

IBPS Clerk Preliminary -2021. ICP-2021-11008

HINTS & SOLUTIONS

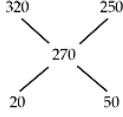
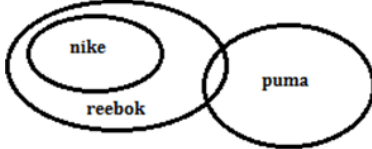
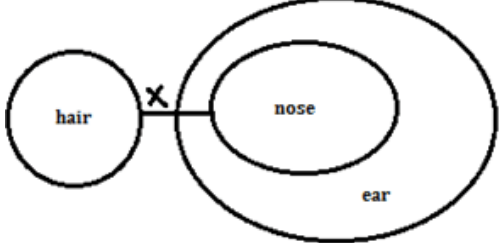
ANSWER KEY

1.(4)	21.(1)	41.(3)	61.(2)	81.(4)
2.(5)	22.(5)	42.(3)	62.(3)	82.(1)
3.(1)	23.(2)	43.(2)	63.(2)	83.(3)
4.(3)	24.(4)	44.(5)	64.(1)	84.(3)
5.(3)	25.(3)	45.(4)	65.(4)	85.(5)
6.(2)	26.(2)	46.(3)	66.(1)	86.(3)
7.(2)	27.(4)	47.(4)	67.(2)	87.(2)
8.(4)	28.(1)	48.(1)	68.(4)	88.(3)
9.(1)	29.(3)	49.(5)	69.(1)	89.(4)
10.(3)	30.(5)	50.(3)	70.(1)	90.(1)
11.(1)	31.(4)	51.(2)	71.(2)	91.(2)
12.(1)	32.(3)	52.(3)	72.(5)	92.(1)
13.(2)	33.(4)	53.(1)	73.(4)	93.(3)
14.(2)	34.(1)	54.(3)	74.(3)	94.(4)
15.(3)	35.(5)	55.(3)	75.(1)	95.(5)
16.(5)	36.(4)	56.(3)	76.(4)	96.(2)
17.(2)	37.(3)	57.(1)	77.(2)	97.(1)
18.(4)	38.(2)	58.(2)	78.(2)	98.(1)
19.(2)	39.(3)	59.(2)	79.(5)	99.(5)
20.(1)	40.(2)	60.(1)	80.(1)	100.(1)

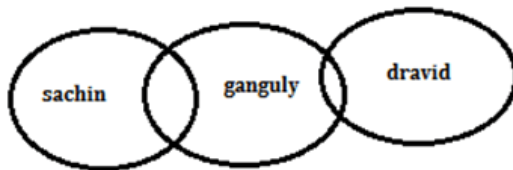
HINTS & SOLUTIONS

- 1.(4) a - "Warshaw just did not have enough time to program the game properly."
 b - "Atari decided to skip testing due to time limitations."
 c - "Unfortunately, Atari overestimated how many they would sell. They made 5 million copies and they only sold 1.5 million."
- 2.(5) Option (3) is correct as Many critics believed that Atari's blunder on E.T. was one of the causes leading to this depression. Option (1) and (2) are correct also.
- 3.(1) Refer to the 5th paragraph of the passage, "The graphics were bad. Game play was awkward. Players got stuck in holes that they couldn't escape. A short time limit made the game difficult to explore and frustrating to play."
- 4.(3) Refer to the 4th paragraph of the passage, "Atari decided to skip testing due to time limitations. They wanted the game released during the holiday season."
- 5.(3) Refer to the 5th paragraph of the passage, "Some people who stuck with the game grew to like it,"
- 6.(2) Refer to the 5th paragraph of the passage, "Unfortunately, Atari overestimated how many they would sell. They made 5 million copies and they only sold

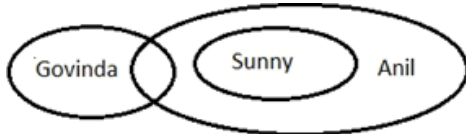
- 1.5 million it wasn't the mainstream success that Atari had hoped it would be. "
- 7.(2) Refer to the first paragraph of the passage, "It was based on a very popular film of the same name. It cost over 125 million dollars to make. Star programmer Howard Scott Warshaw created it with consultation from Steven Spielberg."
- 8.(4) Scavenging means to search for and collect (anything usable) from discarded waste hence blight is the word most opposite in meaning.
- 9.(1) Massive means large and heavy or solid hence derisory is the word most opposite in meaning.
- 10.(3) Prior means existing or coming before in time, order, or importance hence anterior is the word most similar in meaning.
- 11.(1) Instead of 'I shall pass' use 'I pass' will be used.
- 12.(1) Use 'has been' in place of 'is' as since + time is given.
- 13.(2) Use 'of' in place of 'with'.
- 14.(2) Remove 'it' as the subject of 'was used' is 'stone'.
- 15.(3) Remove 'the' from the sentence.
- 16.(5)
- 17.(2) **Compulsion** means the action or state of forcing or being forced to do something; constraint.
Persuasion means the action or process of persuading someone or of being persuaded to do or believe something.
- 18.(4) In the first filler (a), (c), (d) are fit in the 2nd filler only (b) and (d) can fit.
- 19.(2) **Commendable** means deserving praise.
- 20.(1) In first filler (1) and (5) are can be used but in the other only (1) and (2) can fit.
- 21-25. The correct sequence is **AEBDC**.
- 21.(1) 22.(5)
- 23.(2) 24.(4) 25.(3)
- 26.(2) 27.(4)
- 28.(1) 29.(3) 30.(5)
- 31.(4) Let to be added water be x litre
 $\therefore \frac{90}{100+x} = \frac{50}{100}$
 or, $180 - 100 = x$
 or, $x = 80\ell$
- 32.(3) ATQ, $6000 = P \left(1 + \frac{r}{100}\right)^5$ and
 $8000 = P \left(1 + \frac{r}{100}\right)^{10}$
 On dividing,
 $\frac{8000}{6000} = \left(1 + \frac{r}{100}\right)^5$
 $or, \left(1 + \frac{r}{100}\right)^5 = \frac{4}{3}$
 Now, $P = \frac{6000}{\left(1 + \frac{r}{100}\right)^3} = \frac{6000 \times 3}{4} = \text{Rs. } 4500$
- 33.(4) Time required by leakage to empty be x
 $\therefore \frac{1}{8} - \frac{1}{x} = \frac{1}{10}$
 or, $\frac{1}{x} = \frac{5-4}{40} = \frac{1}{40}$
 or, $x = 40$ hours.

- 34.(1) Perimeter of square plot = $4 \times \sqrt{462.25}$
 $= 4 \times 21.5 = 86$ feet
 \therefore Cost of fencing = $86 \times 34 = \text{Rs. } 2924$
- 35.(5) Let l_1, r_1 and l_2, r_2 be the length and radius of old and new wires respectively.
 Then, $\pi r_1^2 l_1 = \pi r_2^2 l_2$
 or, $r_1^2 l_1 = \left(\frac{1}{4} r_1\right)^2 l_2$
 or, $\frac{l_1}{l_2} = \frac{1}{16}$
- 36.(4) Cost price of mixture = $324 \times \frac{100}{120} = \text{Rs } 270$
- 
- \therefore Required ratio = 2 : 5
- 37.(3) $P \left(1 + \frac{20}{100}\right)^2 - P - \frac{P \times 2 \times 20}{100} = 720$
 $\Rightarrow P = 720 \times 25 = \text{Rs } 18000$
- 38.(2) Work done in 2 days = $\frac{1}{9} + \frac{1}{12} = \frac{7}{36}$
 \therefore in 10 days work done = $\frac{7}{36} \times 5 = \frac{35}{36}$
 Remaining work = $1 - \frac{35}{36} = \frac{1}{36}$
 Remaining work will be completed by A in $9 \times \frac{1}{36} = \frac{1}{4}$
 Thus, total time taken to complete the work = $10\frac{1}{4}$ days
- 39.(3) Area of rectangle or square = $125 \times 5 = 625 \text{ cm}^2$
 \therefore parameter of square = $4 \times \sqrt{625} = 100 \text{ cm}$
- 40.(2) Dimensions of the box formed = $50 \times 30 \times 5$
 Therefore required capacity = 7500 cm^3
- 41.(3) $?\ = \frac{33 \times 1331}{121} = 363.$
- 42.(3) $?\ = \frac{0.5}{100} \times 674 \times \frac{0.8}{100} \times 225 = 6.066$
- 43.(2) $?\ = \frac{(854)^3 - (276)^3}{(854)^2 + (854 \times 276) + (276)^2}$
 $= 854 - 276 = 578.$
- 44.(5) $?\ = 126 + 30 + 109 = 265.$
- 45.(4) $?\ = 226.2 \times 6 = 1357.2$
- 46.(3) Required percentage = $\frac{1526}{1299} \times 100 = 117.48\%$
- 47.(4) Required average
 $= \frac{208 + 318 + 219 + 90 + 171}{5} = \frac{1006}{5} \approx 201.$
- 48.(1) Required percentage
 $= \frac{7637 - 1486}{1486} \times 100 \approx 414\%.$
- 49.(5) Not selected interviewees in HTC
 $= 259 + 541 + 198 + 296 + 249 = 1543.$
 Not selected interviewees in APPLE
 $= 245 + 272 + 544 + 220 + 168 = 1449.$
 Therefore required difference = $1543 - 1449 = 94.$
- 50.(3) Number of interviewees not selectec = 210
 Then, $x + \frac{110}{100}x = 210$ Or, $x = \frac{210}{2.1} = 100.$
 i.e. Number of female interviewees = 100.
- 51.(2) Required average = $\frac{315 + 335}{12} = 54\frac{1}{6}\%$
- 52.(3) Required income = $\frac{45 \times 500000}{100} + 500000 = \text{Rs. } 7,25,000$
- 53.(1) Expenditure of A = $\frac{1870000}{1.70} = \text{Rs. } 11$ lakhs
 Expenditure of B = $\frac{2030000}{1.45} = \text{Rs. } 14$ lakhs
 \therefore Require percentage = $\frac{14 - 11}{11} \times 100 \approx 27\%$
- 54.(3) Clearly from graph, since profit percent is max in 2013,
 So expenditure is minimum in year 2013
 Now, Expenditure of B in 2013 = $\frac{340000}{1.7} = \text{Rs. } 2,00,000$
- 55.(3) Ratio in 2008 = $\frac{40}{60} \approx 0.67$
 Ratio in 2009 = $\frac{55}{45} \approx 1.22$
 Ratio in 2011 = $\frac{65}{40} \approx 1.625$
 Ratio in 2012 = $\frac{70}{45} \approx 1.56$
 Ratio in 2013 = $\frac{45}{60} \approx 0.86$
- 56.(3) Series is $x2 + 1, x3 + 2, x4 + 3, x5 + 4, x6 + 5$
 Therefore, $?\ = 719 \times 6 + 5 = 4319.$
- 57.(1) Series is $+1^2 - 1, +2^2 - 2, +3^2 - 3, +4^2 - 4, +5^2 - 5, +6^2 - 6$
 Therefore, $?\ = 48 + 36 - 6 = 78.$
- 58.(2) Pattern is $5^1 + 5, 4^2 + 4, 3^3 + 3, 2^4 + 2, 1^5 + 1$
- 59.(2) Pattern is $x1 + 2, x2 + 3, x3 + 4, x4 + 5$
 Therefore, $?\ = 17 \times 3 + 4 = 55.$
- 60.(1) Pattern is $\div 7, \div 6, \div 5, \div 4, \div 3, \div 2$
 Therefore, $?\ = 24 \div 3 = 8.$
- 61.(2) $?\ = 2400 \div 0.08 = 30000 = 3 \times 10^4.$
- 62.(3) $?\ = \frac{140 - 90}{49 + 16 + 169} = \frac{50}{234} = \frac{25}{117}$
- 63.(2) $?\ = 44.4 - 16.4 = 28$
- 64.(1) $?\ = (243)^{0.8 - 0.4 + 0.6} + (243)^{0.2}$
 Or, $?\ = 243 + (243)^{0.2} = 243 + 3 = 246.$
- 65.(4) $84 + 144 = \frac{1440}{x}$
 $\Rightarrow x = \frac{1440}{228} = 5.$
- 66.(1) $D > C = E$ (True)
 $B \geq C = E$ (False)
- 67.(2) $S = Q \geq P$ (False)
 $S = Q > M \geq N$ (True)
- 68.(4) $V = S$ (False)
 $Q > M$ (False)
- 69.(1) $S \geq V = U > T$ (True)
 $V \geq Q$ (False)
- 70.(1) $E = J > L \geq W$ (True)
 $M \geq N > R > W \leq L$ (False)
- 71.(2)
- 
- 72.(5)
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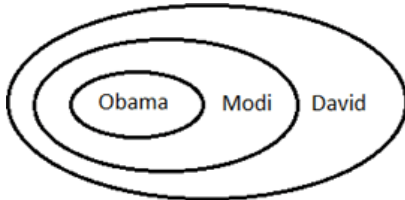
73.(4)



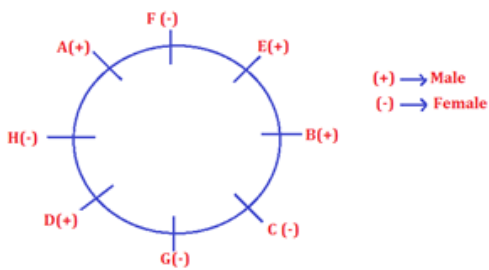
74.(3)



75.(1)



76-80.


Family Tree :


76.(4)

77.(2)

78.(2)

79.(5)

81-85.

Institute	Competitive Examination	Weekly off
P	Banking	Wednesday
Q	SSC	Sunday
R	NET	Saturday
S	Engineering	Thursday
T	Medical	Tuesday
U	CAT	Friday
V	TET	Monday

81.(4)

82.(1)

83.(3)

84.(3)

85.(5)

86.(3)

87.(2)

88.(3)

89.(4)

90.(1)

91-95.



91.(2)

92.(1)

93.(3)

94.(4)

95.(5)

96-100.

Word	Code
park	ud
the	hu
play	kl
to	et
go	ge
of/children	dr/cx
full	bo
time	sy

96.(2)

97.(1)

98.(1)

99.(5)

100.(1)