

Sample Paper VI to VII Moving

Time: 2 Hours | Max. Marks: 100

घर के पास सफलता और संस्कार

- Answers are to be given in the separate **OMR** sheet.
- Don't break the seal unless you're instructed to do so. If the seal is broken before the scheduled time, penalty will be minus 10 marks.
- There are **100 questions** in this test paper. All questions are compulsory. Questions numbered **1 to 20** belong to **Science**, **21 to 35** pertain to **Mathematics**, **36 to 50** belong to **Social Science** and **50-100** are on **Mental Ability**.
- Please ensure that the question paper you have received contains all the questions in each section and pages. If you find any mistake like missing question or pages then contact the invigilator, immediately.
- Please follow the instructions given on the OMR sheet for marking the answers.
- Write your nine-digit registration number, allotted to you in the admit card, clearly on the test-booklet.
- Rough work can be done anywhere in the booklet but not on the OMR sheet /loose paper.
- Each **correct answer** will be awarded **one mark**.
- There is **no negative marking**.
- Please return, only the OMR sheet to the invigilator, after the test.
- Use black/blue ball point pen only provided in the examination hall.
- Write your registration number very clearly (only one digit in one block) on this booklet.
- Answer each question, by darkening the correct alternative among the four choices on the **OMR Sheet** as shown below.

Correct way:

Q.No.	Alternatives			
1	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

Wrong way:

Q.No.	Alternatives			
1	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>

- Since the time allotted for this question paper is very limited and all questions carry equal marks, you should make the best use of it by not spending too much time on one question. Time permitting, you can come back to the question, which you have left in the first instance and try them again.
- Use of whitener/white fluid, is strictly prohibited, on the OMR sheet, for changing the answer.

Note: Please turn over the page and start answering only after you are asked to do so.

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Scholastic Aptitude Test (SAT)

<p>01. The length of the outstretched arms is called (1) finger (2) cubit (3) fathom (4) pace</p> <p>02. Which letters of English alphabet will not show lateral inversion? (1) I, O, U (2) N, Z, X (3) I, X, E (4) A, E, I</p> <p>03. Out of these, which one is not a man-made luminous body? (1) Electric bulb (2) Burning candle (3) Firefly (Jugnu) (4) Oil lamp</p> <p>04. Which is an example of a translucent object? (1) A thin sheet of paper (2) A thin glass slab (3) A thin iron sheet (4) All of these</p> <p>05. Which is an example of a magnetic substance? (1) Iron (2) Nickel (3) Cobalt (4) All of these</p> <p>06. The act of determining, size, capacity or quantity of an object is called (1) units (2) measurement (3) pace (4) motion</p> <p>07. The distance of an object from one end to another is called (1) length (2) cubits (3) pace (4) metre</p>	<p>08. Separation of fibres of cotton from its seeds is known as (1) weaving (2) spinning (3) knitting (4) ginning</p> <p>09. Which is a natural fibre? (1) Silk (2) Nylon (3) Rayon (4) All of these</p> <p>10. Purpose of sorting material into groups is (1) to study their properties (2) convenience (3) both (1) and (2) (4) inconvenience</p> <p>11. Some fibres such as cotton, jute, silk and wool obtained from plants and animals are called: (1) synthetic fibres (2) natural fibres (3) silver (4) none of these</p> <p>12. The components of a solution (say sugar in water) can be separated by (1) filtration (2) evaporation (3) sedimentation (4) decantation</p> <p>13. An oily thin paper sheet will be (1) transparent (2) translucent (3) opaque (4) cannot be predicted</p>
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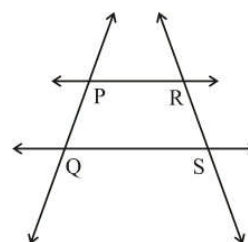
Space for rough work

14. Which object shines?
 (1) Plastic toy
 (2) Cotton shirt
 (3) Steel spoon
 (4) Stone piece
15. Which of the following are sources of fat?
 (1) Oil, ghee and butter
 (2) Eggs
 (3) Rice, wheat and potato
 (4) Iron and calcium
16. A balanced diet has
 (1) Vegetarian and non-vegetarian dishes
 (2) Salty and sweet dishes
 (3) Carbohydrates, fats and proteins
 (4) All nutrients, water and roughage
17. During photosynthesis which gas is released?
 (1) Carbon dioxide
 (2) Hydrogen
 (3) Nitrogen
 (4) Oxygen
18. Pulses are a good source of:
 (1) Carbohydrates
 (2) Fats
 (3) Proteins
 (4) Vitamins
19. The common animals found on mountains are
 (1) Goat and tiger
 (2) Yak and dog
 (3) Goat and Yak
 (4) Dog and horse
20. Which one is a abiotic factor of environment
 (1) Decomposer (2) Producer
 (3) Consumer (4) Air

21. On estimation 19×78 is
 (1) 1400 (2) 1600
 (3) 1500 (4) 1450
22. What will be the cost of 2 kg of papaya and 1 kg of oranges?

Fruits	Price/kg
Apples	₹40
Oranges	₹30
Grapes	₹20
Papaya	₹30
Guava	₹20

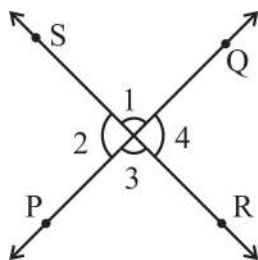
- (1) ₹100 (2) ₹80
 (3) ₹90 (4) ₹70
23. The multiplicative identity element of 20 is
 (1) 1 (2) 0 (3) -1 (4) 2
24. Number 10824 is divisible by
 (1) Divisible by 11
 (2) Divisible by 3, 11
 (3) Divisible by 2, 3, 4, 6, 9, 11
 (4) Divisible by 2, 3, 4, 6, 11
25. How many line segments are in the given figure?



- (1) 4 (2) 3 (3) 2 (4) 1
26. If the radius of a circle is 7 cm, then the circumference of that circle is
 (1) 22 cm (2) 44 cm
 (3) 44 m (4) 44 dm

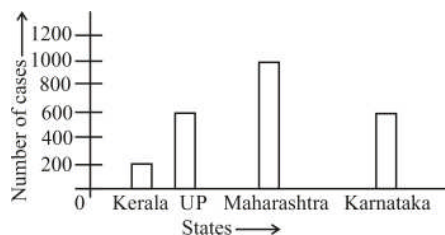
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27. In the given figure what is the relation between $\angle 1$ and $\angle 3$?



- (1) Alternate interior angles
 - (2) Corresponding angles
 - (3) vertically opposite angles
 - (4) Co-interior angles
28. What happens when we add positive and a negative integer?
- (1) We add the numbers and put the sign of the bigger number
 - (2) We subtract the numbers and put the sign of the smaller number
 - (3) We subtract the numbers and put the sign of the any number
 - (4) We subtract the number and put the sign of the bigger number
29. The teacher taught $\frac{3}{5}$ th of the book, Mahesh revised $\frac{1}{5}$ th more on his own. How much does he still have to revise?
- (1) $\frac{1}{20}$ (2) $\frac{2}{30}$ (3) $\frac{3}{40}$ (4) $\frac{1}{5}$
30. $14.7 + 13.21 - 10.02 - 8.4 =$
- (1) 2.7 (2) 8.42
(3) 9.49 (4) 9.93

31. The following bar graph represents the number of cases reported with Swine Flu in different states. The ratio of the 'least affected' to the 'most affected' state is



- (1) 1 : 2 (2) 1 : 5
 - (3) 2 : 3 (4) 2 : 5
32. Find the side of a square whose perimeter is 40 m.
- (1) 20 m (2) 10 m
 - (3) 100 m (4) None of these
33. Simplify : $3y^4 + [2y^2 - \{-y^2 + y - 3\} - 2]$
- (1) $3y^4 - 3y^2 - y + 1$
 - (2) $3y^4 + 3y^2 - y + 1$
 - (3) $3y^4 + 3y^2 + y - 1$
 - (4) $3y^4 + 3y^2 + y + 1$
34. The ratio of the length of a school ground to its width is 5 : 2. Find the length of the ground, if width of the ground is 50 m.
- (1) 90 m (2) 125 m
 - (3) 20 m (4) 75 m
35. A straight line intersecting the circle at two end points is called a _____.
- (1) Secant (2) Sector
 - (3) Chord (4) Segment
36. The movement of the earth around the sun is known as
- (1) Rotation
 - (2) Revolution
 - (3) Inclination
 - (4) Evolution

Space for rough work

- | | |
|---|---|
| <p>37. Direct rays of the sun fall on the equator on
 (1) 21 March (2) 21 June
 (3) 22 December (4) 22 June</p> <p>38. Christmas is celebrated in summer in
 (1) Japan
 (2) India
 (3) Australia
 (4) Russia</p> <p>39. Movement of the earth on its axis is called?
 (1) Revolution
 (2) Rotation
 (3) Orbit
 (4) Orbital Plane</p> <p>40. The axis of the earth is an imaginary line, which makes an angle of ----- with its orbital plane.
 (1) $66\frac{1}{2}^{\circ}$ (2) $23\frac{1}{2}^{\circ}$
 (3) $24\frac{1}{2}^{\circ}$ (4) $67\frac{1}{2}^{\circ}$</p> <p>41. Which is the closest planet to the Sun
 (1) Earth (2) Venus
 (3) Mars (4) Mercury</p> <p>42. The Arctic Circle is located in the
 (1) Western hemisphere
 (2) Southern hemisphere
 (3) Northern hemisphere
 (4) Eastern hemisphere</p> <p>43. Describe the shape of the Earth?
 (1) A sphere which bulges at the poles and flattens at the centre
 (2) A sphere which flattens at the poles and bulges at the centre
 (3) A sphere which bulges at the poles and at the centre
 (4) A perfect sphere</p> | <p>44. IST stands for
 (1) Internal Specific Time
 (2) Internal Standard Temperate
 (3) Indian Standard Time
 (4) Indian Specific Time</p> <p>45. The tropic of cancer and tropic of Capricorn are of
 (1) Equal length
 (2) Capricorn is shorter than the Cancer
 (3) Capricorn is bigger than the Cancer
 (4) None of these</p> <p>46. The world famous stories called Panchatantra were written by
 (1) Kalidasa (2) Vishnu sharma
 (3) Bansena (4) Harisena</p> <p>47. The Village Panchayat is elected for
 (1) 5 years
 (2) 10 years
 (3) 15 years
 (4) 8 years</p> <p>48. _____ is responsible to conduct the elections of the Panchayats.
 (1) The State Election Commission
 (2) Chief Election Commissioner
 (3) Prime Minister
 (4) President</p> <p>49. _____ called the untouchables the Harijans.
 (1) Mahatma Gandhi
 (2) Rajiv Gandhi
 (3) A.O. Hume.
 (4) Swami Vivekananda</p> <p>50. The Constitution of India has guaranteed _____ Fundamental Rights.
 (1) 5 (2) 6
 (3) 4 (4) 10</p> |
|---|---|

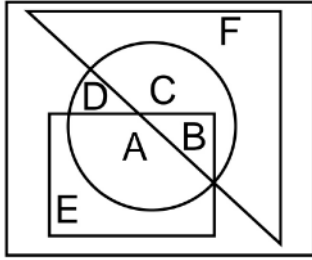
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Mental Ability Test (MAT)

<p>51. How many '6's are there in the following sequence which are followed by 3 and preceded by 8? 7 4 8 6 3 2 7 1 8 6 8 9 8 1 3 6 8 9 7 8 6 3 1 3 6 8 4 3 2 3</p> <p>(1) 2 (2) 3 (3) 4 (4) 5</p> <p>52. B is Father of 'C', but 'C' is not son of 'B'. What is the relation of 'C' to 'B' ?</p> <p>(1) Father (2) Mother (3) Daughter (4) Niece</p> <p>53. Pointing towards Mohan, 'Ram' says 'He is the son of the only daughter of my grandfather'. How is 'Ram' related to 'Mohan' ?</p> <p>(1) Uncle (2) Father (3) Brother (4) Son</p> <p>54. Mohammad walks 15 meters towards the west, then turns to the right and walks 15 meters. Now he turns towards left and walks 10 meters, then again turns towards left and walks 15 meters. Finally he turns to the left and walks 45 meters and stops. What is the distance between this position and starting point and in which direction from the starting point he is ?</p> <p>(1) 20 meters East (2) 25 meters East (3) 20 Meters West (4) 30 Meters East</p> <p>55. Starting from point 'P', Raj walked 30 m towards South. He then turned left and walked 40 m. He then turned left and walked 30 m. He again turned left and walked 50 m and reached point Q. How far and in which direction is Point Q from P ?</p> <p>(1) 20 meter West (2) 10 meter East (3) 10 meter West (4) 10 meter North</p>	<p>Direction(56-58): In these questions select the related number from the given options.</p> <p>56. $9 : 80 :: 100 : ?$</p> <p>(1) 901 (2) 1009 (3) 9889 (4) 9999</p> <p>57. $2 : 3 :: 23 : ?$</p> <p>(1) 25 (2) 28 (3) 46 (4) 29</p> <p>58. $2 : 12 :: 8 : ?$</p> <p>(1) 18 (2) 128 (3) 396 (4) 576</p> <p>Directions (59-61): In each of the following questions four words have been given each of which three are alike in some manner and the fourth one is different. Choose out the odd one.</p> <p>59. (1) Apple (2) Mango (3) Watermelon (4) Guava</p> <p>60. (1) Microscope (2) Telescope (3) Periscope (4) Stethoscope</p> <p>61. (1) Commander (2) Commodore (3) Brigadier (4) Admiral</p> <p>62. A man is facing north-west. He turns 90° in the clockwise direction and then 135° in the anticlockwise direction. Which direction is he facing now?</p> <p>(1) East (2) West (3) North (4) South</p>
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Space for rough work

63. Which one of the following statements is correct with regard to the given figure?



- (1) A and B are in all the three shapes
 (2) E, A, B, C are in all the three shapes
 (3) F, C, D, B, A are in all the three shapes
 (4) Only B is in all the three shapes
64. Arrange the following given names in the appropriate order based on the English dictionary (telephone directory) and select the correct order.
- (a) Avdesh
 (b) Avadhesh
 (c) Awadesh
 (d) Awadhesh
- (1) b,c,d,a (2) b,a,c,d
 (3) a,b,c,d (4) b,a,d,c

Directions (65 to 66): are based on the following alphabet series.

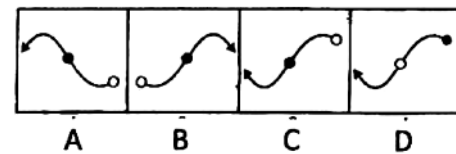
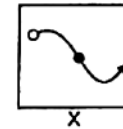
A B C D E F G H I J K L M N O P Q R S T U V W
 X Y Z

65. Which letter is exactly midway between H and S in the given alphabet series?
- (1) L
 (2) M
 (3) N
 (4) No such letter
66. Which letter is midway between the 3rd letter from the left and 12th letter from the right?
- (1) L (2) M (3) I (4) O

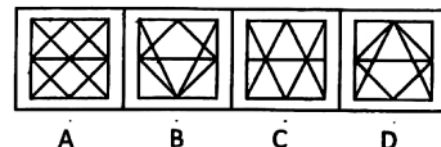
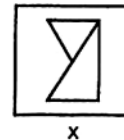
67. How many triangles does the given figure have?



- (1) 12 (2) 16
 (3) 18 (4) 20
68. Choose the correct mirror-image of the figure (x) from amongst the four alternatives A,B,C and D.



- (1) A (2) B
 (3) C (4) D
69. You are given a figure (x) followed by four figures A, B, C and D such that (x) is embedded in one of them. Trace out the correct alternatives.



- (1) A (2) B
 (3) C (4) D

Space for rough work

70. The reflex angle between the hands of a clock at 10 : 25 is

- (1) 180° (2) $192\frac{1}{2}^\circ$
(3) 195° (4) $197\frac{1}{2}^\circ$

71. Choose the pair that best represents a similar relationship to the expressed in the original pair or words-

MONK : DEVOTION

- (1) Maniac : Pacifism
(2) Explorer : Contentment
(3) Visionary : Complacency
(4) Rover : Wanderlust

72. What was the day of the week on 28th March, 2006?

- (1) Thursday (2) Friday
(3) Tuesday (4) Sunday

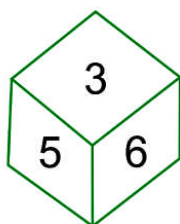
73. Which of the following is not a leap year?

- (1) 700 (2) 1600
(3) 1200 (4) 2400

74. In every 60 minutes, the minute hand gains ----- minutes on the hour hand

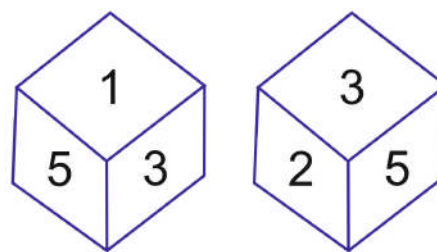
- (1) 53 (2) 54
(3) 55 (4) 56

75. Which number is in the opposite plane of 3?



- (1) 2 (2) 4
(3) 1 (4) None

76. Which number is in the opposite plane of 2?



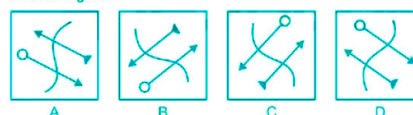
- (1) 1 (2) 4
(3) 6 (4) 2

Direction (77-78): Choose the correct mirror image which closely resembles the mirror image of the given image.

77. Problem Figure



Answer Figures



- (1) A (2) B
(3) C (4) D

78. What is the horizontal mirror image of REST?



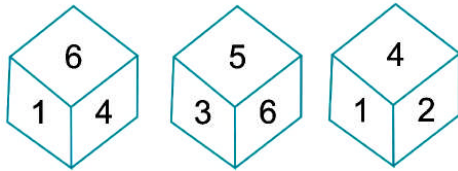
- (1) B (2) D
(3) A (4) C

79. What will be the water image of 4 hours 44 minutes?

- (1) 7 hours 16 minutes
(2) 2 hours 46 minutes
(3) 3 hours 36 minutes
(4) 5 hours 16 minutes

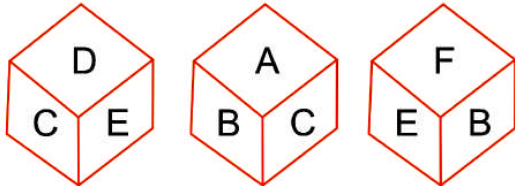
Space for rough work

80. If number 2 is at the bottom, then which number is on top?



- (1) 5 (2) 3
(3) 1 (4) 6

81. Which number is in front of C?



- (1) B (2) F
(3) D (4) E

82. Introducing a man, a woman said, "His wife is the only daughter of my mother". How is the woman related to that man?

- (1) Aunt
(2) Wife
(3) Mother-in-law
(4) Maternal Aunt

Direction(83-84): In each of the following questions, choose one word which can be formed from the letters of the given word.

83. EXAMINATION

- (1) GUITAR
(2) AGMARK
(3) TAME
(4) MAGIC

84. MEASUREMENT

- (1) MASTER (2) MANTLE
(3) SUMMIT (4) ASSURE

85. Following question are based on the general English alphabet:

ABCDEFGHIJKLMNOPQRSTUVWXYZ

Which letter will be 3rd to the right of 7th letter from the left end in the above series?

- (1) J
(2) M
(3) F
(4) O

Direction (111-114): In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

86.

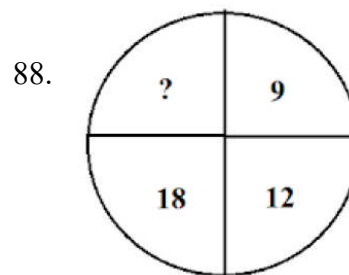
4	16
?	64

- (1) 16 (2) 52
(3) 256 (4) 112

87.

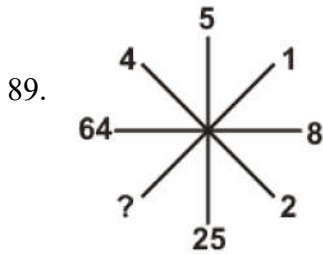
8	3	21
6	5	25
12	2	?

- (1) 19 (2) 24
(3) 22 (4) 20



- (1) 11 (2) 25
(3) 10 (4) 27

Space for rough work



- (1) 1 (2) 2 (3) 3 (4) 4
90. In a certain code, MENTION is written as LNEITNO. How is PATTERN written in that code?
- (1) APTTREM
(2) PTAETNR
(3) OTAETNR
(4) OTAETRN
91. In a certain code language, the word NUMBER is written 'SFCNVO'. How will the word 'SECOND' be written in that language?
- (1) EPOEGH
(2) EOPDFT
(3) OPETFD
(4) TEFDPQE
92. If PAINT is code as 74128 and EXCEL is coded as 93596, then would you code ACCEPT?
- (1) 455978
(2) 547978
(3) 554978
(4) 735961
93. In a certain code, if SCHOOL is coded as 123445, TEAM as 6078, how is HOTEL coded in that code?
- (1) 34785 (2) 60734
(3) 43605 (4) 34605
94. Which number would replace question mark in the series 7, 12, 19, ?, 39
- (1) 29 (2) 28 (3) 26 (4) 24

95. Which fraction comes next in the sequence $\frac{1}{2}$, $\frac{3}{4}$, $\frac{5}{8}$, $\frac{7}{16}$?
- (1) $\frac{9}{32}$ (2) $\frac{10}{17}$
(3) $\frac{11}{34}$ (4) $\frac{12}{35}$
96. Find the missing number in the given series:
9, 11, 20, 31, _____ 82.
- (1) 41 (2) 60
(3) 51 (4) 71
- Direction(97-98):** study the following number series to answer the given question.
- 2, 6, 7, 5, 4, 3, 7, 4, 8, 9, 4, 3, 2, 5, 4, 7, 9, 8, 6, 8, 7, 1, 2, 5, 3, 7, 6, 8, 9, 3, 6.
97. How many 7s are there in the series which are immediately preceded by an even number and immediately followed by an odd number?
- (1) 2 (2) 4
(3) 3 (4) 5
98. How many such numbers are there in the series which are immediately followed by its multiple?
- (1) 3 (2) 4
(3) 5 (4) 1
99. Which of the following will not be number of the series 1, 8, 27, 64, 125, _____
- (1) 256 (2) 512
(3) 729 (4) 1000
100. Which term comes next in the series?
YEB, WFD, UHG, SKI,.....
- (1) QGL
(2) TOL
(3) QOL
(4) QNL

Space for rough work



**सिर्फ तैयारी के लिए ज़िन्दगी नहीं
ज़िन्दगी के लिए तैयारी**

घर के पास सफलता और संस्कार

Batch: VI to VII Moving

ANSWER KEY

01.	(3)	02.	(1)	03.	(3)	04.	(1)	05.	(4)	06.	(2)	07.	(1)
08.	(4)	09.	(1)	10.	(3)	11.	(2)	12.	(2)	13.	(2)	14.	(3)
15.	(1)	16.	(4)	17.	(4)	18.	(3)	19.	(3)	20.	(4)	21.	(2)
22.	(3)	23.	(1)	24.	(4)	25.	(1)	26.	(2)	27.	(3)	28.	(4)
29.	(4)	30.	(3)	31.	(2)	32.	(2)	33.	(2)	34.	(2)	35.	(1)
36.	(2)	37.	(1)	38.	(3)	39.	(2)	40.	(1)	41.	(4)	42.	(3)
43.	(2)	44.	(3)	45.	(1)	46.	(2)	47.	(1)	48.	(1)	49.	(1)
50.	(2)	51.	(1)	52.	(3)	53.	(3)	54.	(1)	55.	(3)	56.	(4)
57.	(4)	58.	(4)	59.	(3)	60.	(4)	61.	(1)	62.	(2)	63.	(4)
64.	(2)	65.	(4)	66.	(3)	67.	(3)	68.	(3)	69.	(3)	70.	(4)
71.	(4)	72.	(3)	73.	(1)	74.	(3)	75.	(2)	76.	(1)	77.	(2)
78.	(4)	79.	(2)	80.	(4)	81.	(2)	82.	(2)	83.	(3)	84.	(1)
85.	(1)	86.	(1)	87.	(3)	88.	(4)	89.	(1)	90.	(3)	91.	(2)
92.	(1)	93.	(4)	94.	(2)	95.	(1)	96.	(3)	97.	(3)	98.	(2)
99.	(1)	100.	(3)										

For any correction or query related to answer key, contact +91 81262 61333