

IBPS POs Prelims Grand Test

No. of Questions: 100

Max. Marks: 100

Time: 60 min

[Each Question carries 1 mark. For each incorrect response, 0.25 mark will be deducted]

నిష్టలీ 'విద్య' తరువాయి...

87. Which of the following brand has the lowest sale in both the cities taken together?
 1) Lux 2) Medimix
 3) Pears 4) Dove
 5) Cinthol

88. Total of Pears in both the cities taken together is what percentage more than total sales of Cinthol in both the cities?
 1) 10.35% 2) 10.5%
 3) 10.1% 4) 9.95%
 5) 10.6%

89. If total sales of Medimix in both the cities is 12.5% of its total sales in all over India then what is its total sales in India?
 1) 92,00,000 units

- 2) 95,60,000 units
 3) 94,40,000 units
 4) 97,60,000 units
 5) None of these

90. If sale of the LIFEBOUY is 20% of the total sales of other category soaps in Mumbai and 30% of the other category sales in Kolkata then what is the difference between number of suits of LIFEBOUY sold in Mumbai and Kolkata?
 1) 25000 units
 2) 24000 units
 3) 32000 units
 4) 20000 units
 5) None of these

(91–95) Find the wrong numbers in the series.

91. 2, 5, 10, 17, 27, 37, 50, 65
 1) 10 2) 27
 3) 50 4) 37
 5) 65

92. 24, 48, 80, 130, 168, 224
 1) 130 2) 168
 3) 224 4) 24
 5) 48

93. 1, 2, 6, 21, 87, 445, 2676
 1) 6 2) 21
 3) 87 4) 445
 5) 2676

94. 1, 16, 125, 256, 625, 1296
 1) 16 2) 1296
 3) 256 4) 125
 5) 625

95. 139, 152, 160, 169, 181, 191, 202
 1) 152 2) 160
 3) 169 4) 181
 5) 191

(96–100) based on the given data table, answer the following questions.

Years	Female	Male	Children	Total	Increase or decrease in comparison to previous years
2011	6230	5432	C	16432	
2012	7421	6721	1332	E	-456
2013	3997	B	1786	17278	G
2014	A	4789	5432	F	+981
2015	8234	9123	D	19784	-1331

96. Find the total number of children in the city in the year 2011 and 2012.
 1) 4770 2) 6102
 3) 4007 4) 2095

97. Find the ratio of the number of males in the city in 2013 to the number of females in the city in the year 2014.
 1) 4236 : 982 2) 11495 : 8038
 3) 5789 : 3451 4) 5489 : 672

$$139 + 1 + 3 + 9 = 152$$

$$152 + 1 + 5 + 2 = 160$$

$$160 + 1 + 6 + 0 = 167$$

$$167 + 1 + 6 + 7 = 181$$

$$181 + 1 + 8 + 1 = 191$$

$$191 + 1 + 9 + 1 = 202$$

So we can say instead of 169 it should be 167

96. 2; Children in 2011
 = 16432 - 6230 - 5432

$$= 4770 = C$$

- Children in 2012 = 1332

$$\Rightarrow \text{Answer} = 4770 + 1332$$

$$= 6102$$

97. 2; Number of males in the city in the year 2013

$$= 17278 - 1786 - 3997 = 11495$$

$$\text{Now } E = 16432 - 456 = 15976$$

$$17278 + 981 = F$$

5) None of these

98. Find the value of G.

$$1) 2709 \quad 2) 1302$$

$$3) 1891$$

4) cannot be determined

5) None of these

99. Find the average of the number of children in 2012, 2013 and 2014.

$$1) 2860 \quad 2) 2850$$

$$3) 8550 \quad 4) 4275$$

5) None of these

100. D is what percent of A.

$$1) 71.23\% \quad 2) 69.83\%$$

$$3) 31.12\% \quad 4) 30.19\%$$

5) None of these

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KEY WITH EXPLANATION

$$\Rightarrow \left(\frac{(20.7 - 18.8) \cdot 100}{18.8} \right) = 10.1\%$$

89. 3;

Total sale of Medimix in both the cities = 11.8 lakh units

Let the total sales of Medimix in all India be N units.

Hence 12.5% of N = 11.8 lakh

$$\Rightarrow \left(\frac{12.5}{100} N \right) = 11.8 \text{ lakh}$$

$$\Rightarrow N = 11.8 \times 8 \text{ lakh}$$

$$\Rightarrow N = 94.4 \text{ lakh} = 94400000 \text{ units}$$

90. 2; Sale of Lifebuoy in Mumbai

$$= 9 \times 0.20 = 1.8 \text{ lakh units}$$

$$\text{Sale of Lifebuoy in Kolkata} = 5.2 \times 0.30 = 1.56 \text{ lakh units}$$

So the required difference

$$= (1.8 - 1.56) \text{ lakh} = 0.24 \text{ lakh units} = 24000 \text{ units}$$

91. 2; The terms are 1 more than a perfect square.

So the 5th term should be 26.

92. 1;

$$4 \times 6 = 24 \quad 6 \times 8 = 48$$

$$8 \times 10 = 80 \quad 10 \times 12 = 120$$

$$12 \times 14 = 168$$

$$14 \times 16 = 224$$

so we can say 130 is wrong which should actually be 120

93. 3;

$$1 \times 1 + 1 = 2; 2 \times 2 + 2 = 6;$$

$$6 \times 3 + 3 = 21; 21 \times 4 + 4 = 88;$$

$$88 \times 5 + 5 = 445$$

$$445 \times 6 + 6 = 2676$$

94. 4; The numbers are

$$1^4, 2^4, 3^4, \dots, 6^4$$

So the 3rd number should be 81 and not 125

95. 3;

$$139 + 1 + 3 + 9 = 152$$

$$152 + 1 + 5 + 2 = 160$$

$$160 + 1 + 6 + 0 = 167$$

$$167 + 1 + 6 + 7 = 181$$

$$181 + 1 + 8 + 1 = 191$$

$$191 + 1 + 9 + 1 = 202$$

So we can say instead of 169 it should be 167

$$\Rightarrow F = 18259$$

Number of females in the city in the year 2014

$$= 18259 - 4789 - 5432 = 8038$$

$$\text{So required ratio} = \frac{18259 - 4789 - 5432}{8038} = \frac{11495}{8038}$$

98. 2; From the table,

$$\text{Total in 2013} - \text{total in 2012} = 17278 - 15978 = G$$

$$G = +1302$$

99. 2; Average

$$= \frac{1332 + 1786 + 5432}{3} = 2850$$

100. 4; A = F - 4782 - 5432

$$A = 18259 - 4789 - 5432$$

$$A = 8038$$

$$D = 19784 - 9123 - 8234$$

$$D = 2427$$

$$\left(\frac{D}{A} \right) 100 = \frac{2427}{8038} \cdot 100 = 30.19\%$$



సి. జయపురు రెడ్డి

సమయపు నిపుణులు

మాధ్యమిక ప్రశ్నలు

1. $35^2, 36^2$ ల మధ్య ఉన్న పూర్ణ సంఖ్యల సంఖ్య ఎంత?

$$1) 68 \quad 2) 72$$

$$3) 70 \quad 4) 74$$

2. $n^2, (n+1)^2$ ల మధ్య ఉన్న పూర్ణ సంఖ్యల సంఖ్య = 2n