

SBI Clerk Preliminary Grand Test –SCP-180337

HINTS & SOLUTIONS

ANSWER KEY

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

HINTS & SOLUTIONS

1. (3) According to fourth and fifth sentence of the paragraph "In this way, he spends his first few years in a wonderfully creative way, discovering all sorts of things that are new to him and this leads people to look back on childhood as a kind of lost paradise". With this sentence it can be inferred that Knowledge acquisition for the child is not a mere accumulative process. Therefore, option (c) is the correct choice.
2. (4) Refer to the last sentence of the paragraph, "This initiated a fantastic revolution in the whole of her mind, the depth and scope of which we find hard to appreciate without having experienced directly what it means to live without conceptual abstraction." Thus, option (d) becomes the, most suitable choice.
3. (2) Refer to the last paragraph. Option (a) is mentioned in the statement "water in a wide variety in different forms" and option (c) is mentioned in the statement "different experiences referred to one substance." For option (d) refer to the last sentence, "This initiated a fantastic revolution in the whole of her mind, the depth and scope of which we find hard to appreciate". Therefore, as only option (b) is not a necessary step to develop a concept, it becomes the correct answer choice.
4. (4) Option (d) is the correct choice. Refer to the second sentence of the first paragraph "In this way, he spends his first few years in a wonderfully creative way, discovering all sorts of things that are new to him and this leads people to look back on childhood as a kind of lost paradise." Creative engagements are not subversive however, it transcends the notion of security.
5. (4) Statement [I] consists error in it. To make the sentence error free replace "do" with "does". As, being the subject singular it will require the verb in its singular form. However, Both the other statements [II] and [III] are grammatically correct. Therefore, option (d) becomes the correct choice.
6. (5) *Accumulates* means gather together or acquire an increasing number or quantity of which is similar in meaning with '*acquire*'. Hence option (e) is the correct choice.
Scatter means throw in various random directions.
Diverge means (of a road, route, or line) separate from another route and go in a different direction
Derange means make (someone) insane.
Litter means rubbish such as paper, cans, and bottles left lying in an open or public place.
7. (4) *Evidently* means in a way that is clearly seen or understood; obviously. *Doubtless* means certainly; without doubt. Hence, they both are similar in meaning. *Improbably* means in an unexpected or unlikely manner. *Obscurely* means not discovered or known about; uncertain.
Vaguely means in a way that is uncertain, indefinite or unclear; roughly.
Impalpably means unable to be felt by touch.
8. (1) *Observant* means quick to notice or perceive things, while; *alert* means quick to notice any unusual and potentially dangerous or difficult circumstances; vigilant. Therefore, both are similar in meaning.
Heedless means showing a reckless lack of care or attention.
Oblivious means not aware of or concerned about what is happening around one.
Bemused means puzzle, confuse, or bewilder.
Unwary means not cautious of possible dangers or problems.
9. (3) *Paradise* means an ideal or idyllic place or state. *Abyss* means a deep or seemingly bottomless chasm. Hence, they both are opposite in meaning.
Utopia means an imagined place or state of things in which everything is perfect.
Bliss means perfect happiness; great joy.
10. (2) *Utilitarian* means designed to be useful or practical rather than attractive. *Quixotic* means extremely idealistic; unrealistic and impractical. Hence, they both are opposite in meaning.

- Functional* means of or having a special activity, purpose, or task.
Pragmatic means dealing with things sensibly and realistically in a way that is based on practical rather than theoretical considerations.
11. (2) Read the sentence carefully, it can be well verified that the given sentence is grammatically incorrect as there is an error in the highlighted part of the sentence which needs to be replaced by a correct and meaningful expression. Among the three options, the first and the third expressions provide a contextual meaning to the sentence. They both make sure that the sentence follows the correct grammar structure and the intended meaning of the sentence remains intact. However, the second expression is not befitting to the sentence as the phrasal verb “put up” cannot be used in this case. The verb “put up” means stay temporarily in accommodation other than one's own home. While the phrasal verb “put in” means to spend a particular amount of time doing something, or to make a particular amount of effort in order to do something. Hence option (b) is the correct choice.
12. (5) The expression “will be made mandatory” is the correct expression and it also adds a meaningful sense to the sentence. It is to be noted that the sentence is in Passive form and the expressions given as options do not fit into the sentence as they are both grammatically incorrect and contextually meaningless. Hence option (e) is the correct choice.
13. (1) The correct phrase to make the sentence grammatically correct is “While lowering the allocation of surface water”. It is to be noted that the conjunction ‘while’ connects the sentence appropriately as it means during the time that; at the same time as. Among the three options, only the first expression provides the correct structure that fits perfectly into the sentence. The other two cannot be used as they are not fitting to the correct grammar syntax. Hence option (a) is the correct choice.
14. (4) All the above expressions can be used to replace the existing phrase to make the sentence grammatically correct and logically meaningful. It is to be noted that the expression “preside over by one of the representative” is incorrect as it doesn't follow the correct grammar structure. It should be replaced by “presided over by one of the representatives” to make the sentence grammatically correct. The noun or a pronoun used after the phrase “one of the” is always in the plural form (as we are talking of one person/place/thing out of many). The phrasal verb “preside over” means to be in a position of power while important changes or events are happening. Thus, all the given expressions give the similar meaning to the sentence. Hence option (e) is the correct choice.
15. (5) The expression “would go a long way in negating apprehensions” is the correct expression and it also adds a meaningful sense to the sentence. The phrase “go a long way” means if you say that someone will go a long way, you think they will be successful in their life or career. The expressions given as options do not fit into the sentence as they are both grammatically incorrect and contextually meaningless. Hence option (e) is the correct choice.
16. (1) Option (a) is the correct choice. “dime dozen” means something is extremely common, inexpensive or available anywhere. Therefore, the correct idiom required here is ‘chip on your shoulder’ which means an ingrained feeling of resentment deriving from a sense of inferiority and sometimes marked by aggressive behaviour.
 piece of cake is often used to describe a situation that was easy, or required little effort.
 An arm and a leg phrase is used to refer something that is very expensive.
 Bread and butter means used in reference to something every day or ordinary.
17. (2) Option (b) is the correct choice. ‘On cloud nine’ means being extremely happy making the sentence contextually incorrect. ‘A sitting duck’ means a person or thing with no protection against an attack or other source of danger. Thus, it makes the sentence logical.
 Off base means mistaken; or relying on a mistaken premise.
 Spilling the beans means to reveal secret information unintentionally or indiscreetly.
 Scot-free means without suffering any punishment or injury.
18. (2) Option (b) is the correct choice. ‘at eleventh hour’ means the last moment or almost too late. Thus, the idiom given fails to make the sentence meaningful and logical. It should be replaced with the idiom ‘par for the course’ which means what is normal or expected in any given circumstances.
 Draconian law means measures which are extremely harsh or severe.
 Sword of Damocles means situation threatening imminent harm or disaster.
 Once in a blue moon means very rarely.
19. (4) Option (d) is the correct choice. The idiom “head over heels” means falling deeply in love with another person. Thus, it doesn't make the sentence comprehensible. However, “greased lightening” is an expression that's used to describe someone or something that is very fast. Therefore, the idiom “greased lightening” provides the correct context to the sentence.
 Hands down means anything that's easy or has no difficulty; something that is a certainty.
 Goody-two-shoes means a virtuous person.
 A man's straw means an intentionally misrepresented proposition that is set up because it is easier to defeat than an opponent's real argument.
20. (5) Option (e) is the correct choice, as the given idiom is contextually and grammatically correct. “on the ropes” means being in a rough situation that looks difficult to recover from.
 On the same page means thinking alike or understanding something in a similar way with others.
 Out of left field means something that's surprising or unexpected
 In the red means losing money or Being in debt.
 In a pickle means being in a difficult predicament; a mess; an undesirable situation.
21. (1) Option (a) is the correct choice. The theme of the paragraph is about human migration. Moreover, later in the paragraph the phrase “plenty of holes and dots” expresses a process by which something is discovered or learned through a concerted effort to collect clues,

- information, and facts. Thus, it indicates that the information on the story of human migration is very expansive and inexact. Therefore, with the above rationale option (a) becomes the most suitable answer choice. Brusque means abrupt or offhand in speech or manner. Unmistakable means not able to be mistaken for anything else; very distinctive.
22. (4) Option (d) is the correct choice. 'cunning' means having or showing skill in achieving one's ends by deceit or evasion. Thus, here the adjective 'cunning' used to describe 'passages' expresses that the path towards gathering more information on human migration is difficult to achieve as the conjunction adjoining the next phrase 'contrived corridors' is providing a hint of difficulties while gathering the information. Thus, option (d) is the most viable choice that aptly fits into the theme of the paragraph.
Coarse means rough or harsh in texture.
Gullible means easily persuaded to believe something; credulous.
Obtuse means annoyingly insensitive or slow to understand.
Aboveboard means legitimate, honest, and open.
23. (3) Option (c) is the correct choice. 'Navigate' is a verb which means to travel on a desired course after planning a route. Thus, the word next to the blank 'route' provides a hint for the blank. Here, 'navigate the routes' is referred to the process of designing and following the path of gathering data on human migration. All the other words do not fit into the blank aptly.
Devious means showing a skilful use of underhand tactics to achieve goals.
Artful means clever or skilful, especially in a crafty or cunning way.
Achievable means able to be brought about or reached successfully.
24. (1) Option (a) is the correct choice. 'String together' is an idiom which means to arrange something in string or series. Here, the paragraph is describing about several evidences, speculations and theories to properly study and link with one another. Thus, option (a) becomes the most viable choice.
Muse means a person or personified force who is the source of inspiration for a creative artist.
Abscond means leave hurriedly and secretly, typically to escape from custody or avoid arrest.
25. (4) Option (d) is the correct choice. 'conclusion' is a noun which means a judgement or decision reached by reasoning. Thus, it perfectly fits into the theme of the paragraph which is about the study of human migration. Discriminations means recognition and understanding of the difference between one thing and another.
Deviations means the action of departing from an established course or accepted standard.
Interpretations means the action of explaining the meaning of something.
Assumptions means a thing that is accepted as true or as certain to happen, without proof.
26. (5) Option (e) is the correct choice. "yonder" is a determiner which means that or those (used to refer to something situated at a distance). As it provides a logical meaning to the paragraph it becomes the most feasible answer choice.
- Fracture means break or cause to break.
Chasm means a deep fissure in the earth's surface.
Cleft means split, divided, or partially divided into two.
Schism means a split or division between strongly opposed sections or parties, caused by differences in opinion or belief.
27. (2) Option (b) is the correct choice. The precise preposition required here is 'across' which means from one side to the other of (a place, area, etc.); covering. All the other prepositions and adverbs do not justify the blank in an appropriate manner.
Beyond means at or to the further side of.
Over means extending directly upwards from.
28. (4) Option (d) is the correct choice. The initial part of the paragraph has already mentioned about the story of human migration. Thus, it provides a hint to choose the correct option from the given alternatives making option (d) i.e., 'migration' a correct choice. Rest of the options do not satisfy the theme of the paragraph.
Development means the process of developing or being developed.
Right means that which is morally correct, just, or honourable.
Resource means a source of help or information.
29. (2) Option (b) is the correct choice. 'Evidence' is a noun means the available body of facts or information indicating whether a belief or proposition is true or valid. Hence, option (b) i.e., evidence makes the paragraph coherent. All the other alternatives fail to fit into the blank.
30. (5) Option (e) is the correct answer. 'schlepped' is a verb which means to (of a person) go or move reluctantly or with effort. Thus, it completely provides sense to the paragraph making it a viable answer choice.
Celebrated means greatly admired; renowned.
Honored means regard with great respect.
Hesitated means pause in indecision before saying or doing something.
31. (4) Ratio of profit \Rightarrow

$$\begin{array}{l} A : B : C \\ 12 \times 12 : 12 \times x : 8 \times (12 - x) \\ 36 : 3x : 2(12 - x) \end{array}$$
 ATQ,

$$\frac{36}{60 + x} = \frac{1800}{3200}$$

$$\Rightarrow 60 + x = 64$$

$$\Rightarrow x = 4$$
 Ankit's monthly salary = $\frac{75}{100} \times 16000$

$$= 12000$$
 Required amount = $12000 \times \frac{60}{100} \times \frac{(35+25)}{100}$

$$= 4320$$
 Sum of Present age Ritu & Priya = $22 \times 2 = 44$
 Let,
 Ritu's age = x
 Priya's age = 44 - x
 ATQ,

$$\frac{44 - x + 8}{x + 8} = \frac{7}{8}$$

$$8(52 - x) = 7x + 56$$

$$\Rightarrow x = \frac{360}{15} = 24$$
 Required ratio = $\frac{24-2}{44-24-2} = \frac{22}{18} = \frac{11}{9}$

34. (1) Let SP of both article = 8x
ATQ,

$$\begin{array}{ccc} \text{Article 1} & \text{Article 2} & \\ \text{CP} & 6x & 4x \\ \text{SP} & 8x & 8x \end{array} \begin{array}{l} \times \frac{3}{4} \\ \times \frac{3}{4} \end{array} = \begin{array}{l} 10x \\ 16x \end{array}$$

$$\text{Profit \%} = \frac{16x-10x}{10x} \times 100 = 60\%$$

35. (5) Let Pipe A can fill the tank in x minutes
⇒ Pipe B can fill the tank in $x \times \frac{100}{150} = \frac{2x}{3}$

ATQ,
 $\frac{1}{x} + \frac{3}{2x} = \frac{1}{18}$
 $\Rightarrow \frac{5}{2x} = \frac{1}{18}$
 $\Rightarrow x = 45$

Capacity of tank = 45 × 6 = 270 l

36. (4) $2^? = \frac{32 \times 384 \times 216}{3^4 \times 2^5} = 1024$

$$2^? = 2^{10}$$

$$? = 10$$

37. (2) $\sqrt{18 \times 8 + 37.5\% \times 216 - ?} = \sqrt{1444} - \sqrt{529}$

$$\sqrt{144 + \frac{3}{8} \times 216 - ?} = 38 - 23$$

$$144 + 81 - ? = (15)^2 = 225$$

$$? = 225 - 225 = 0$$

38. (3) $\Rightarrow ? \times \frac{90}{100} = 126 + 396$

$$\Rightarrow ? = \frac{522}{9} \times 10 = 580$$

39. (5) $\frac{(14^2 - 8^2)}{?} \times (7^2 - 4^2) = ? \times 400$

$$\Rightarrow ?^2 = \frac{(14-8)(14+8) \times 3 \times (7+4)}{400}$$

$$\Rightarrow ?^2 = \frac{6 \times 22 \times 11 \times 3}{400} = \left(\frac{33}{10}\right)^2$$

$$? = 3.3$$

40. (4) $\frac{92}{11} \times \frac{121}{23} \times \frac{8}{?} = 22 + 66$

$$= \frac{352}{?} = 88$$

$$\Rightarrow ? = 4$$

41. (4) Pattern is

$$5 \times 1 + 2 = 7$$

$$7 \times 3 + 4 = 25$$

$$25 \times 5 + 6 = 131$$

$$131 \times 7 + 8 = 925$$

$$925 \times 9 + 10 = 8335$$

42. (1) Pattern is

$$\begin{array}{cccccc} 81 & 86 & 94 & 111 & 135 & 172 \\ \uparrow +5 & \uparrow +8 & \uparrow +17 & \uparrow +24 & \uparrow +37 & \\ 2^2+1 & 3^2-1 & 4^2+1 & 5^2-1 & 6^2+1 & \end{array}$$

43. (3) $\begin{array}{cccccc} 61 & 32 & 55 & 36 & 53 & 40 \\ \downarrow -29 & \downarrow +23 & \downarrow -19 & \downarrow +17 & \downarrow -13 & \end{array}$

44. (5) Pattern is

$$5 \times 0.5 + 3 = 5.5$$

$$5.5 \times 1 + 6 = 11.5$$

$$11.5 \times 2 + 12 = 35$$

$$35 \times 4 + 24 = 164$$

$$164 \times 8 + 48 = 1360$$

45. (4) Pattern is

$$\frac{1656}{3} - 3 = 549$$

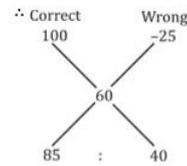
$$\frac{549}{3} - 3 = 180$$

$$\frac{180}{3} - 3 = 57$$

$$\frac{57}{3} - 3 = 16$$

46. (1) Marks scored for all correct answer = 100 × 1 = 100

Marks deducted for all wrong answer = 100 × (-1/4) = -25



⇒ 17: 8

∴ 25 → 100

1 → 4

17 → 68

Correct questions attempted = 68

47. (3) let length of train A = l_A m and length of train B = l_B m.

$$\therefore \frac{l_A + l_B}{80 - 65} = \frac{110}{3} \text{ sec.}$$

$$\Rightarrow l_A + l_B = \frac{110}{3} \times 15$$

$$\Rightarrow l_A + l_B = 550 \text{ m.}$$

Also,

$$\frac{l_A}{80 - 65} = 20$$

$$l_A = 300 \text{ m}$$

$$\therefore l_B = (550 - 300) = 250 \text{ m}$$

required ratio = 300 : 250 = 6 : 5

Price × Consumption = Expenditure

before → 5 × 6 = 30

after → 6 × 5 = 30

$$\% \text{ change in expenditure} = \frac{30-30}{30} \times 100 = 0\%$$

48. (2)

49. (4)

Let total savings be x.

$$\text{Saving invested in S.I} = \frac{3}{4}x$$

$$\text{Savings invested in C.I} = \frac{1}{4}x \times \frac{1}{2} = \frac{1}{8}x$$

$$\text{remaining savings kept invested} = \frac{x}{8} = 1500$$

$$\Rightarrow x = 12000$$

total money he had after 2yrs

$$= \frac{3}{4} \times 12000 \times \frac{50}{100} \times 2 + \frac{3}{4} \times 12000 + \frac{1}{8} \times 12000 \left(1 + \frac{8}{100}\right)^2 + 1500$$

$$= 3000 + 9000 + 1749.6 + 1500$$

$$= \text{Rs. } 15249.6$$

50. (5)

Total outcome = 2³ = 8

Favorable outcomes = {TTT, THT, TTH, HTH, HHT, HTT, THH}

$$\text{Required probability} = \frac{7}{8}$$

Alternate method

= 1 - probability of the three heads

$$= 1 - \frac{1}{8}$$

$$= \frac{7}{8}$$

Required Average =

$$\frac{2000 + 3500 + 4000 + 2000 + 4000}{5} = \frac{15500}{5} = 3100$$

51. (3)

52. (2)

Total number of students in school A and B together in 2017

$$= 4000 \times \frac{75}{100} + 2000 \times \frac{110}{100}$$

$$3000 + 2200 = 5200$$

$$\text{Required \%} = \frac{4000 - 1500}{1500} \times 100 = \frac{2500}{1500} \times 100 \approx 167.$$

53. (5)

54. (1)

Let no. of students in year 2011 of school A = x

ATQ,

$$x \times \frac{80}{100} = 1500$$

$$x = \frac{1500 \times 100}{80} = 1875$$

55. (5)

$$\text{Required ratio} = \frac{2000 + 3500}{4000 + 2000} = \frac{11}{12}$$

56. (4)

$$? = \frac{420 \times 24}{168} \times \frac{153}{204} = 45$$

Grand Test – SCP-180337



57. (2) $?^2 = \sqrt{55\% \times 480 + 580 \times 3 + 397}$
 $?^2 = \sqrt{264 + 1740 + 397}$
 $?^2 = \sqrt{2401} = 49$
 $? = 7$

58. (1) $? = \frac{352 \times 252}{616 \times 36} \times \frac{42}{100} \times 150$
 $= 252$

59. (3) $? \times 1.4 \times 8.4 = 6.3 \times 5.6 - 4.2^2$
 $? = \frac{6.3 \times 5.6 - 4.2 \times 4.2}{1.4 \times 8.4}$
 $? = 3 - 1.5 = 1.5$

60. (5) $\Rightarrow (5)^{1+?} = \frac{625}{125} \times \frac{3125}{125}$
 $\Rightarrow (5)^{1+?} = \frac{5^4}{5^3} \times \frac{5^5}{5^3} = 5^{4+5-3-3}$
 $\Rightarrow (5)^{1+?} = 5^3$
 $\Rightarrow 1 + ? = 3$
 $\Rightarrow ? = 2$

61. (4) Let C.P. of article be Rs. x
 ATQ,
 $(700 - x) = \frac{8}{7}(650 - x)$
 $4900 - 7x = 5200 - 8x$
 $x = 300$
 S.P to earn 25% profit
 $= 300 \times \frac{125}{100}$
 $= \text{Rs. } 375.$

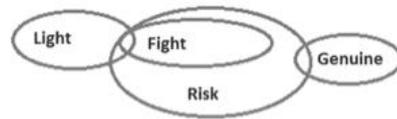
62. (2) Speed of Sita = $\frac{6000}{40} = 150$ words/min.
 Speed of Sita on next day
 $= 150 \times \frac{112}{100}$
 $= 168$ words/min
 Time taken to type essay next day
 $= \frac{6000}{168}$
 $= \frac{250}{7}$ min.

63. (1) Let number of days he worked = x, days for which he was idle be y and for days he was absent = z
 ATQ,
 $120x + 60y - 20z = 12000$
 $6x + 3y - z = 600$... (i)
 Also,
 $x + y + z = 210$... (ii)
 and,
 $z = \frac{20}{100}y$
 $\Rightarrow y = 5z$... (iii)
 From (i), (ii) and (iii)
 $z = 30$

64. (3) $\frac{A}{B} = \frac{150}{100} = \frac{3}{2}$
 $\Rightarrow A = \frac{3B}{2}$... (i)
 $\frac{A}{B+C} = \frac{40}{100} = \frac{2}{5}$... (ii)
 From (i) & (ii)
 $\frac{C}{B} = \frac{11}{4}$
 Efficiency of C with respect to B
 $= \frac{11 - 4}{4} \times 100 = 175\%$ more efficient than B

65. (1) Let two no's be x and y.
 $x^2 + y^2 = 628$... (i)
 ATQ,
 $x = \frac{6}{11}y$... (ii)
 from (i) and (ii)
 $y = 22$
 $x = 12.$

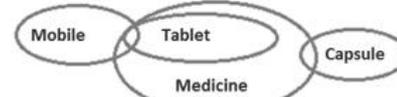
66. (3)



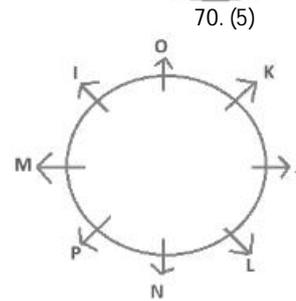
67. (4)



68. (3)



69. (1)



70. (5)

71-75.

71. (5)

72. (4)

73. (2)

74. (2)

75. (1)

76. (3) 9U@

77. (1) IQ3 ,OY9

78. (1) B

79. (3) \$UD

80. (4) #

81-85.

Months(days)↓/Dates→	2nd	19th
January (31)	E	C
June (30)	A	F
July (31)	D	G
September (30)	H	B

81. (3)

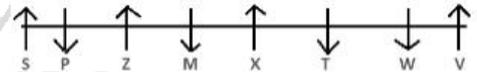
82. (2)

83. (1)

84. (2)

85. (5)

86-90.



86. (2)

87. (4)

88. (4)

89. (3)

90. (1)

Word	Code
Smart	wat/tit
Work	tit/wat
Always	tat
Good	min
Do	xon
Job	sat
Appreciate	jin
Person	lol
Great	zum

91. (5)

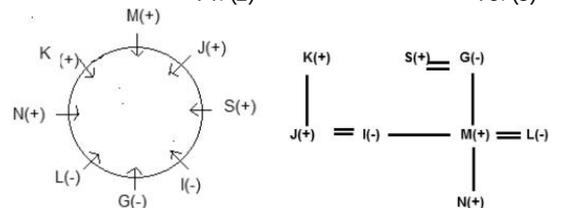
92. (2)

93. (3)

94. (2)

95. (3)

96-100.



96. (1)

97. (3)

98. (2)

99. (2)

100. (3)