

SBI PO Preliminary Grand Test –SPP-170460

HINTS & SOLUTIONS

- 1.(1) Refer to first paragraph of the passage.
 2.(1) All the given statements are true according to the passage.
 3.(2) "And the world has learnt that enlightened self-interest is good economics all over again after the Great Recession of 2009."
 4.(3) "And while social responsibility is one way for companies to get back their reputations consumers too need to make ethical choices."
 5.(4) "The most progressive companies are talking about a triple bottom line-profit, planet and people - that focusses on how to run a business while trying to improve environmental and worker conditions."
 6.(5) Ideals means a person or thing regarded as perfect. So, values is the word which is the word which is similar in meaning to it.
 7.(2) Embraced means to accept (a belief, theory, or change) willingly and enthusiastically. So, adopted is the word which is similar in meaning to it.
 8.(4) Attracts means to have a liking for or interest in something. So, fascinates is the word which is similar in meaning to it.
 9.(3) Enlightened means having or showing a rational, modern, and well-informed outlook. So, ignorant is the word which is opposite in meaning to it.
 10.(1) Heedless means showing a reckless lack of care or attention. So, prudent is the word which is opposite in meaning to it.
 11.(3) Replace 'take out your shoes and put out the light' with 'take off your shoes and put out the light.'
 12.(4) Replace 'On account of she' with 'Because she'.
 13.(3) Replace 'constantly surrounding of sounds' with 'constantly surrounded by sounds'.
 14.(4) Replace 'leave in hurry' with 'hurriedly left'.
 15.(4) Replace 'is older of' with 'is the elder of'.
 16.(4) 'launched, kicked' is the correct use.
 Launched means start or set in motion.
 Kicked means succeed in giving up.
 17.(1) 'over, following' is the correct use.
 18.(4) 'deep, established' is the correct use.
 Established means having existed or done something for a long time and therefore recognized and generally accepted.
 19.(5) 'availing, forged' is the correct use.
 Availing means use or take advantage of (an opportunity or available resource).
 Forged means copied fraudulently.
 20.(2) 'frequency, allegiance' is the correct use.
 Frequency means the rate at which something occurs over a particular period of time or in a given sample.
 Allegiance means loyalty or commitment to a superior or to a group or cause.
 21-25. The correct sequence to form meaningful paragraph is BEDCA.

- 21.(2)
23.(4)

- 22.(1)
24.(3)

- 25.(1)
26.(4) smooth
27.(2) continue
28.(3) Hostility
29.(1) bitter
30.(4) loss
31.(4)

C.P of wrist watch = Rs. 450

List price be 'x'
Acc. to question

$$450 \times \frac{120}{100} = \frac{90x}{100}$$

$$x = \frac{450 \times 120}{90} = \text{Rs. 600}$$

C.P	S.P	
100	112	}
↓ -10%		
90	117	
5 → 5.75		

$$100 \rightarrow \frac{5.75}{5} \times 100$$

$$100 \rightarrow 115$$

C.P of article = Rs. 115

To gain 20% S.P must be

$$= 115 \times \frac{120}{100} = \text{Rs. 138}$$

33.(4) $SI = \frac{8}{25} P,$
 $\frac{SI}{P} = \frac{8}{25}$

$$\text{Time} = \frac{R}{2}, \quad \text{Rate} = R, \quad 8 = \frac{25 \times \frac{R}{2} \times R}{100}$$

$$R^2 = 64, R = 8\%$$

$$5\% = \frac{1}{20} \rightarrow \text{sum}$$

Sum	Installment	
I year	20 _{x21}	21 _{x21}
II year	400	441
I year	420	441
II year	400	441
	820	441

$$\downarrow \times 40$$

$$\underline{32800}$$

$$\downarrow \times 40$$

$$\underline{17640}$$

35.(2)

	Acid	:	Water	Total
Glass I	2 × 9 × 7	:	3 × 9 × 7	5 × 9 × 7
Glass II	3 × 5 × 9	:	4 × 5 × 9	7 × 5 × 9
Glass III	4 × 5 × 7	:	5 × 5 × 7	9 × 5 × 7

Glass I	126	189
Glass II	135	180
Glass III	140	175
	401	544

Required ratio = 401:544

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36.(1)

First Class	Second Class
Fare 3	: 1
Passenger 1	: 50
Total fare	3 + 50 = 53x
53x = 1325	
x = 25	

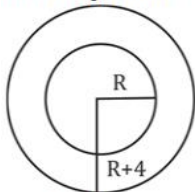
Amount collected from second class
= 25 × 50 = Rs.1250.

37.(4) One day work of 2 men = 2 × 5 = 10
One day work of 3 women = 3 × 4 = 12
One day work of 4 children = 4 × 2 = 8
Total one day work = 30
$$\frac{30 \times 10}{10} = \frac{(6 \times 5 + 4 \times 4 + 7 \times 2) \times x}{16}$$
$$\frac{30 \times 16}{60} = D$$
D = 8 days

38.(2) Correct average = $200 + \frac{(220+80-180-20)}{500}$
= $200 + \frac{100}{500}$
= 200.20

39.(2) Distance travelled by 1st train = 14t
Distance travelled by 2nd train = 21t
21t - 14t = 70
7t = 70, t = 10 h
Total distance = (14 + 21) × 10 = 350 km

40.(4) Radius of swimming pool = R
Acc. To Question



$$\pi R^2 \times \frac{11}{25} = \pi(R+4)^2 - \pi R^2$$

$$R^2 \times \frac{11}{25} = R^2 + 16 + 8R - R^2$$

$$\frac{11}{25}R^2 = 16 + 8R$$

$$11R^2 - 200R - 400 = 0$$

$$11R^2 - 220R + 20R - 400 = 0$$

$$11R(R-20) + 20(R-20) = 0$$

$$(11R+20)(R-20) = 0$$

R = 20

41.(3)

3	14	39	84	155	258
11	25	45	71	103	
14	20	26	32		
5	8	21	52	109	200
3	13	31	57	91	

$$1^2 + 2 = 3$$

$$3^2 + 4 = 13$$

$$5^2 + 6 = 31$$

$$7^2 + 8 = 57$$

$$9^2 + 10 = 91$$

43.(5) (×1 + 1), (×2 - 2), (×3 + 3), (×4 - 4)
∴ 440 × 5 + 5 = 2205

44.(1) × 1.5, × 2, × 2.5, × 3
∴ 540 × 3.5 = 1890

45.(3) +55, -45, +35, -25, +15
170 + 15 = 185

46.(5) $x = \sqrt{6}, y = \sqrt{6}$
∴ x = y

47.(1) x = 6, y = 4
∴ x > y

48.(5) x = -4, 3 ; y = 3, 2
∴ No relation

49.(3) x = -6, -3 ; y = 8, 5
x < y

50.(2) $\sqrt{x+6} = 11 - 6$
 $\sqrt{x+6} = 5$

$$x + 6 = 25$$

$$x = 19$$

$$y = 19, -19$$

$$\therefore x \geq y$$

51.(1) $\frac{54200 \times 31}{100} : \frac{65250 \times 28}{100} = 8401 : 9135$

52.(4)

City	No. of children
P	12571
Q	8040
R	11924
S	8884
T	11745
U	12496

53.(5) $\frac{56.8}{301.18} \times 100 \approx 19\%$

54.(3) $\frac{44.42 \times 45\%}{48.35 \times 36\%} \times 100 = 114.84$

55.(2) $\frac{18373 + 14472 + 25474 + 15547 + 35235 + 30104}{6}$

$$\approx 23200$$

56.(2) 2040 + 2300 + 2400 + 2200 + 2090 + 2120 = 13150

57.(4) $\frac{2250 - 2180}{2180} \times 100 = 3.21\%$

58.(3) Number of students in college P in 2008 = 2540.
Total number of students in P in all years = 13780.

$$\text{Required percentage} = \frac{250}{13780} \times 100 = 18\% \text{ (approx.)}$$

59.(1) Required ratio = (2250 + 2480) : (2260 + 2440)
= 4730 : 4700 = 473 : 470

60.(5) $\frac{(2500 + 2250 + 2450 + 2150 + 2020 + 2300)}{6}$

$$= \frac{13670}{6} = 2278 \text{ (approx)}$$

61.(4) (?)² = 121

$$? = 11$$

62.(4) $\frac{7}{3} + \frac{17}{5} \times \frac{5}{4} - \frac{8}{3}$

$$= \frac{7}{3} + \frac{17}{4} - \frac{8}{3}$$

$$= \frac{17}{4} - \frac{1}{3}$$

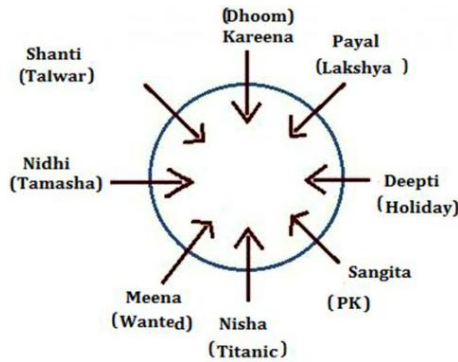
$$= \frac{47}{12}$$

63.(2)

64.(2) $\frac{x}{100} \times 762 = 524.24 - 249.92$
x = 36

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65.(5) $\sqrt{212 + 229} = \sqrt{441} = 21$
 66-70.



66.(5) 67.(2)
 68.(3) 69.(2)
 70.(1)
 71.(2)

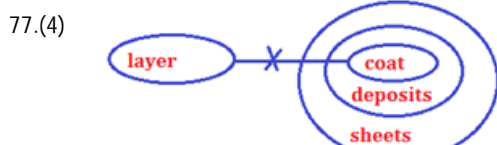
Nothing about the environment in the new company is mentioned in the statement. So, I is not implicit. Since Arun is not satisfied with the present Salary, it is evident that the present company offers moderate pay packets. So, II is implicit. The statement talks only of Arun and not all the employees of the new company. So, III is not implicit.

72.(2) From the fact that the present pact is not a lasting one, the possibility of a permanent pact cannot be ruled out. So, I is not implicit. The statement mentions that the present pact is a 'fragile' one and the vital sovereignty issue still remains unresolved. So the same issue may rise again in the future. Thus, II is implicit.

73.(1) A has advised B the route to Jammu. This means that B wishes to go to Jammu. So, I is implicit. The statement mentions only A's advice to B. So, II is not implicit.

74.(3) Clearly, if the income of farmers is not adequate, they cannot be brought under the net of taxation as per rules governing the Income Tax Act. So, I is not strong. Besides, a major part of the population is dependent on agriculture and such a large section, if taxed even with certain concessions, would draw in huge funds, into the government coffers. Also, many big landlords with substantially high incomes from agriculture are taking undue advantage of this benefit. So, both arguments II and III hold strong.

75.(1) Clearly, internet users should not suffer on account of certain individuals who indulge in internet hacking. However, such wrong-doers ought to be penalized so that there are no hassles in the use of internet. So, only course I follows.



80.(4)



- 81.(4) I. $B < L = P \leq W < V$ (TRUE)
 II. $M = K \geq V > W \geq P$ (TRUE)
- 82.(5) I. $L = P \leq W < V \leq K \geq Q$ (FALSE)
 II. $W < V \leq K = M$ (FALSE)
- 83.(3) I. $X \geq B = U \geq R$ (FALSE)
 II. $X \geq B = U \geq R$ (FALSE)
- 84.(2) I. $U \leq S < T = O > D$ (FALSE)
 II. $S < T = O \leq P$ (TRUE)
- 85.(1) I. $Z = O > D \geq Y$ (TRUE)
 II. $C > U \leq S < T = O$ (FALSE)

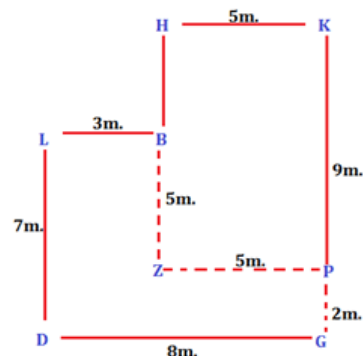
86-90.

Word	Code
efforts	hy/kj
required	hy/kj
in	te
teaching	dp
kids	mb/cs
is	mb/cs
tough	op
heart	gr
huge	re
task	ba

- 86.(2) either 'required' or 'efforts' ;
- 87.(4) 88.(1)
- 89.(4) 90.(3)
- 91-95.

Month	Person	Subjects
February	E	English
March	F	Hindi
April	B	Computer
June	D	Reasoning
September	A	Physics
October	G	Quant
November	C	GA

- 91.(1) 92.(5)
- 93.(4) 94.(4)
- 95.(3)
- 96-98.



96.(3) 97.(3)

98.(4)

99.(3) **P E R F O R A T E**

100.(3) $L < M < K < J < N$