

Grand Test – ICP-171010



$$C.I. = 25000 \left[\left(1 + \frac{8}{100} \right)^4 - 1 \right]$$

$$= 9012.224 \text{ Rs.}$$

- 39.(3) Let the maximum marks is M.
 $0.3M - 20 = 0.2M + 5$
 $0.1M = 25$

$M = 250$

Passing marks = $0.2M + 5 = 55$
 Passing percent = $\frac{55}{250} \times 100 = 22\%$

- 40.(3) Quantity of milk in mixture
 $= \left(1 - \frac{8}{40} \right)^2 \times 40 = \left(1 - \frac{1}{5} \right)^2 \times 40 = \frac{16}{25} \times 40 = 25.6 \text{ litre.}$

- 41.(4) $56 + 5.4 - 3 = 58.4.$
 42.(5) $? = 8063 - 5580 = 2483$

43.(1) $\frac{31^{31}}{31^{27}} = (31)^4 = (961)^2$

- 44.(1)

45.(3) $\frac{(9.11 \times 936) - (12.5 \times 498)}{100} = 23.0196.$

46.(2) $x = \frac{7}{9}, \frac{5}{9}; y = \frac{3}{9}, \frac{5}{9}$

Therefore $x \geq y.$

47.(2) $x = +9, +7; y = +7, -5;$

48.(5) $x = 4, \frac{7}{2}; y = 6, \frac{4}{5};$

Therefore no relation.

49.(1) $x = 5, y = 2$

Therefore $x > y.$

50.(3) $x = 16, y = 17.$

Therefore $y > x.$

51.(2) % increase = $\frac{\frac{91 \times 17}{88 \times 12} - \frac{88 \times 12}{88 \times 12}}{\frac{88 \times 12}{100}} \times 100 = \frac{4.03}{11.44} \times 100 \approx 35\%$

52.(1) Min. production is in company E with 118 million units.

53.(3) Number of units sold by D in 2003

$= \frac{75}{100} \times 27,000,000 = 20,250,000.$

54.(4) Number of units not sold by B in 1999, 2002 and 2004
 $= (14\% \text{ of } 28 \text{ m}) + (20\% \text{ of } 24 \text{ m}) + (32\% \text{ of } 28 \text{ m})$
 $= 1,76,80,000.$

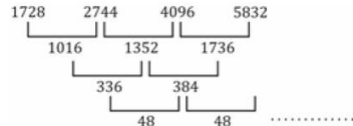
55.(4) The maximum number of units in year 2001 is sold by C with 20.16 million units.

56.(1) $40280625 (\div 55), 732375 (\div 35), 16275 (\div 35), 465 (\div 25),$
 $18.6 (\div 15), 1.24 (\div 5) = 0.248$

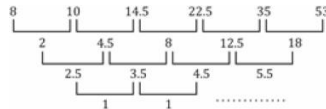
Series is divided by 55, 45,5.

57.(3) Series is as $\times 1 - 2, \times 2 - 3, \times 3 - 4, \times 4 - 5, \times 5 - 6, \times 6 - 7$
 i.e. $1149 \times 6 - 7 = 6887$

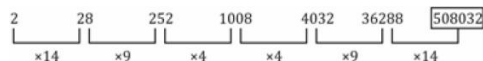
58.(2) Difference between difference of number at last is 48.



59.(4) Difference between difference of number at last is 1.



60.(5) Series is like



61.(3) $2500 \div 10 + \frac{55}{100} \times 270 = ?$
 $\Rightarrow ? = 250 + \frac{14850}{100} \approx 400.$

62.(2) $? \times 5 \times 5 - 13 \times 4 \times 4 = 117 \Rightarrow ? = \frac{117 + 208}{25} = 13.$

63.(2) $32^2 \times \sqrt[3]{512} \times 34^2 \div (2^9 \times 17^2) = 2^? \Rightarrow 2^? = 64 \Rightarrow ? = 6.$

64.(1) $? = \frac{(750 \times 100)}{8280 \times 9} \approx 85.$
 5×11

65.(2) $\frac{31}{100} \times 625 - \frac{65}{100} \times 400 = ? - 33$
 $\Rightarrow ? = -66.25 + 33 \approx -32.$

66.(1) I. $R = L \geq M > N$ (True)

II. $Q > O \geq N > M$ (False)

67.(2) I. $M = K > F \geq U$ (False)

II. $K > F \geq U = T \geq S$ (True)

68.(4) I. $U > B = I < X$ (False)

II. $I < X \leq C < F$ (False)

69.(1) I. $R = S > O \geq T$ (True)

II. $N \geq R = S > O$ (False)

70.(3) I. $F > C \geq A > D = B < Q$ (False)

II. $Q > B = D < A \leq C < F$ (False)

71.(3) L=6th

L=15th

L=9th

72.(1) R4PIJMQ3%T@©UK5V1WSY2BE6#9DH8G+ZN

73.(2) R4PIJMQ3%T@©UK5V1WSY2BE6#9DH8G+ZN

74.(2) R4PIJMQ3%T@©UK5V1WSY2BE6#9DH8G+ZN

75.(5) [] [] [] [] []

76-80.

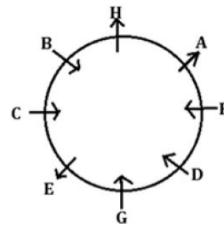
DAY	PERSON	COMPANY
Monday	Anurag	B
Tuesday	Ajay	C
Wednesday	Aakash	D
Thursday	Ankit	A
Friday	Avinash	E
Saturday	Anupam	F
Sunday	Amit	G

76.(3) 77.(1)

78.(4) 79.(5)

80.(2)

81-85.



81.(3) 82.(2)

83.(1) 84.(1)

86.(3) $2 + 90 \div 4 \times 4 - 8 = 84.$

87.(5)

88.(3)

R(-) — T(+)

Q

89.(4)

S(-)

H(-)

U(+)

I(-)

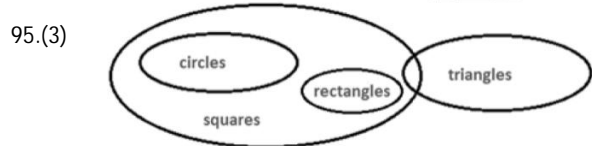
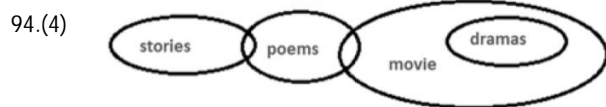
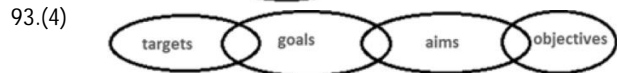
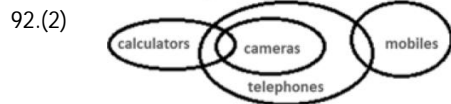
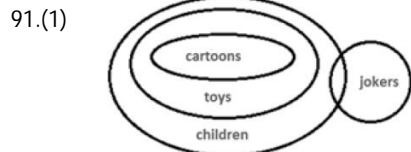
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90.(4)

Z I P	C O D E	A D E	Z O D I A C
7 4 2	1 3 5 6	8 5 6	7 3 5 4 8 1



96-100.
 meena → mo
 teena → ga
 reena → su
 surbhi → ti
 nancy → ye/na
 garden → zo
 dream → ki
 golu → ye/na
 bikki → da
 aniket → ra
 neeraj → nic

96.(5)
 98.(2)

97.(4)
 99.(5)

100.(2)

