SBI CLERK Preliminary Grand Test –SCP-180669
HINTS & SOLUTIONS

ANSWER KEY

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

HINTS & SOLUTION

1.(5) All the three statements denote the significance of heritage buildings which can be inferred from the given passage. Read the third and the fourth paragraphs of the passage for the reference. These statements justify the significance of heritage buildings for which the author want them to be preserved. Hence option (5) is the correct choice.

2.(5) Read the first paragraph of the passage carefully, it has directly mentioned the reasons behind the demolition of heritage buildings. Refer, " *It is reported that a few more heritage buildings of significant architectural design in Kolkata may be demolished in the near future to give way to high-rise office buildings or shopping malls which are in demand. Promoters and developers have set their eyes on the remaining prominent heritage buildings…*" The other two reasons are not mentioned in the passage. Hence option (5) is the correct choice in the context of the passage.

3.(2) Read the passage carefully, among the given three statements, only the second statement finds a direct relevance from the passage which can be found in the third paragraph. The other two statements do not comply with the content of the passage. For the reference, read the sentence from the last paragraph, " *It is not known whether the Heritage Commission of the State provides any support to such restoration initiatives by the owners of buildings…*". This makes the first

statement incorrect. Similarly, for the third statement, refer " *In this way many heritage buildings of Kolkata have already been demolished. These include the Pan-Am airline office building along with the building of Maharaja of Burdwan on Chowringhee road and a few other buildings including 'Senate House'.*" Thus, this states that these buildings have already been demolished which contradicts with the third statement. Hence option (2) forms the correct choice in the context of the passage.

4.(5) All the given statements are the potential measures to prevent the demolition of heritage buildings. The author has mentioned all these measures in the passage along with their effectiveness if executed properly. To refer these statements, read the last two paragraphs carefully. Hence option (5) is the correct choice in the context of the passage.

5.(3) Before answering the given question, one should notice that both the first and the second options imply the same meaning. Moreover, the author has implicitly mentioned that to generate the required funds, these buildings should be utilized effectively. Refer the fourth paragraph where the author has given the example of buildings built by the French and Portuguese in their colonies and how they have been restored as restaurants and public areas. For more explanation, refer the second last paragraph of the passage where the author has mentioned how the problem of lack of funds can be met by proper restoration initiatives. The third option makes no relevance in the context of the passage. Hence option (3) is the correct choice.

6.(1) Refer the last few lines of the last paragraph, " *Each new high-rise building built with concrete, brick, stone, glass and steel uses high energy-intensive materials which have consumed resources and have created pollution*." This makes the first statement a correct choice. However, the last two statements are out of the context of the passage as the author makes no relevance on such issues. Hence option (1) is the correct choice in the context of the passage.

7.(1) The word " *nurture* " means **care for and protect (someone or something) while they are growing** . The word " *nourish* " means **keep (a feeling or belief) in one's mind, typically for a long time** . Thus, in the context of the usage of word in the passage, both these words are synonymous to each other. Hence option (1) is the correct choice.

8.(4) The word " *pristine* " means **clean and fresh as if new; spotless** . The word " *immaculate* " means **perfectly clean, neat, or tidy** . Thus, in the context of the passage, both these words are similar in meanings. Hence option (4) is the correct choice.
Guiltless means having no guilt; innocent.

9.(2) **Pronounced** means very noticeable or marked; conspicuous.
Eminent means (of a person) famous and respected within a particular sphere.

The word "**prominent**" means *important; famous* . The word "*obscure*" means *not important or well known* . Thus, in the context of the passage, both these words are opposite in meanings. Hence option (2) is the correct choice.

10.(3) The word "*prevent*" means *keep (something) from happening* . The word "*encourage*" means *stimulate the development of (an activity, state, or belief)* . Thus, in the context of the passage, both these words are opposite in meanings. Hence option (3) is the correct choice.
Impede means delay or prevent (someone or something) by obstructing them; hinder.
Preclude means prevent from happening; make impossible.

11. (2) **Alveolate** means resembling the deep pits of a honeycomb
Eradicate means destroy completely; put an end to
Bilabiate means divided into two lips
Aggravate means make (a problem, injury, or offence) worse or more serious
Hence eradicate will be the correct choice

12. (3) **Appetence** means intense desire; strong natural craving; appetite.
Prevalence means the fact or condition of being prevalent; commonness.
Continence means self-restraint or abstinence,
Deference means polite submission and respect.
Pertinence means pertaining or relating directly and significantly to the matter at hand
Hence prevalence is the correct choice among all.

13. (4) **Vulgar** means lacking sophistication or good taste.
Inhuman means lacking human qualities of compassion and mercy; cruel and barbaric.
Considerate means careful not to inconvenience or harm others.
Fussy means fastidious about one's needs or requirements; hard to please.
Precedent means an earlier event or action that is regarded as an example or guide to be considered in subsequent similar circumstances.
Hence inhuman best fits the purpose

14. (1) **Vague** means of uncertain, indefinite, or unclear character or meaning.
Concrete means existing in a material or physical form; not abstract.
Rigorous means extremely thorough and careful.
Erroneous means wrong; incorrect.
Hence accurate will be the correct choice among all the options.

15. (3) **Alert** means the state of being watchful for possible danger.
Legit means conforming to the rules; legal
Validate means check or prove the validity or accuracy of
Prim means feeling or showing disapproval of anything regarded as improper; stiffly correct.
Hence prohibit will best explain the meaning here.

16. (2) **Perceptible** means (especially of a slight movement or change of state) able to be seen or noticed.
Palpable means able to be touched or felt
Tangible means perceptible by touch.
Hence gullible will be the most suitable option among all.

17. (4) **Abseil** means descend a rock face or other near-vertical surface by using a doubled rope coiled round the body and fixed at a higher point
Peril means serious and immediate danger.
Bezil means that part of a ring in which the stone is fixed.
Fibril means a small or slender fibre.
Domicil means a person's residence or home.
Here, peril best fits the purpose.

18. (1) **Prescripts** means an ordinance, law, or command.
Exempts means free (a person or organization) from an obligation or liability imposed on others.
Conscripts means enlist (someone) compulsorily, typically into the armed services
Transepts means (in a cross-shaped church) either of the two parts forming the arms of the cross shape, projecting at right angles from the nave.
Hence exempts will be the most exact option among all.

19. (2) **Reed** means a tall, slender-leaved plant of the grass family, which grows in water or on marshy ground.
Heed means pay attention to; take notice of.
Geed means encourage (someone) to put more effort into an activity.
Meed means a person's deserved share of praise, honour, etc.
Teed means to place (the ball) on a tee.
Here, heed best fits the purpose.

20. (3) **Description** means a spoken or written account of a person, object, or event.
Implication means the conclusion that can be drawn from something although it is not explicitly stated.
Calibration means the action or process of calibrating something.
Hence restriction will be the correct choice.

21. (3) 'within' will be used in place of 'in' because as there are two different meanings when 'in' and 'within' are used for 'period of time'.
He will return in (= at a close of) a week's time.
He will return within (= in less than) a fortnight.

22. (3) 'for a walk' will be used in place of 'to a walk' because 'go for a walk' is used.
Ex. I go for a walk early in the morning.

23.(2) 'for the last several years' is used in place of 'since the last several years' as 'last' is an ordinal adjective before which 'the' is used and 'the last several years' is a 'period of time' before which 'for' is used.
Ex. I have been working here for the last several years.

24. (3) 'for' will be used in place of 'into' as 'defer' means 'delay something until a later time', after which 'for' is used.
Ex. Let's **defer** the decision **for** a few weeks.

25. (3) 'we prepared' will be used in place of 'we were prepared' as active voice will be used in part (3) of the sentence.

26. (1) 'she had been offered' will be used in place of 'she had offered' as passive voice will be used in sentence (1) of the sentence.

27. (5) The sentence is grammatically correct.

28. (2) 'to' will be used in place of 'in' as preposition 'to' is used after 'junior, senior, inferior, superior, prior, anterior etc.
Ex. She is junior to me.

29. (1) 'what we should do' will be used in place of 'what should we do' as the sentence is 'affirmative' not interrogative.

30. (3) 'unless you' will be used in place of 'unless you do not' as clauses starting with 'unless/ until/ lest', 'not' is not used for making them 'negative'.
Ex. I cannot do anything for her unless she comes here.

31.(1)
I. $2x^2 - 9\sqrt{5}x + 50 = 0$
$2x^2 - 4\sqrt{5}x - 5\sqrt{5}x + 50 = 0$
$2x(x - 2\sqrt{5}) - 5\sqrt{5}(x - 2\sqrt{5}) = 0$
$(2x - 5\sqrt{5})(x - 2\sqrt{5}) = 0$
$x = 2\sqrt{5}, \dfrac{5\sqrt{5}}{2}$
II. $y^2 - 11\sqrt{3}y + 90 = 0$
$y^2 - 5\sqrt{3}y - 6\sqrt{3}y + 90 = 0$
$y(y - 5\sqrt{3}) - 6\sqrt{3}(y - 5\sqrt{3}) = 0$
$(y - 6\sqrt{3})(y - 5\sqrt{3}) = 0$
$y = 6\sqrt{3}, 5\sqrt{3}$
$y > x$

32.(3)
I. $25x^2 - 25x + 6 = 0$
$25x^2 - 10x - 15x + 6 = 0$
$5x(5x - 2) - 3(5x - 2) = 0$
$(5x - 3)(5x - 2) = 0$
$x = \dfrac{3}{5}, \dfrac{2}{5}$
II. $49y^2 - 49y + 12 = 0$
$49y^2 - 28y - 21y + 12 = 0$
$7y(7y - 4) - 3(7y - 4) = 0$
$(7y - 3)(7y - 4) = 0$
$y = \dfrac{3}{7}, \dfrac{4}{7}$
No relation can be established between x & y.

33.(4)
I. $9x^2 - 18x + 8 = 0$
$9x^2 - 6x - 12x + 8 = 0$
$3x(3x - 2) - 4(3x - 2) = 0$
$(3x - 4)(3x - 2) = 0$
$x = \dfrac{2}{3}, \dfrac{4}{3}$
II. $15y^2 + 4y - 4 = 0$
$15y^2 + 10y - 6y - 4 = 0$
$5y(3y + 2) - 2(3y + 2) = 0$
$(5y - 2)(3y + 2) = 0$
$y = \dfrac{2}{5}, -\dfrac{2}{3}$
$x > y$

34.(5)
$12x^2 - 45x + 42 = 0$
$12x^2 - 24x - 21x + 42 = 0$
$12x(x - 2) - 21(x - 2) = 0$
$(12x - 21)(x - 2) = 0$
$x = 2, \dfrac{7}{4}$
II. $8y^2 - 26y + 21 = 0$
$8y^2 - 14y - 12y + 21 = 0$
$2y(4y - 7) - 3(4y - 7) = 0$
$(2y - 3)(4y - 7) = 0$
$y = \dfrac{3}{2}, \dfrac{7}{4}$
$x \geq y$

35.(1)
$x^2 + 30x + 221 = 0$
$x^2 + 17x + 13x + 221 = 0$
$x(x + 17) + 13(x + 17) = 0$
$(x + 13)(x + 17) = 0$
$x = -13, -17$
II. $y^2 + 20y + 99 = 0$
$y^2 + 11y + 9y + 99 = 0$
$y(y + 11) + 9(y + 11) = 0$
$(y + 9)(y + 11) = 0$
$y = -9, -11$
$y > x$

36.(5) Let rate = r%
ATQ,
$\dfrac{20}{43} = \dfrac{P\left(1 + \dfrac{r}{100}\right) - P}{P\left(1 + \dfrac{r}{100}\right)^2 - P} = \dfrac{\dfrac{r}{100}}{\dfrac{r^2}{100^2} + \dfrac{r}{50}}$

$\Rightarrow \dfrac{20}{43} = \dfrac{\dfrac{1}{100}}{\dfrac{r + 200}{10000}}$

$\Rightarrow \dfrac{20}{43} = \dfrac{100}{r + 200}$

$\Rightarrow r = 15\%$

Alternate Method.
Let Rs. (43 – 20) = Rs. 23 amount
plus interest earn on Rs. 20
$\Rightarrow$ Rs. 3 interest earn on Rs. 20 $\Rightarrow$ Rate = 15%

ATQ,
$P + \dfrac{P \times 15 \times 4}{100} = 51,200$
$\Rightarrow 1.6P = 51,200$
$\Rightarrow P = 32,000$
Required Interest
$= 32,000\left[1 + \dfrac{15}{100}\right]^3 - 32,000$
$= 48,668 - 32,000$
$= 16,668$

37.(4) Let, the side of square = 2a
$\Rightarrow$ Diameter of circle = 2a
ATQ,
$4a^2 - \dfrac{22}{7} \times a \times a = 262.5$
$\Rightarrow \dfrac{28a^2 - 22a^2}{7} = 262.5$
$\Rightarrow 6a^2 = 262.5 \times 7$
$\Rightarrow a^2 = 306.25$
$\Rightarrow a = 17.5$ cm
Perimeter of circle $= 2 \times \dfrac{22}{7} \times a = 2 \times \dfrac{22}{7} \times 17.5 = 110$

Let, Breadth of rectangle = x
$\Rightarrow$ length of rectangle = 1.2x
ATQ,
$2(1.2x + x) = 110$
$\Rightarrow x = \dfrac{55}{2.2} = 25$
Required area $= 1.2 \times 25 \times 25 = 750$ cm^2

38.(2) Let, numbers in 5-digit number is a, b, c, d, e.
In order to get sum of 43, the combinations exist are
9, 9, 9, 9, 7 = 5 numbers
9, 9, 9, 8, 8 = 10 numbers
Total 15 numbers can be formed having sum 43.
For number which are divisible by 11 main condition is
(a + c + e) – (b + d) = 11 ...(i)
and (a + b + c + d + e) = 43 ...(ii)
On solving (i) and (ii)
a + c + e = 27, b + d = 16
a, c and e can be 9, 9, 9
while b, d can 7, 9 or 8, 8 or 9, 7 respectively
So, there are three numbers which are divisibly by 11
having sum 43 i.e., 97999, 99979, 98989.
Required probability $= \dfrac{3}{15} = \dfrac{1}{5}$

39.(3) Ratio of profit of A and B = 46 : (100 – 46)
= 46 : 54
= 23 : 27
$\dfrac{23}{27} = \dfrac{(P + 250) \times 4 + (P + 1250) \times 4 + (P + 2250) \times 4}{1.5P \times 3 + (1.5P + 500) \times 3 + (1.5P + 1000) \times 3 + (1.5P + 1500) \times 3}$
$\dfrac{23}{27} = \dfrac{12P + 1000 + 5000 + 9000}{18P + 1500 + 3000 + 4500}$
$\dfrac{23}{27} = \dfrac{12P + 15000}{18P + 9000}$
$\Rightarrow P = 2200$
Amount invested by B in 3rd quarter
= 1.5 × 2200 + 1000
= 3300 + 1000
= 4300

40.(1) Number of ways in which two vowels will came together
= 2 × 6! = 1440.

41.(2) Required difference
$= \left|\dfrac{37 + 6}{2} - \dfrac{48 + 30}{2}\right|$
$= |21.5 - 39|$
$= 17.5°C$

42.(4) Required percentage
$= \dfrac{35}{42} \times 100 = 83.33\%$

43.(1) Asked average
$= \dfrac{1}{4}(12 + 8 + 12 + 6) = 9.5°C$

44.(3) Difference of highest maximum and lowest minimum values = 48 – (-2) = 50°C

45.(5) Required ratio
$$= \frac{32 + 2 + 30 + 16}{46 + 18 + 46 + 35} = \frac{80}{145} = \frac{16}{29}$$

46. (2) $? = \sqrt[3]{5832} + \sqrt[3]{10648} = 18 + 22 = 40$

47. (5) $? = \frac{81 \times 5}{9 \times 0.9 \times 2}$
$? = 25$

48. (4) $3^? \times \frac{729}{243} = \frac{3^5 \times 81 \times 27}{243}$
$3^? = \frac{3^5 \times 3^4 \times 3^3}{3^6}$
$3^? = 3^{5+4+3-6} \Rightarrow 3^6$
$? = 6$

49. (4) $? = \frac{255 \times 272 \times 153}{102 \times 204 \times 85} = 6$

50. (5) $? = 286 - 45\%$ of 268
$= 286 - 120.6$
$? = 165.4$

51.(2) Let A, B, C and D can complete the work alone in a, b, c and d days respectively. Let 't' be the time in which the work is completed.
ATQ,
$\frac{20}{a} + \frac{12}{b} + \frac{t}{c} + \frac{t-15}{d} = 1$
and, $\frac{20}{a} = \frac{12}{b} = \frac{t}{c} = \frac{t-15}{d} = \frac{1}{4}$
$\Rightarrow$ a = 80 and b = 48
and, $\frac{1}{a} + \frac{1}{c} = \frac{1}{48}$
$\Rightarrow \frac{1}{c} = \frac{1}{48} - \frac{1}{80} = \frac{1}{120}$
$\Rightarrow$ c = 120
$\frac{t}{c} = \frac{1}{4} \Rightarrow$ t = 30
$\frac{t-15}{d} = \frac{1}{4} \Rightarrow$ d = 15 × 4 = 60
Required unit of the work in one day
$= \frac{1}{80} + \frac{1}{48} + \frac{1}{60}$
$= \frac{3 + 5 + 4}{240}$
$= \frac{12}{240} = \frac{1}{20}$
Required number of days = 20 days

52.(2) Let the number which is reversed is "10a+b"
If it is reversed then the number becomes "10b+a"
ATQ,
$10b + a - 10a - b = 5 \times 5.4$
$\Rightarrow 9b - 9a = 27$
$\Rightarrow b - a = 3$
Numbers can be 14, 25, 36, 47, 58 and 69 but all the five digits are multiple of 4
$\Rightarrow$ The number should be 36

53(1) Let initially strength = x
ATQ,
Total weight → 20x
When two persons include
Total weight = 22 (x + 2)
Weight of two persons included = 2x + 44
4 persons excluded weight
$= \frac{2x + 44}{2} = x + 22$
ATQ,
22 (x + 2) – (x + 22) = (x + 2 – 4) × 25
x = 18

54.(2) Let cost price per kg of rice = 100
Mark price per kg of rice = 150
Discounted price per kg of rice = $150 \times \frac{250}{300}$
= 125
Amount priced by customer = 500 × 125 = 62500
50 kg rice given free on 500 kg rice
Total cost price retailer has to bear if he weighs 20% less
$= \frac{550 \times 800}{1000} \times 100$
= 44,000
Profit % = $\frac{62500 - 44000}{44000} \times 100$
$= \frac{185}{440} \times 100$
$= 42\frac{1}{22}\%$

55.(1) Total number of ways = $^{64}C_3$ = 41664
Favorable ways = 2 × $^{32}C_2$ × $^{32}C_1$
= 2 × 496 × 32
= 31744
Required probability = $\frac{31744}{41664} = \frac{16}{21}$
($^{32}C_2 \times {}^{32}C_1$ is taken because if two are black, then one will be of white or if two are white, then one will be of black)

56. (4) Total profit on Grapes = 80 + 65 + 75 = 220
Total profit on Mango = 40 + 35 + 35 = 110
Required percentage = $\frac{220 - 110}{110} \times 100 = 100\%$

57. (3) Profit earned by X = 20 + 40 + 55 + 80 + 60 = 255
Profit earned by Z = 35 + 35 + 60 + 75 + 60 = 265
Required Ratio = $\frac{255}{265} = \frac{51}{53}$

58. (1) Profit earned by X = 6 × 55 = 330
Profit earned by Z = 240
Required percentage
$= \frac{330 - 240}{240} \times 100 = 37.5\%$

59. (5) S.P. per kg of Grape = $\frac{600}{5}$ = Rs. 120
C.P. of Grape = S.P. – Profit
= 120 – 65 = Rs. 55/kg.

60. (3) 25% of CP of apple = 75
100% of CP of apple = 300
14% of CP of mango = 35
100% of CP of mango = 250
Total CP of per kg Apple and per kg Mango = 300 + 250 = 550

61. (5) $? = 0.01 \times 0.1 - 0.001 \div 10 + 0.01$
$= 0.001 - 0.0001 + 0.01 = 0.0109$

62. (1) $(0.5)^3 \div (0.5)^{10} \times (0.5)^4 = (0.5)^{1+?}$
$(0.5)^{-7+4} = (0.5)^{1+?}$
$(0.5)^{-3} = (0.5)^{1+?}$
$1 + ? = -3$
$? = -4.$

63. (1) $\frac{30}{100} \times 450 + \frac{?}{100} \times 400 = \frac{90}{100} \times 500$
$? \times 4 = 450 - 135$
$? = \frac{315}{4} = 78.75$

64. (3) $\frac{?}{100} \times 6300 = 225 - \frac{44}{100} \times 225$
$? \times 63 = 225 - 11 \times 9$
$? = \frac{126}{63}$
$? = 2$

65. (3) $? = \left[\frac{30}{100} \times \left\{\left(\frac{80}{100} \times 850\right) \div 34\right\}\right]$
$? = \left[\frac{30}{100} \times \{680 \div 34\}\right].$
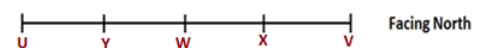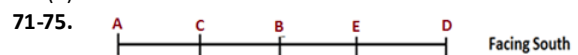$? = \left[\frac{30}{100} \times 20\right] = 6.$

66. (4) Only IV is true $\quad S \geq U > Q \geq R < P = O \geq T$

67. (2) Only II is true $\quad E < D < F > C \geq A = B$

68. (2) II is true $\quad O = R \leq M < N = P > I$

69. (3) Only III true $\quad P < A > S \leq M < T < Q = B$

70. (4) II are true $\quad H = K \leq N = F > G \leq J < I$

71-75.

71. (2) $\qquad$ **72. (4)**
73. (1) $\qquad$ **74. (3)** $\qquad$ **75. (5)**

76-80. Step1- From the given conditions, the female who like English lives on sixth number floor with J. H lives just below the floor on which J lives, who likes Hindi. Either the top floor or the bottom most floor is empty. So,

there will be two possibilities in which case1 ninth floor is empty and in case2 first floor is empty. A who likes English lives above to the K who is a female and likes the math. There is six floor between the one like English and K. There are five floors between E and L and E lives one of the floor above L who is a female and likes economics. L lives alone.

	Case 1	
FLOOR	PERSONS(+/-)	
9	EMPTY	EMPTY
8	A()-ENGLISH	E
7		
6	(F)-English	J-Hindi
5		H
4		
3		
2	L(F)-ECONOMICS	
1	K(F)-MATH	

	Case 2	
FLOOR	PERSONS(+/-)	
9	A()-ENGLISH	E
8		
7		
6	(F)-English	J-Hindi
5		H
4		
3	L(F)-ECONOMICS	
2	K(F)-MATH	
1	EMPTY	EMPTY

Step 2 :- As it is given that E does not live on floor number eight so possibility of case 1 eliminated. Proceeding with the rest of the statements given, 'There is two floors between the one who like the Hindi and the empty floor and the one who like Hindi lives below to the empty floor. There are two empty odd floors', So the floor no 7 is also empty.

"The two man likes English live on the same floor" and not more than three people likes the same subject so E is a male and likes English subject. C is a female who likes economics and share her floor with I who like math. F is a male person and lives immediate above the empty floor and like the Hindi. F lives with K.
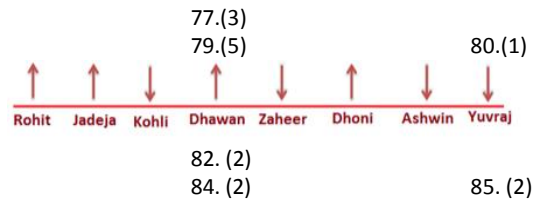
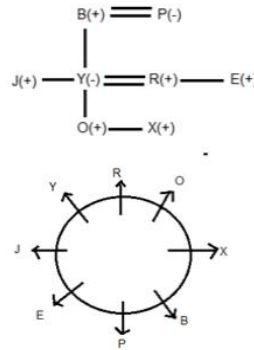|	Case 2	
FLOOR	PERSONS(+/-)	
9	A(M)-ENGLISH	E(M)-ENGLISH
8	C(F)-ECONOMICS	I()-MATH
7	EMPTY	EMPTY
6	(F)-English	J-Hindi
5		H
4	Hindi	
3	L(F)-ECONOMICS	
2	K(F)-MATH	F(M)-HINDI
1	EMPTY	EMPTY

Step 3 :- Now G share the floor with the person who likes Hindi and G likes math. "There is two people live between the male person who likes economics and the one who likes math and the person who likes economics live below the one who likes the math" so H is a male and likes Economics and lives alone as it is given that There are two floors on which a single man and a single woman are living on floors which is living between two floors which are occupied by two persons each. Two females do not share the same floor. each subject is like by at least one female person. So, Hindi on floor number four is liked by a female person. So we get our final solution.

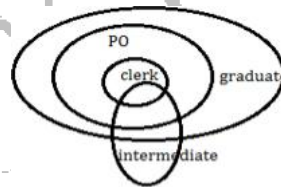| FLOOR	PERSONS(+/-)	
9	A(M)-English	E(M)-English
8	C(F)-Economics	I(M)-Math
7	EMPTY	EMPTY
6	B/D(F)-English	J(M)-Hindi
5		H(M)-Economics
4	B/D(F)-Hindi	G(M)-Math
3	L(F)-Economics	
2	K(F)-Math	F(M)-HINDI
1	EMPTY	EMPTY

76.(4)　　　77.(3)
78.(5)　　　79.(5)　　　80.(1)

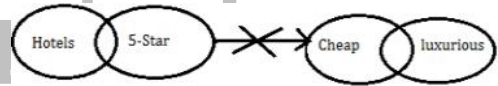**81-85.**

Rohit　Jadeja　Kohli　Dhawan　Zaheer　Dhoni　Ashwin　Yuvraj

81. (4)　　　82. (2)
83. (1)　　　84. (2)　　　85. (2)
86-90.

86.(3)　　　87.(1)
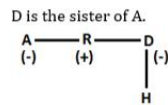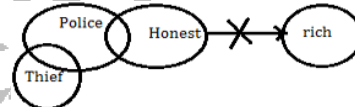88. (5)　　　89. (2)　　　90.(5)
91.(2)

92.(5)

93.(3)

94.(1)

95.(1)

D is the sister of A.

96-100.

Word	Code
Fight	st
Wrestle	pk
Kick	lp
Up	ks
Shin	ir
Knee	fu
Elbow	gt
Jab	gb
Choke/Armbar	xz/lo

96. (5)　　　97. (5)
98. (2)　　　99. (3)　　　100. (1)