SBI PO Preliminary Grand Test –SPP-170458
HINTS & SOLUTIONS

1.(5) Phrase palm something off means to tell somebody that something is better than it is, especially in order to sell it.

2.(4) They believe that these institutions have the requisite knowledge and will act only in favour of the general public.

3.(2) As the institution is responsible for not encouraging examiners to venture outside the rote process.

4.(2) Little Deceptions Add to Larger Trust-Deficit.

5.(1) Examiners are not devoted to their jobs.

6.(5) Refer to second paragraph of the passage.

7.(2) Premium means very high; of high quality; extra. So, extra is the correct word which is similar in meaning to it.

8.(3) Recount means to tell somebody about something; especially something that you have experienced. So, narrated is the correct word which is similar in meaning to it.

9.(3) Repeat means an event that is very similar to something that happened before; to happen again. So, new is the correct word which is opposite in meaning to it.

10.(4) Unskilled means not having or needing special skills or training. So, trained is the correct word which is opposite in meaning to it.

11.(2) 'alight, tied' is the correct use.
Alight - to descend from a train, bus, or other form of transport.
Tied -fastened or attached with a string or similar cord.

12.(1) 'from, to' is the correct use.
From is used to express the duration or starting point of an activity.
To is used to indicate a limit or an ending point.

13.(3) 'working, condemned' is the correct use.
Condemn - to criticize.

14.(2) 'left, including' is the correct use.

15.(1) 'directed, form' is the correct use.

16.(2) Change 'I' (subject) to 'me' (object).

17.(2) Change 'despite of' to 'despite' as despite is not followed by 'of'.

18.(2) Change 'how I have not' to 'why I had not' as sentence is in past.

19.(1) Change 'Buy' to 'Buying' as Buying (gerund) is the subject of the sentence.

20.(5) No error

21.(3) Replace 'come to alternate' with 'comes to alternate'

22.(5) No correction required.;

23.(3) Replace 'need for utilise' with 'need to utilise'.

24.(3) Replace 'Despite public' with 'though public'.

25.(5) No correction required;

26.(3) every

27.(2) insatiable

28.(5) characterize

29.(1) Owing

30.(4) source

31.(3) $x = -ve$
$y = +ve$
$\therefore x < y$

32.(5) $x = -5, 4; y = -5, 6$
No relation can't be established.

33.(2) $x = \pm 1$
$y = -3, -1$
$\therefore x \geq y$

34.(4) $x = 4, 3$
$y = 8, 4$
$\therefore x \leq y$

35.(4) $x = \pm 27$
$y = 27$
$\therefore x \leq y$

36.(3) The pattern is : $\times 3 + 1$, $\times 3 + 2$, $\times 3 + 4$, $\times 3 + 8$

37.(5) The pattern is : $\times 1 - 2$, $\times 2 - 2$, $\times 3 - 2$, $\times 4 - 2$

38.(2) The pattern is : $\times 1 + (1)^2$, $\times 2 + (2)^2$, $\times 3 + (3)^2$, $\times 4 + (4)^2$

39.(1) $+7$, $+11$, $+13$, $+17$.

40.(4) The pattern is : $\times 2 + 1$, $\times 2 + 3$, $\times 2 + 5$, $\times 2 + 7$

41.(5) $50 = \frac{12 - CP}{CP} \times 100$
$50\,CP = 1200 - 100\,CP$
$CP = 8$
Required CP = $8 \times 3650 = 29200$ Rs.

42.(1) $45\% \to 40500$
$1\% = \frac{40500}{45}$
$145\% = \frac{40500}{45} \times 145 = 130500$ Rs.

43.(2) let CP of Potter A in 2000 = 100
$\therefore SP = \frac{160}{100} \times 100 = 160$ Rs.
$\therefore$ Required Ratio = $\frac{160}{100}$
= 8 : 5

44.(5) Amount is not given in any case.

45.(3) Required % = $\frac{5}{55} \times 100 \approx 9\%$

46.(1) $\frac{20\% \text{ of } 2040}{20\% \text{ of } 1450} = 204 : 145$

47.(5) 12% of 1450 = 174

48.(3) No of children in village M and N together
= (25 + 10)% of 2040 = 714
No of children attending school from village M and N together
= (32 + 12)% of 1450 = 638.
Required No. of Children = 714 –638 = 76

49.(3) 55 % of 2040 = 1122

50.(5) Required percentage
= $\frac{1450 \times \frac{14}{100}}{2040 \times \frac{15}{100}} \times 100 \cong 66\%$

51.(1) Equalted rate of interest for 4 years
= $6 + 6.5 + 7 + 7.5$
= $13 + 14 = 27$
$\therefore$ Required loan = $\frac{3375}{27} \times 100$
= 12500 Rs.

52.(3) Given $\pi r^2 = 98.56$

$$\frac{22}{7} r^2 = 98.56$$

$$r^2 = \frac{89.6}{2} \times 7$$

$$= 44.8 \times 7$$

$$r^2 = 313.6$$

$$r = 5.6 \text{ft}$$

Required cost $= 2\pi r \times 614$

$$= 2 \times \frac{22}{7} \times 5.6 \times 614$$

$$= 2 \times 22 \times 0.8 \times 614$$

$$= 21612.8 \text{ Rs.}$$

53.(2)

Aman	Vimal	Raman
117	90	100

$$307 \rightarrow 6447$$
$$1 \rightarrow \frac{6447}{307}$$

$$117 \rightarrow \frac{6447}{307} \times 117 = 21 \times 117 = 2457 \text{ Rs.}$$

54.(1) $\frac{336}{x} \times 100 = \frac{192}{400} \times 100$

$$x = \frac{336 \times 400}{192}$$

$$x = 700$$

55.(4) AC (in 1 hr) $\rightarrow$ 16 units

Bulb (in 1 hr) $\rightarrow 18 \times 6 = 3$ units

In 1 hr both will consume $= (16 + 3) \times 8 \times 10$

$$= 80 \times 19$$

$$= 1520 \text{units}$$

56.(3) Required amount $= 4000 \left(1 + \frac{5}{100}\right)^2$

$$= 4410 \text{ Rs.}$$

57.(3) $(S - 4) = \frac{3}{4}(R - 4)$

$$4S - 16 = 3R - 12$$

$$4S - 3R = 4 \quad \dots\dots(i)$$

and $(s + 4) = \frac{5}{6}(R + 4)$

$$6S + 24 = 5R + 20$$

$$6S - 5R = -4 \quad \dots\dots(ii)$$

from (i) and (ii)

$$R = 20$$

$$S = 16 \text{ years}$$

58.(1) $50 = \frac{d}{44} \times 60$

$$d = \frac{5 \times 44}{6}$$

Now $\frac{5 \times 44}{6} = 55 \times t$

$$t = \frac{4 \times 5}{6 \times 5}$$

$$= \frac{2}{3} \text{hr}$$

$$= \frac{2}{3} \times 60 \text{min}$$

$$= 40 \text{ min}$$

59.(2) Total age $= 24 \times 5 = 120$ yr

8 years ago, their total age $= 120 - 8 \times 5 = 80$ yr

$\therefore$ Required average $= \frac{80}{5} = 16 \text{ years}$

60.(3) Passing marks $= 40 + 30 = 70$

$$35\% \rightarrow 70$$

$$1\% \rightarrow \frac{70}{35}$$

$$100\% \rightarrow \frac{70}{35} \times 100 = 200$$

61.(3) $98 \div 14 \times 49 - 294 = (?)^2$

$$\Rightarrow 7 \times 49 - 294 = (?)^2$$

$$\Rightarrow 343 - 294 = (?)^2$$

$$\Rightarrow (?)^2 = 49$$

$$\Rightarrow ? = 7 \text{ or } -7$$

62.(1) $(2 \times 3)^3 \div (4 \times 9)^2 \times (27 + 8)^2 = (6)^?$

$$\Rightarrow 6^3 \div (36)^2 \times (216)^2 = (6)^?$$

$$\Rightarrow 6^3 \div (6^2)^2 \times (6^3)^2 = (6)^?$$

$$\Rightarrow 6^{3-4+6} = (6)?$$

$$\Rightarrow ? = 5$$

63.(2)

64.(5) $\sqrt{576} \div (4)^2 \times 7.4 + (7)^3 - 231 = ?$

$$\Rightarrow 24 \div 16 \times 7.4 + 343 - 231 = ?$$

$$\Rightarrow 1.5 \times 7.4 + 343 - 231 = ?$$

$$\Rightarrow 11.1 + 343 - 231 = ?$$

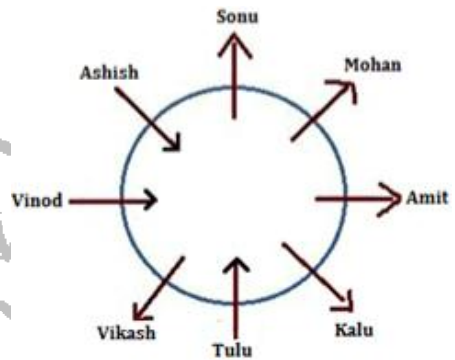$$\Rightarrow ? = 123.1$$

65.(1) $(\sqrt{3} - 2)^2 = ? -\sqrt{12} - \sqrt{36}$

$$\Rightarrow 3 + 4 - 4\sqrt{3} = ? -2\sqrt{3} - 6$$

$$\Rightarrow ? = 7 - 4\sqrt{3} + 2\sqrt{3} + 6$$
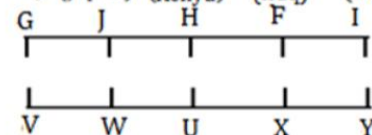
$$= 13 - 2\sqrt{3}$$

66-70.

66.(1)   **67.(1)**

68.(4)   **69.(3)**

70.(4)

71-75.

(Bulgaria)	(Japan)	(Kenya)	(Iraq)	(Australia)
G	J	H	F	I
V	W	U	X	Y
(Iran)	(Belgium)	(Indonesia)	(India)	(Russia)

71.(2) F belongs to Iraq

72.(4) U is from Indonesia

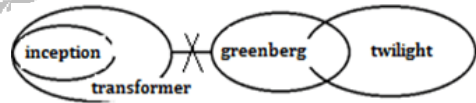**73.(4)**

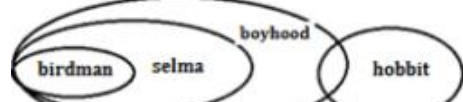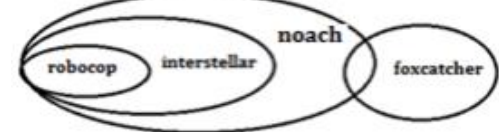**74.(3)** Among all options only Russia sits at the extreme ends.

75.(4)

76.(3)

77.(4)

78.(5)

79.(1)

80.(2)
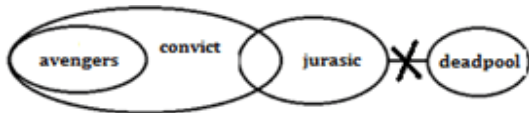
81.(5)   82.(4)
83.(5)   84.(2)
85.(4)
86-90.

Re	There
Ti	Take
Ta	Books
Ha	Them
Ka	These/Are
Se	Are/ These

86.(1)   87.(5)
88.(1)   89.(3)
90.(4)   That particular lady will be cousin(maternal sister) of Arijit.
91.(2)   Govt should immediately provide food, water and fodder.so only II follows.
92.(2)   City police should keep close vigil on all the anti social elements. So, only II follows.
93.(2)   Banning is not a solution. people should encouraged to take fresh vegetables and fruits, so only II follows.
94.(2)   India should talk seriously with their neighbours.
95.(1)
96-98.   D > A > C > E > F > B
96.(1)   97.(5)
98.(2)   99.(1)
100.(4)   Child write with "Pencil" and pencil is called "Sharpner".