

## OICL AO Mains Quant Memory Based Paper (28 February 2026, Shift 1) Part - B

**Q.1**  $\frac{11}{7}$  of 210% of ? =  $\sqrt{121} \times 6$

What will come in place of (?) question mark in the following questions?

- A. 20
- B. 30
- C. 50
- D. 60
- E. 10

**Answer:** A

**Sol:**  $\frac{11}{7}$  of 210% of ? =  $\sqrt{121} \times 6$   
 $\Rightarrow \frac{11}{7} \times \frac{210}{100} \times ? = 11 \times 6$   
 $\Rightarrow \frac{11}{7} \times \frac{21}{10} \times ? = 66$   
 $\Rightarrow \frac{33}{10} ? = 66$   
 $\Rightarrow ? = \frac{66 \times 10}{33}$   
 $\Rightarrow ? = 20$

**Q.2**  $(36\% \text{ of } 2000 + 76\% \text{ of } 6000) \div 32 = ? \times 47 - 1278 + 33$

What should come in place of question mark (?) in the following questions?

- A. 50
- B. 60
- C. 30
- D. 40
- E. 70

**Answer:** C

**Sol:**  $\left(\frac{36}{100} \times 2000 + \frac{76}{100} \times 6000\right) \times \frac{1}{32} = ? \times 47 - 1245$   
 $? \times 47 = \frac{5280}{32} + 1245$   
 $? = \frac{1410}{47}$   
 $? = 30$

**Q.3**  $54 \times 72 - 25 \times 68 + 562 - 795 = (89 + ?) \times 17$

What should come in place of question mark (?) in the following questions?

- A. 35
- B. 26
- C. 42
- D. 30
- E. 32

**Answer:** B

Adda247

# Test Prime

**ALL EXAMS, ONE SUBSCRIPTION**



**1,00,000+**  
Mock Tests



Personalised  
Report Card



Unlimited  
Re-Attempt



**600+**  
Exam Covered



**25,000+** Previous  
Year Papers



**500%**  
Refund



**ATTEMPT FREE MOCK NOW**

**Sol:**  $3888 - 1700 - 233 = (89 + ?) \times 17$   
 $(89 + ?) = \frac{1955}{17}$   
 $? = 115 - 89$   
 $? = 26$

- Q.4**  $(28)^2 + (34)^2 - (40)^2 + (11)^3 + (?)^2 = 3192$   
 What should come in place of question mark (?) in the following questions?
- A. 45
  - B. 39
  - C. 41
  - D. 43
  - E. 47

**Answer:** B

**Sol:**  $784 + 1156 - 1600 + 1331 + (?)^2 = 3192$   
 $(?)^2 = 3192 - 1671$   
 $(?)^2 = 1521$   
 $? = 39$

**Q.5**  $7\frac{1}{6} + 9\frac{2}{3} - 4\frac{1}{2} = ? - 5\frac{5}{6} + 6\frac{1}{2} + 3\frac{1}{6}$

What should come in place of question mark (?) in the following questions?

- A. 8
- B.  $8\frac{1}{2}$
- C.  $8\frac{1}{3}$
- D.  $8\frac{3}{4}$
- E.  $8\frac{2}{3}$

**Answer:** B

**Sol:**  $? = (7 + 9 - 4 + 5 - 6 - 3) + \left(\frac{1}{6} + \frac{2}{3} - \frac{1}{2} + \frac{5}{6} - \frac{1}{2} - \frac{1}{6}\right)$   
 $= 8 + \frac{1}{2} = 8\frac{1}{2}$