}{100} \times \frac{2}{5} + \frac{60}{100} \times \frac{3}{5} \approx ? \times \frac{13}{100}$

$$\frac{4}{25} + \frac{9}{25} \approx \frac{13}{100} \times ?$$
$$? \times \frac{13}{100} \approx \frac{13}{25}$$
$$? \approx 4$$

S12. Ans(b)
Sol. $1\frac{1}{5} \times 115 - \frac{20}{100} \times 670 \approx \sqrt{?+6}$

$$\frac{6}{5} \times 115 - 134 \approx \sqrt{?+6}$$
$$138 - 134 \approx \sqrt{?+6}$$
$$? \approx 10$$

S13. Ans(d)
Sol. $48 + \frac{23+2}{5} = ? \times 12 + 10$

$$48 + 10 - 10 = ? \times 12$$
$$? = \frac{48}{12}$$
$$? = 4$$

S14. Ans(a)
Sol. $\sqrt{196} - \sqrt{1024} \approx \sqrt{?} - \sqrt{1156}$

$$14 - 32 \approx \sqrt{?} - 34$$
$$14 - 32 + 34 \approx \sqrt{?}$$
$$\sqrt{?} \approx 16$$
$$? \approx 256$$

S15. Ans(e)
Sol. $\frac{25}{11} \times \frac{1}{7} \times \frac{4}{13} \times 1000 \approx \frac{100}{?}$

$$\frac{100}{?} \approx 100$$
$$? \approx 1$$