

Assam Apex Bank Memory Based Paper Quants 28 June 2026-exam

Q.1 Circumference of a circle is 66 cm. if side of square is two times of radius of circle, then find the area of square?

- A. 441 sq cm
- B. 484 sq cm
- C. 576 sq cm
- D. 625 sq cm
- E. 676 sq cm

Answer: A

Sol:

Given, $2\pi r = 66$
 $r = (33 \times 7) / 22$
 $r = 10.5$ cm
 Side of square = $10.5 \times 2 = 21$ cm
 Area of square = $21 \times 21 = 441$ sq cm

Q.2 A person left Rs. 8,600 for his 5 sons, 4 daughters and 2 nephews. If amount received by each daughter is four times that of each nephew and amount received by each son is five times that of each nephew, then what will be the share of each daughter?

- A. Rs. 100
- B. Rs. 600
- C. Rs. 800
- D. Rs. 1000
- E. None of these

Answer: C

Sol: Information Given:

Total amount = 8600 distributed for his 5 sons, 4 daughters and 2 nephews
 Amount received by each daughter = $4 \times$ nephew
 Amount received by each Son = $5 \times$ nephew

Formula Used:

Simple ratio based calculation
 Nephew : daughter : Son = 1 : 4 : 5

Explanation:

Let S, D and N be the amount for son, daughter and Nephew respectively.

ATQ, $D = 4N$, $S = 5N$

Ratio of amount for S : D : N = 5 : 4 : 1

Share of daughters together = $16/43 \times 8600 =$ Rs. 3200

And share of each daughter = $3200/4 =$ Rs. 800

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

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

- A. $9\frac{3}{20}$
- B. $6\frac{2}{5}$
- C. $11\frac{3}{20}$
- D. $12\frac{3}{20}$
- E. $9\frac{3}{10}$

Answer: A

Sol: $? = (3 + 4 - 4 + 5) + (\frac{1}{2} + \frac{3}{4} - \frac{3}{5} + \frac{1}{2})$
 $= 8 + (\frac{23}{20})$
 $= 9\frac{3}{20}$

Q.4 $\frac{3}{4}$ of 424 + $\frac{5}{6}$ of 540 = $\frac{6}{7}$ of 343 + ?

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

- A. 744
- B. 474
- C. 374
- D. 574
- E. 478

Answer: B

Sol: $? = 3 \times 106 + 5 \times 90 - 6 \times 49$
 $= 474$

Q.5 $?^2 = 40\%$ of 420 + 44% of 200

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

- A. 24
- B. 12
- C. 8
- D. 16
- E. 416

Answer: D

Sol:
 $?^2 = 40/100 \times 420 + 44/100 \times 200$
 $= 168 + 88$
 $= 256$
 $\Rightarrow ? = \pm 16$

