

SBI PO Prelims-2021. SBPP-2021-10009 - HINTS & SOLUTIONS

ANSWER KEY

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

HINTS & SOLUTIONS

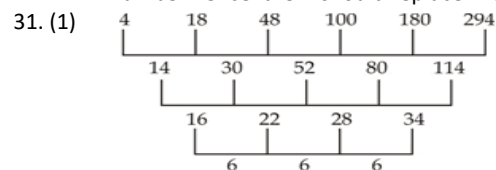
1. (2) Refer to paragraph 1 of the passage, we can easily conclude that the investigators didn't have any hint of the place about which conversation was going on between the don and the broker, in fact they were surprised to know about their operation being conducted from that faraway place.
2. (2) Read the passage carefully, it can be easily inferred that only option (2) is incorrect in the context of the passage, remaining four statements are completely true.
3. (3) Refer to paragraph 2 of the passage, it is clearly mentioned that the pope started his criminal career by joining imertis a "respected family" involved in the "Second 'Ndrangheta," War in which almost 500 people were killed between 1985 and 1991.
4. (4) Read paragraph 3 of the passage carefully, it is clearly mentioned that both Giuseppe Pensabene and EmanueleSangiovanni were part of Northern Italy's criminal organization since long and they had various links in different countries to execute their operations and gain funding.
5. (5) Read paragraph 4 of the passage, it can be inferred that the arrest of EmanueleSangiovanni along with 38 other people helped the Italian investigators in tracking various links of these two people and their associates. It helped the investigators in knowing about the growth of their

6. (1) In context of the passage, as compared to other options, option (1) seems to be the most appropriate title for the given passage.
7. (2) Haunted means showing signs of mental anguish or torment. Hence it has same meaning as tormented.
8. (4) Focused means pay particular attention to. Hence it has opposite meaning to concentrated.
9. (3) Launder means conceal the origins of (money obtained illegally). Hence it has opposite meaning as approve.
10. (1) Accomplished means highly trained or skilled in a particular activity. Hence it has opposite meaning as incompetent.
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. (4)
17. (2)
18. (3)
19. (1)
20. (2)
- 21-25. The correct sequence is **CAGBEFD**

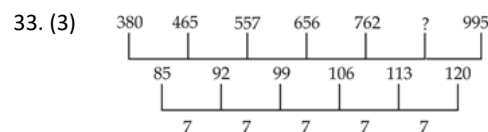
21. (4)
22. (3)
23. (1)
24. (1)
25. (4)
26. (5) No correction is required.
27. (3) Twins are usually similar in appearance but to say that "nobody believed they were twins" means they were different in appearance

28. (3) When a person starts doing something after completing a job, we use "Having + V3 +...."
29. (1) After 'one of' a plural noun is used. Hence 'the function' should be 'the functions'
30. (4) The use of 'each' in the sentence suggests a singular number hence 'their' should replace with 'his'



So, ? = 294 + 114 + 34 + 6 = 448.

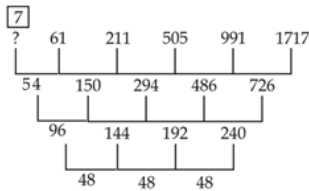
32. (2) +16, +32, +48, +64, +80....
- so, ? = 270 + 96 = 366



So, ? = 762 + 113 = 875.

34. (4) ×1, ×1.5, ×2.5, ×4, ×6, ×8.5.....
- so, ? = 1080 × 8.5 = 9180

35. (4)



So, $61 = ? + (150 - 96)$
 $? = 7$.

36. (3)

Let previously Prerna decided to donate d.
 $0.8d = 1896$
 $d = \frac{1896}{0.8} = 2370$

Salary = $\frac{2370}{15} \times 100$
 $= 15800$

37. (4)

$\frac{125}{100}(30 \times 45) = \frac{40}{100} \times 30 \times 50 + \frac{60}{100} \times 30 \times x$
 $125 \times 45 = 40 \times 50 + 60x$
 $5625 = 2000 + 60x$
 $3625 = 60x$
 $x = \text{Rs } 60 \text{ per kg (approx.)}$

38. (5)

Let Radha's Present age is R.
 $R = 2(R - 12) - 3$
 $R = 27 \text{ years}$

Raj's present age is Rg.

$\frac{R_j}{R} = \frac{4}{3}$

$R_j = \frac{4}{3} \times 27, R_j = 36, R_j + 5 = 41$

39. (4)

Rita	Sunil	Abhinay
87.5	70	100
87.5		

ratio = $\frac{87.5}{87.5 + 70 + 100}$
 $= \frac{87.5}{257.5}$
 $= \frac{35}{103}$

40. (5)

Amount = $\frac{1000 \times 100}{5 \times 4} = 5000$
 Amount invested in Compound interest = 10000
 CI 500 1st year
 500 + 25 2nd year
 Total CI = 1025

41. (2)

$762 + 254 = 1016$

42. (3)

43. (3)

$? = 142.35 - 23.12 = 119.23$

44. (2)

$\frac{6666}{66 \times 0.25} = 404$

45. (2)

$\sqrt{?} = 52 - 18 = 34$
 $? = (34)^2 = 1156$

46. (5)

There are two machine - III and VI

47. (5)

1997, Machine IV

48. (4)

$\frac{2006}{1199} \times 100 \approx 165\%$

49. (3)

$3346 \div 5 = 669.2$

50. (3)

Machine II and Machine V

51. (2)

Required sum = $\frac{4499.04}{(1 + \frac{3}{100})(1 + \frac{4}{100})(1 + \frac{5}{100})} = 4000$

52. (1)

Let initially each container contains 12 litres of mixture.
 \therefore Required ratio = $(\frac{2}{3} \times 12 + \frac{3}{4} \times 12) : (\frac{1}{3} \times 12 + \frac{1}{4} \times 12)$
 $= 17 : 7$

53. (4)

Ratio of their earning = 3 : 1.
 \therefore Share of B = $\frac{1}{4} \times 48000$
 $= 12000$

54. (4)

Work done by A in hours = $9 \times 7 = 63 \text{ hrs.}$

Work done by B In hours = $6 \times 7 = 42 \text{ hrs.}$

Part of the work done by both working

together in hr = $\frac{1}{63} + \frac{1}{42}$

$= \frac{2+3}{126}$
 $= \frac{5}{126}$

\therefore Required days = $\frac{126}{5} \times \frac{5}{42}$
 $= 3 \text{ days}$

55. (3)

A = x days
 \therefore B = 2x days

$\frac{1}{2x} + \frac{1}{x} = \frac{1}{18} \Rightarrow x = 27$

56. (4)

$\frac{6645}{50} = 132.9$

57. (3)

$6 + (\frac{2}{3} + \frac{3}{4} + \frac{1}{2}) = 6 \frac{23}{12} = 7 \frac{11}{12}$

58. (4)

$\frac{5}{8} \times \frac{13}{5} \times \frac{9}{4} = \frac{117}{32} = 3 \frac{21}{32}$

59. (1)

$\frac{(4^6)^5 \times (4^3)^8}{4^3} = (4^3)^? \Rightarrow \frac{4^{(30+24)}}{4^3} = 4^{3?}$

$\Rightarrow 4^{51} = 4^{3?} \Rightarrow ? = 17$

60. (2)

$\frac{13}{63} \times \frac{14}{104} \times \frac{52}{19} = \frac{13}{171}$

61. (5)

Work done by waste pipe in 12 minutes

= Work done by filling pipes in 2 minutes = $\frac{5}{12}$

Therefore, bath would be emptied by waste pipe in

$\frac{12 \times 12}{5} = \frac{144}{5} \text{ min.} = 28 \frac{4}{5} \text{ min.}$

62. (3)

(A + B)'s one day work = $\frac{1}{10}$

\therefore A's one day work = $\frac{1}{10} - \frac{1}{20} = \frac{1}{20}$

Remaining work = $1 - \frac{4}{20} = \frac{4}{5}$

\therefore Days taken by A to complete remaining work = 16 days.

63. (1)

Total C.P. = Rs. 800

S.P. of 30 kg wheat = $\frac{110}{100} \times 10 \times 30 = 330$

To earn overall 15% profit, Total S.P. = $\frac{115}{100} \times 800 = \text{Rs. } 920$

\therefore S.P. of remaining wheat = $\frac{920 - 330}{50} = \text{Rs. } 11.80$

64. (5)

Let x be the required quantity of water,

Then ATQ, $\frac{\frac{7}{5} \times 729}{(\frac{7}{5} \times 729) + x} = \frac{7}{3}$ or $x = 81 \text{ ml}$

65. (3)

Difference = 0.16 % of P = Rs. 2

$\therefore P = \frac{2}{16} \times 100 \times 100 = \text{Rs. } 1250$

66. (1)

I. $Y > R$ (True)

67. (4)

II. $R > Z$ (False)

68. (4)

I. $S = Q$ (False)

69. (3)

II. $X > Q$ (False)

70. (1)

I. $R < S$ (False)

71. (3)

II. $S < W$ (False)

72. (4)

I. $Z = X$ (False)

73. (2)

II. $Z > X$ (False)

74. (2)

I. $Y > R$ (True)

75. (5)

II. $R > Z$ (False)

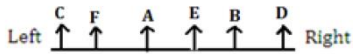
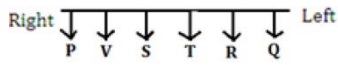
L=15th

L=9th

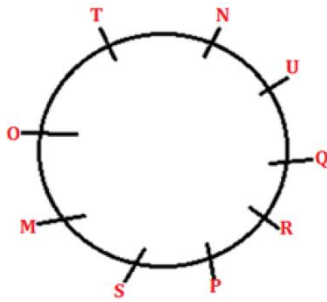
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76-80.



- 76. (4)
- 77. (2)
- 78. (2)
- 79. (3)
- 80. (5)
- 81-85.



- 81. (3)
- 82. (3)
- 83. (4)
- 84. (1)
- 85. (2)
- 86. (3)
- 87. (2)
- 88. (2)
- 89. (4)
- 90. (2)
- 91-95.

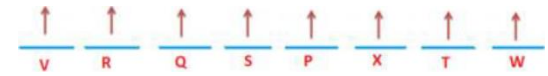
Only 543 and 618 will be divisible by 3 when added 3 to second digit of each number.

862 953 543 861 764

$6 \div 2 = 3$

1163 660 844 919 768

268 953 345 816 764



- 91. (2)
- 92. (2)
- 93. (2)
- 94. (2)
- 95. (4)
- 96. (3)
- 97. (4)
- 98. (3)
- 99. (2)

PARAMOUNT

AAMNOPRTU

- 100. (4) C, I, F, T

