



# SmartKeeda

The Question Bank

Presents

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**Correct Answers:**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
A	B	C	D	A	E	C	A	C	D

**Explanations:**

**1.**  $? = 120.09 \div 14.88 \times 23.03 - 20.94 \times 3.96$

$$? \approx 120 \div 15 \times 23 - 21 \times 4$$

$$? \approx 8 \times 23 - 21 \times 4$$

$$? \approx 184 - 84 \approx 100$$

Hence, option A is correct.

**2.**  $157.03 \times 17.004 - ? \div 0.15 = 639.98 \times 0.249$

$$\Rightarrow 157 \times 17 - ? \div 0.15 = 640 \times 0.25$$

$$\Rightarrow 2669 - ? \div 0.15 = 640 \times \frac{1}{4} = 160$$

$$\Rightarrow ? = (2669 - 160) \times 0.15$$

$$\Rightarrow ? = 2509 \times 0.15 = 376.35 \approx 375$$

Hence, option B is correct.

**3.**  $? = \sqrt{624} \times \sqrt{170} \times 12.489 \div 51.96$

$$? \approx 25 \times 13 \times 12.5 \div 52$$

$$? \approx 25 \times 13 \times 12.5 \times \frac{1}{52} \approx 25 \times 3.125 \approx 78$$

Hence, option C is correct.

**4.**  $839 \div 23.99 + 523 \div ? + 135.94 - 101.03 = 105$

In approximation,

$$840 \div 24 + 523 \div ? + 136 - 101 = 105$$

$$35 + 523 \div ? + 136 - 101 = 105$$

$$523 \div ? = 105 - 136 + 101 - 35 = 35$$

$$? = 523 \div 35 \approx 15$$

Hence, option D is correct.

**5.**  $\sqrt{325} + \sqrt{440} \times 8 - \sqrt{841} + \sqrt{290} - \sqrt{120} \times 12 = ?$

$$? \approx 18 + 21 \times 8 - 29 + 17 - 11 \times 12$$

$$? \approx 18 + 168 - 29 + 17 - 132 \approx 42 \approx 40$$

Hence, option A is correct.

**6.**  $110.95 \times ? \times 15.15 = 58275$

$$? = \frac{58275}{110.95 + 15.15}$$

$$\approx \frac{58275}{111 \times 15} \approx 35$$

Hence, option C is correct.

**7.**  $? = 39.98 \times 45.01 - 59.98 \times 34.89 + 75.03 \times 12.02$

$$? \approx 40 \times 45 - 60 \times 35 + 75 \times 12$$

$$? \approx 1800 - 2100 + 900 \approx 600$$

Hence, option C is correct.

**8.**  $? = 61 - 5.4 \times 16.2 + 24.3$

$$? \approx 61 - 5 \times 16 + 24$$

$$? \approx 61 - 80 + 24 \approx 5$$

Hence, option A is correct..

**9.**  $? = 501.11 + 2002.2 \div 40.4 \times 49.99$

$$? \approx 500 + 2000 \div 40 \times 50$$

$$? \approx 500 + 50 \times 50$$

$$? \approx 500 + 2500 \approx 3000$$

Hence, option C is correct.

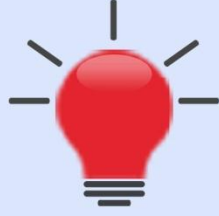
**10.**  $? = [(8.02)^2 - (12.99)^2 + (3.99)^3] \times 10$

$$? \approx [(8)^2 - (13)^2 + (4)^3] \times 10$$

$$? \approx [64 - 169 + 64] \times 10$$

$$? \approx -41 \times 10 \approx -410$$

Hence, option D is correct.



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