

**Course: IBPS PO Pre**

**Subject: : Practice Set**

Time:10 Minutes

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Directions (1-5): निम्नलिखित प्रश्नों में प्रश्नवाचक चिह्न (?) के स्थान पर क्या मान आना चाहिए-

Q1.  $\frac{1}{4}$  of 420 +  $\frac{3}{5}$  of 655 - 30% of 550 =?

- (a) 345
- (b) 333
- (c) 444
- (d) 433
- (e) 233

L1Difficulty 2

QTagsSimplification

QCreator Deepak Rohilla

Q2.  $\frac{?}{60}$  of 720 - 60% of 20 =  $\frac{1}{4}$  of 24

- (a) 3.5
- (b) 2.5
- (c) 1.5
- (d) 2
- (e) 3

L1Difficulty 2

QTagsSimplification

QCreator Deepak Rohilla

Q3.  $\sqrt{20\% \text{ of } 110 + ? \% \text{ of } 300} - 50\% \text{ of } 700 = 0$

- (a) 42333
- (b) 45000
- (c) 41250
- (d) 40826
- (e) 38455

L1Difficulty 2

QTagsSimplification

QCreator Deepak Rohilla

Q4.  $243 \times 729 = 2187 \times 3^?$

- (a) 4
- (b) 6

(c) 5

(d) 3

(e) 8

L1Difficulty 2

QTagsSimplification

QCreator Deepak Rohilla

Q5.  $(? - \sqrt{32}) \div 5 = \frac{4}{5}$  of 1250

(a)  $50 + 4\sqrt{2}$

(b)  $500 + 4\sqrt{2}$

(c)  $5000 + 4\sqrt{2}$

(d)  $50000 + 4\sqrt{2}$

(e)  $5500 + 4\sqrt{2}$

L1Difficulty 2

QTagsSimplification

QCreator Deepak Rohilla

Directions (6-10): निम्नलिखित संख्या श्रृंखला समस्याओं में प्रश्नवाचक चिह्न (?) के स्थान पर क्या मान आना चाहिए-

Q6. 170, 120, 50, 24, 10, ?

(a) 2

(b) 4

(c) 0

(d) 3

(e) 1

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Q7. 829, 918, 839, 908, 849, ?

(a) 879

(b) 898

(c) 889

(d) 890

(e) 892

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Q8. 77, 81, 95, 125, 177, ?

(a) 279

(b) 288

(c) 257

(d) 207

(e) 238

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Q9. 2, 4, 12, 48, 240, ?

(a) 1680

(b) 1200

(c) 1920

(d) 1240

(e) 1440

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Q10. 880, 736, 636, 572, 536, 520, ?

(a) 524

(b) 504

(c) 516

(d) 511

(e) 519

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Directions (11-15): निम्नलिखित प्रश्नों में प्रश्नवाचक चिह्न (?) के स्थान पर क्या मान आएगा-

Q11.  $(0.125)^3 \div (0.25)^2 \times (0.5)^2 = (0.5)^{?-3}$

(a) 12

(b) 18

(c) 14

(d) 10

(e) 8

L1Difficulty 2

QTagsSimplification

QCreator Deepak Rohilla

Q12. 36% of 420 - 56% of 350 = ? - 94

(a) 48.2

(b) 49.2

(c) -138.8

(d) -158.8

(e) 38.2

L1Difficulty 2

QTagsSimplification  
QCreator Deepak Rohilla

Q13.  $36 \times 15 - 56 \times 784 \div 112 = ?$

- (a) 138
- (b) 238
- (c) 158
- (d) 258
- (e) 148

L1Difficulty 2

QTagsSimplification

QCreator Deepak Rohilla

Q14.  $(8792 - 4136) \div ? = 145.5$

- (a) 38
- (b) 32
- (c) 42
- (d) 36
- (e) 48

L1Difficulty 2

QTagsSimplification

QCreator Deepak Rohilla

Q15.  $7365 + (5.4)^2 + \sqrt{?} = 7437.16$

- (a) 1894
- (b) 1681
- (c) 1764
- (d) 2025
- (e) 1849

L1Difficulty 2

QTagsSimplification

QCreator Deepak Rohilla

### Solutions

S1. Ans.(b)

$$? = \frac{1}{4} \times 420 + \frac{3}{5} \times 655 - \frac{30}{100} \times 550$$

$$? = 105 + 393 - 165$$

Sol.  $? = 333$

S2. Ans.(c)

$$\frac{?}{60} \times 720 - \frac{60}{100} \times 20 = \frac{1}{4} \times 24$$

$$\Rightarrow 12 \times ? = 18$$

$$\Rightarrow ? = 1.5$$

Sol.

S3. Ans.(d)

$$\sqrt{\frac{20}{100} \times 110 + \frac{?}{100} \times 300} = \frac{50}{100} \times 700$$

$$\Rightarrow \sqrt{22 + 3 \times ?} = 350$$

$$\Rightarrow ? = \frac{122478}{3}$$

$$\Rightarrow ? = 40826$$

Sol.

S4. Ans.(a)

$$2187 \times 3^? = 243 \times 729$$

$$\Rightarrow 3^? = \frac{(3)^5 \times (3)^6}{(3)^7}$$

$$\Rightarrow 3^? = 3^4$$

$$\Rightarrow ? = 4$$

Sol.

S5. Ans.(c)

$$(? - 4\sqrt{2}) = \frac{4}{5} \times 1250 \times 5$$

$$? = 5000 + 4\sqrt{2}$$

$$? = (5000 + 4\sqrt{2})$$

Sol.

S6. Ans.(d)

Pattern is

$$13^2 + 1, 11^2 - 1, 7^2 + 1, 5^2 - 1, 3^2 + 1, 2^2 - 1$$

(Squares of prime numbers)

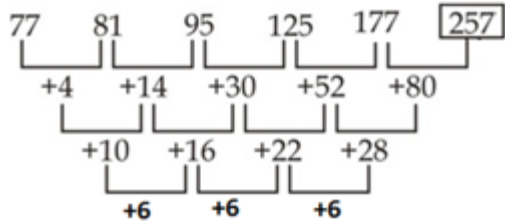
Sol.

S7. Ans.(b)

Pattern is +89, -79, +69, -59, +49

Sol.

S8. Ans.(c)



Sol.

S9. Ans.(e)

The pattern is

$\times 2, \times 3, \times 4, \times 5, \times 6$

Sol.  $\therefore ? = 240 \times 6 = 1440$

S10. Ans.(c)

Pattern is

$$880 - 12^2 = 880 - 144 = 736$$

$$736 - 10^2 = 736 - 100 = 636$$

$$636 - 8^2 = 636 - 64 = 572$$

$$572 - 6^2 = 572 - 36 = 536$$

$$536 - 4^2 = 536 - 16 = 520$$

Sol.  $520 - 2^2 = 520 - 4 = 516$

S11. Ans. (d)

$$(0.5)^9 \div (0.5)^4 \times (0.5)^2 = (0.5)^{? - 3}$$

$$\text{or, } 9 - 4 + 2 = ? - 3$$

Sol. or,  $? = 10$

S12. Ans. (b)

$$? = 151.2 - 196 + 94$$

Sol. or,  $? = 49.2$

S13. Ans. (e)

$$? = 540 - 56 \times 7$$

Sol. or,  $? = 148$

S14. Ans. (b)

$$? = \frac{4656}{145.5} = 32$$

Sol.

S15. Ans. (e)

$$\sqrt{?} = 7437.16 - 7365 - 29.16 = 43$$

Sol.

$$\text{or, ?} = 1849$$