SSC CGL 2019
SURE SHOT MEMORY BASED MOCK TEST

1. Four sets of numbers are given out of which three are alike in a certain way and one is different. Select the set of numbers that is different from the rest.

   (a) 16 – 20 – 28   (b) 28 – 35 – 49

   (c) 52 – 65 – 91   (d) 51 – 85 – 119

Ans: (d)

2. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

   56 : 84 :: 82 : 123 :: 96 : ?

   (a) 164   (b) 144

   (c) 184   (d) 192

Ans: (b)

3. In a certain code language, I is written as G, T as Q, M as C, A as Y, E as D and D as A. How will IMMEDIATE be written in that code?

   (a) GDDCAYQGD   (b) GCCDAYGQD

   (c) GCCDAGYQD   (d) GCCDGAYQD

Ans: (c)

4. Which of the given options would be a logical sequence of the following places when arranged in a Horizontal manner starting from West going towards East on India's Map?

   1. Jodhpur   2. Gwalior
   3. Patna   4. Aizawl
   5. Allahabad

   (a) 12534   (b) 43521

   (c) 12354   (d) 15234

Ans: (a)

5. In each of the questions below are given some statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts.

   Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:
All cans are fans.
No fan is a trick.
All picks are cans.

Conclusions:
I. Some tricks are cans.
II. No pick is a trick.

   (a) If only Conclusion I follows.
   (b) If only Conclusion II follows.
   (c) If either Conclusion I or II follows.
   (d) If neither Conclusion I nor II follows.

Ans: (b)

6. Select the option that is related to the third term in the same way as the second term is related to the first term.

   SPORTS : 214 :: SOCIAL : ?

   (a) 118   (b) 116

   (c) 117   (d) 115

Ans: (a)

7. Four pairs of numbers have been given, out of which three are alike in some manner, while one is different. Choose out the odd one.

   (a) 19, 39   (b) 25, 53

   (c) 68, 137   (d) 37, 75

Ans: (b)

8. Select the number that can replace the question mark (?) in the following series.
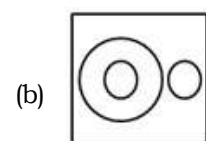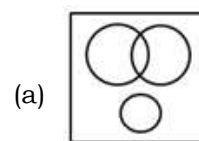
   1, 1, 2, 3, 7, 22, ?

   (a) 152   (b) 155

   (c) 154   (d) 153

Ans: (b)

9. Select the Venn diagram that best represents the relationship between the following classes.

   Cows, Wild animals, Fox

   (a)   (b)

(c)   (d)

Ans: (b)

10. If A indicates >; B indicates <; C indicates =; D indicates +; E indicates –; F indicates ×; G indicates ÷; then which of the following options is true?

    (a) (27G3)C(75G5)C(6F2)
    (b) (35E15)C(5F5)A(20G4)
    (c) (5D6)A(6D12)A(13D6)
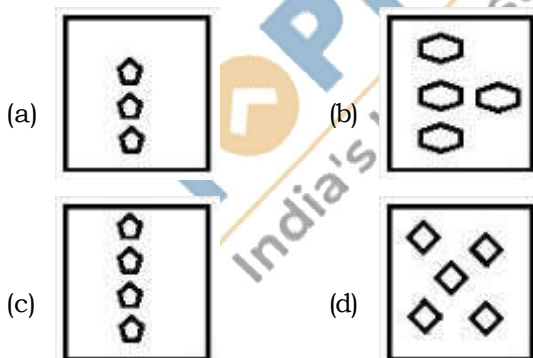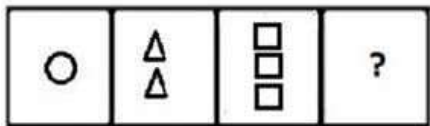   (d) (5D6)A(4D3)A(3D3)

Ans: (d)

11. Four letter-cluster have been given out of which three are alike in some manner, while one is different. Choose the odd one.

    (a) dEefFF   (b) mnNoOO
    (c) uvVwWW   (d) pqQrRR

Ans: (a)

12. Select the figure that will come next in the following figure series.

(a)   (b)

(c)   (d)

Ans: (c)

13. Four words have been given out of which three are alike in some manner, while one is different. Choose the odd one.

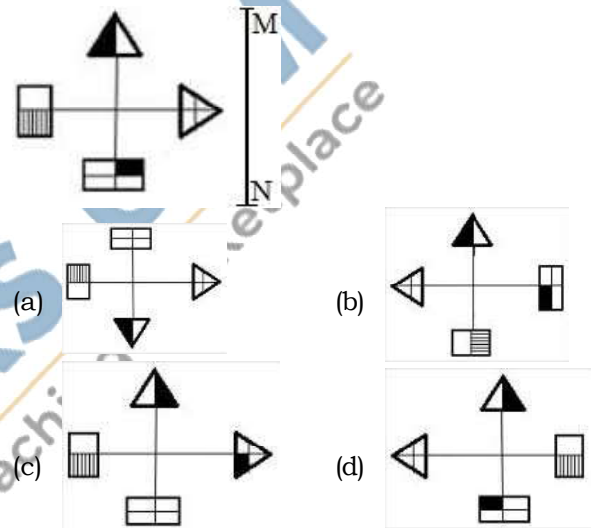   (a) Steel   (b) Tin
    (c) Aluminium   (d) Zinc

Ans: (a)

14. In a certain code language, 'PAYCHECK' is written as 'YHQZFXMV' and 'TEACH' is written as 'NXHZF'. How will 'YACHT' be written as in that language?

    (a) QHZFN   (b) QXZFN
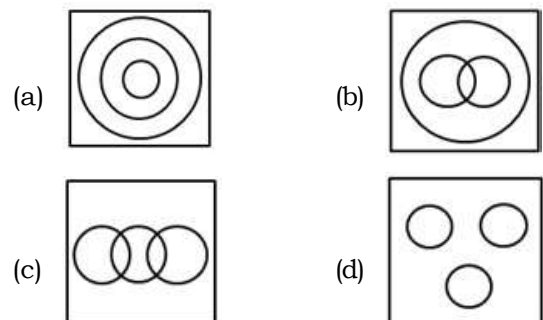   (c) QXZNF   (d) YHZF

Ans: (a)

15. Select the option that most closely resembles the image of the given figure, when the mirror is placed to right side of the figure.

(a)   (b)

(c)   (d)

Ans: (d)

16. Select the Venn diagram that best represents the relationship between the following classes.

    Days, Hours, Weeks

(a)   (b)

(c)   (d)

Ans: (a)

17. Pointing a girl in a album Radha says she is the only niece of my only sibling and granddaughter of my husband's mother-in-law. How is Radha related to that girl?

    (a) Mother   (b) Aunty
    (c) Sister   (d) Grandmother

Ans: (a)

18. DIRECTIONS: Select the related letters from the given alternatives.

LOM : NMK :: PKI : ?

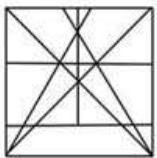(a) RIH   (b) SHG

(c) RIG   (d) RHG

Ans: (c)

19. Words of pairs having some relation. Find out the same relation in another words.
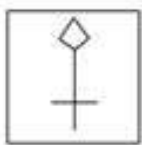
Acting : Theatre :: Gambling : ?

(a) Casino   (b) Club

(c) Bar   (d) Gym

Ans: (a)

20. From the given figures I, II, III and IV, select the figure which is embedded in the given figure (x).
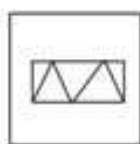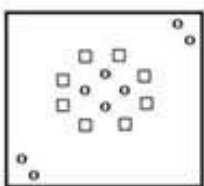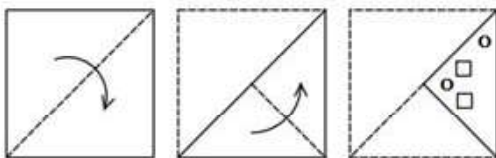

(x)

(a)   (b)   (c)   (d)

Ans: (c)

21. A sheet of paper has been folded and punched as shown. How will it appear when opened?
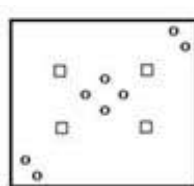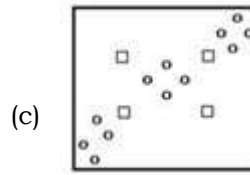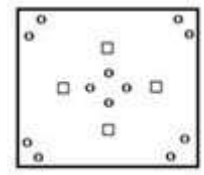
(a)   (b)   (c)   (d)

Ans: (a)

22. In each of the following questions, select the figure from 4 option figures, which when replaced in the blank space will complete the pattern.
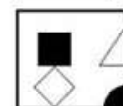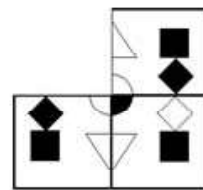
(a) A   (b) B

(c) C   (d) D

Ans: (a)

23. DIRECTIONS: From the given responses, find the missing letter in the series.

AZE, FXF, KVG, PTH, ?,

(a) URF   (b) URH

(c) URI   (d) URN

Ans: (c)

24. If "+" denotes "divided by", "×" denotes "added to", "÷" denotes "subtracted from" and "−" denotes "multiplied by", then

54 + 162 − 18 × 12 ÷ 6 = ?

(a) 4   (b) 16

(c) 12   (d) 18

Ans: (c)

25. Arrange the following words in a logical and meaningful order.

1. Promotion   2. Application
3. Job appointment   4. Written test
5. Merit list

(a) 2, 5, 4, 3, 1   (b) 3, 2, 4, 1, 5

(c) 4, 2, 5, 3, 1   (d) 2, 4, 5, 3, 1

Ans: (a)

26. In whose court did Thomas Roe came?
    (a) Shahjahan   (b) Jahangir
    (c) Akbar   (d) Bahadur shah zafar II

Ans: (b)

27. Which of the book is not written by salman rushdie ?
    (a) Era of darkness
    (b) Midnight's Children
    (c) The Satanic Verses
    (d) Haroun and the Sea of Stories

Ans: (a)

28. Where is thoothukudi located?
    (a) Kerala   (b) Mizoram
    (c) Andhra Pradesh   (d) Tamil Nadu

Ans: (d)

29. Which of the following is a human bone?
    (a) Annelid   (b) Scapula
    (c) Odocoileus   (d) Ictalurus

Ans: (b)

30. Where is Hampi located?
    (a) Karnataka   (b) Kerala
    (c) Uttar pradesh   (d) Bihar

Ans: (a)

31. Who built Sanchi stupa ?
    (a) Akbar
    (b) Ashoka
    (c) Chandragupta maurya
    (d) Prithviraj chauhan

Ans: (b)

32. Who got Sahitya Akademi Award in 2019?
    (a) Anees Salim   (b) Amit Chaudhuri
    (c) Adil Jussawalla (d) Shashi Tharoor

Ans: (d)

33. Who is the current President of Sri Lanka?
    (a) Gotabaya Rajapaksa
    (b) Maithripala Sirisena
    (c) Mahinda Rajapaksa
    (d) Chandrika Bandaranaike Kumaratunga

Ans: (a)

34. _____ becomes first batsman to score double hundred in four consecutive Test series.
    (a) Rahul dravid   (b) Virat Kohli
    (c) Sachin Tendulkar (d) Rohit sharma

Ans: (b)

35. Where is headquarters of WFO (World food organization)?
    (a) london   (b) Rome
    (c) Italy   (d) Geneba

Ans: (b)

36. How much GST on lottery authorised by state government ?
    (a) 28%   (b) 27%
    (c) 32%   (d) 23%

Ans: (a)

37. The scientific study of dogs is called _____.
    (a) Cynology   (b) Anthropology
    (c) Psychology   (d) Phenology

Ans: (a)

38. Savitribai phule is associated to which of the following state?
    (a) Madhya pradesh   (b) Uttar pradesh
    (c) Maharashtra   (d) Rajasthan

Ans: (c)

39. Which of the following is the lead actor of Mission Mangal movie ?
    (a) Rajkummar rao   (b) Akshay Kumar
    (c) Vicky kaushal   (d) Sani Deol

Ans: (b)

40. Who determines the repo rate ?
    (a) Reserve Bank of India
    (b) state bank of india
    (c) SEBI
    (d) RBL Bank

Ans: (a)

41. What is the chemical name for solid carbon dioxide?
    (a) CO_2 (b) H_2SO_4
    (c) CI   (d) SO_2

Ans: (a)

42. Who discovered neutron ?
    (a) James Chadwick   (b) J.J. Thomson
    (c) Rutherford   (d) Niels Bohr

Ans: (a)

43. Valluvanad is situated in which state ?
    (a) Uttarakhand   (b) Kerala
    (c) Tamil Nadu   (d) West Bengal

Ans: (b)

44. 21st century fox bought by _____.
    (a) Disney   (b) Viacom
    (c) Dish Network   (d) Comcast

Ans: (a)

45. Bhupesh Baghel is the Chief minister of _____.
    (a) Andhra Pradesh   (b) Goa
    (c) Madhya Pradesh   (d) Chhattisgarh

Ans: (d)

46. Which state has launched the Mobile App Pauti to enable its citizen in online payment of land revenue?
    (a) Andhra Pradesh   (b) Odisha
    (c) Assam   (d) Haryana

Ans: (b)

47. Name the first Indian state to pass a resolution in the State Assembly for scrapping the Citizenship Amendment Act (CAA)?
    (a) West Bengal   (b) Tamil Nadu
    (c) Kerala   (d) Jharkhand

Ans: (c)

48. How many Young Scientists Laboratories of DRDO was unveiled recently by PM Modi during an event in Bengaluru on 2nd January 2020?
    (a) 8   (b) 2
    (c) 10   (d) 5

Ans: (d)

49. Which of the following is a scalar quantity?
    (a) Displacement
    (b) Velocity
    (c) Volume
    (d) None of these

Ans: (c)

50. A homogeneous mixture of two or more substances in called:
    (a) Solution   (b) Compound
    (c) Mixture   (d) Matter

Ans: (a)

51. The ratio of radius of two cylinders are 3: 4 and and that of its height are 9:4 respectively. The ratio of their volume will be:
    (a) 9:16   (b) 81:16
    (c) 9:2   (d) 3:4

Ans: (b)

52. If $x - y = 4$ and $xy = 45$, then find the value of $x^3 - y^3$
    (a) 302   (b) 388
    (c) 604   (d) 472

Ans: (c)

53. If the present ages of A and B are in the ratio of 5: 6 and their age difference is 6 years. Find the age of B after 6 years.
    (a) 30 Years   (b) 36 Years
    (c) 45 Years   (d) 42 Years

Ans: (d)

54. A, B and C can complete a work in 20, 15 and 12 days respectively. They all work together for 3 days. Find the number of days required to complete the remaining work by A?
    (a) 8 days   (b) 12 days
    (c) 15 days   (d) 6 days

Ans: (a)

55. The Marked Price of an article is Rs.15000. By giving a discount of 28%, a seller earn a profit of 12%. Find the approximate Cost Price(in Rs.) of the article.
    (a) 9642   (b) 8124
    (c) 9566   (d) 3248

Ans: (a)

56. Radius of a cycle wheel is 42 cm. Find the distance covered by wheel in 100 rounds.
    (a) 2640 cm   (b) 420 m
    (c) 4200 cm   (d) 264 m

Ans: (d)

57. If 6 tan A = 5, then find the value of
$$\frac{8\sin A - 4\cos A}{\cos A + 2\sin A}.$$

(a) 4   (b) 1/2

(c) 2   (d) 1

Ans: (d)

58. The middle number of the three numbers which are in the ratio 5: 2 : 3 and sum of whose squares is 1862 is:

(a) 11   (b) 12

(c) 13   (d) 14

Ans: (d)

59. The batting average of a cricket player is 72 runs per inning. In the next 4 innings, he could score only 80 runs and thereby decrease his batting average by 2 runs. What is the total number of innings played by him till last match?

(a) 72   (b) 8

(c) 92   (d) 104

Ans: (d)

60. The average of two numbers is 8 and that of another three numbers is 3. The average of these five numbers is-

(a) 7   (b) 5.5

(c) 6   (d) 5

Ans: (d)

61. What should come in place of the question mark (?) in the following question?

$[\{(16 \div 4) \times 4\} \div 4] = ?$

(a) 2   (b) 3

(c) 4   (d) 5

Ans: (c)

62. If the interest on Rs.1,200 be more than the interest on Rs.1,000 by Rs.30 in 3 years. Find the rate %.

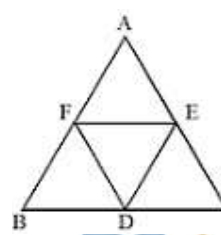(a) 2.5 %   (b) 3 %

(c) 4.5 %   (d) 5%

Ans: (d)

63. A train covers a distance in 50 minutes, if it runs at a speed of 48 km/hr on an average. The speed at which the train must run to reduce the time of journey to 40 minutes, will be:

(a) 10 km/hr   (b) 20 km/hr

(c) 40 km/hr   (d) 60 km/hr

Ans: (d)

64. If D, E and F are the mid-points of the sides of an equilateral triangle ABC, then the ratio of the area of triangles DEF and DCE is:

(a) 1.1 : 1   (b) 1 : 1.1

(c) 0.9 : 1   (d) 1 : 1

Ans: (d)

65. The length of a chord of a circle is equal to the radius of the circle. The angle which subtends this chord on the longer segment of the circle is equal to:

(a) 30º   (b) 45º

(c) 40º   (d) 90º

Ans: (a)

66. The base of a right circular cone has the same radius a as that of a sphere. Both the sphere and the cone have the same volume. Height of the cone is:

(a) 3 a   (b) 4a

(c) $\frac{7}{4}a$ (d) $\frac{7}{3}$

Ans: (b)

67. If the height of a right circular cone is 18 cm and radius of its base is 7 cm, then find its volume.

(a) 923 cm³   (b) 924 cm³

(c) 925 cm³   (d) 926 cm³

Ans: (b)

68. If tan (5x – 10°) = cot (5y + 20°), then the value of (x+y) is:

(a) 20°   (b) 15°

(c) 16°   (d) 24°

Ans: (c)

69. The value of $\dfrac{\sin A - \sin B}{\cos A + \cos B} \dfrac{\cos A - \cos B}{\sin A + \sin B}$ is:

(a) 1   (b) 90

(c) 0   (d) sin A

Ans: (c)

70. If x = a^{2/3} – a^{–2/3} then the value of x³ + 3x = ?

(a) $a^2 - \dfrac{1}{a^2}$ (b) $a^2 + \dfrac{1}{a^2}$

(c) $a + \dfrac{1}{a}$ (d) $a - \dfrac{1}{a}$

Ans: (a)

71. A, B and C invested capitals in the ratio 5 : 6 : 8. At the end of the business term, they received the profits in the ratio 5 : 3 : 12. Find the ratio of time for which they contributed their capitals?

(a) 1 : 2 : 3   (b) 2 : 1 : 3

(c) 3 : 2 : 1   (d) None of these

Ans: (b)

DIRECTIONS: Study the following table carefully to answer these questions.

Populations (in thousands) of Six States over the years

Years	STATE					
	A	B	C	D	E	F
1992	125	210	85	150	98	138
1995	135	225	89	170	110	152
1998	142	240	93	180	130	160
2001	148	250	99	215	140	175
2004	155	270	105	230	145	190
2007	160	290	110	240	160	198

72. What was the average population of all the states together in 1998?

(a) 1,57,500   (b) 1,75,000

(c) 1,57,200   (d) 1,72,500

Ans: (a)

73. Population of state C in 2001 is approximately what per cent of the total population of all states together in that year?

(a) 12   (b) 13

(c) 10   (d) 8

Ans: (c)

74. Approximately what is the per cent rise in population of state C in 2007 from 1995 ?

(a) 29   (b) 30

(c) 28   (d) 24

Ans: (d)

75. $3a^2 (ab + bc + ca) =$

(a) $3a^2 + 3a^2bc + 3a3c$ (b) $3a^3b + 3a^2bc + 3c$

(c) $3a^3b + 3a^2bc + 3a^3c$ (d) $a^3b + abc + a^2c$

Ans: (d)

76. Select the most appropriate synonym of the given word.
Exodus
(a) Withdrawal   (b) Introduction
(c) Establishment   (d) Disapproval
Ans: (a)

77. Select the most appropriate synonym of the given word.
Scintillating
(a) Sparkling   (b) Still
(c) Flat   (d) Fizzy
Ans: (a)

78. Select the most appropriate antonym of the given word.
Quiescent
(a) Immobile   (b) Inoperative
(c) Active   (d) latent
Ans: (c)

79. Select the most appropriate antonym of the given word.
Obligatory
(a) Compulsory   (b) Voluntary
(c) Incumbent   (d) inescapable
Ans: (b)

80. Find the correctly spelt word.
(a) Humileation   (b) Humilietion
(c) Humiliation   (d) Humilation
Ans: (c)

81. Find the correctly spelt word.
(a) Sarcasm   (b) Sarcasem
(c) sarcaesm   (d) Sarcesm
Ans: (c)

82. Select the most appropriate synonym of the given word.
Exhibit
(a) Showcase
(b) Introduction
(c) Abstention
(d) Laziness
Ans: (a)

83. Select the word which means the same as the group of words given.
Not capable of being heard
(a) tangible   (b) Inaudible
(c) Palpable   (d) Ponderable

Ans: (b)

84. Select the word which means the same as the group of words given.
Scientific study of dogs
(a) Cynology   (b) Felinology
(c) Caballus   (d) Acoustics

Ans: (a)

85. Select the meaning of the given idiom.
A hard nut to crack
(a) a problem or situation that's difficult to solve or deal with
(b) be easy put to
(c) A tractable person.
(d) Bring up personal matters in public

Ans: (c)

86. Select the meaning of the given idiom.
Come hell or high water
(a) Project a clean image in public
(b) No matter what happens.
(c) Wait impatiently
(d) Try to outdo one another in public

Ans: (b)

Direction (Q. 87 to 91): In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

The goal of psychotherapy is to help ___(a)___ individual achieve, through a special relationship with a therapist, good communication within himself or herself. Once this is ___(b)___, that person can communicate more freely and effectively with others. So we may say that psychotherapy is ___(c)___communication within and ___(d)___people. We can turn that statement ___(e)___and it will still be true. Good communication, or free communication, within or between people is always therapeutic.

87. Mark the correct option for blank ___(a)___.
(a) an   (b) a
(c) the   (d) of

Ans: (a)

88. Mark the correct option for blank ___(b)___.
(a) attain   (b) achieved
(c) abandon   (d) unless

Ans: (b)

89 Mark the correct option for blank ___(c)___.
(a) good   (b) mean
(c) Contrast   (d) comprehend

Ans: (a)

90. Mark the correct option for blank ___(d)___.
(a) between   (b) among
(c) with   (d) by

Ans: (a)

91. Mark the correct option for blank ___(e)___.
(a) around   (b) realised
(c) denied   (d) seems true

Ans: (a)

92. **DIRECTIONS: Find out the erroneous part of the given sentence and choose the correct option. Choose 'No error' if the sentence is free from error.**
Tardigrades are considered hardest animals on Earth and they(1)/have been found on mountain tops, in scorching deserts,(2)/ and lurking in subglacial lakes in Antarctica. (3)/ No error(4)
(a) 1   (b) 2
(c) 3   (d) 4

Ans: (a)

93. **DIRECTIONS: Find out the erroneous part of the given sentence and choose the correct option. Choose 'No error' if the sentence is free from error.**
Solar cells are attractive prospects because(1)/ they could be used on manoeuvre in orbit(2)/ without the need for fuel or engines.(3)/ No error (4)
(a) 1   (b) 2
(c) 3   (d) 4

Ans: (b)

94. **DIRECTIONS: Fill in the blanks with the suitable option.**

All of the events will be open to the public_____ will include talks from experts.
(a) But   (b) This
(c) And   (d) Hence

Ans: (c)

95. **DIRECTIONS: A sentence has been given in Active/Passive voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/ Active voice.**
Otis yelled at Maeve for not being able to make up her mind.
(a) Otis was yelled at by Maeve for not being able to make up his mind.
(b) Maeve will be yelled at by Otis for not being able to make up her mind.
(c) Maeve was yelled at by Otis for not being able to make up her mind.
(d) Maeve was being yelled at by Otis for not being able to make up her mind.

Ans: (c)

96. **DIRECTIONS: A sentence has been given in Active/Passive voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active voice.**

Nathan was called by the Principal for misbehaving in class.
(a) The Principal has called Nathan for misbehaving in class.
(b) The Principal called Nathan for misbehaving in class.
(c) The Principal calls Nathan for misbehaving in class.
(d) The Principal have called Nathan for misbehaving in class.

Ans: (b)

97. **DIRECTIONS: In the following question a sentence is given in Direct/Indirect speech. Out of the four alternatives choose the one which best expresses the sentence in Indirect/Direct Speech.**

Priya said, "The book is very interesting."
(a) Priya said that the book was very interesting.
(b) Priya said that the book is very interesting.
(c) Priya said that the book has been very interesting.
(d) Priya said that the book was being very interesting

Ans: (a)

98. **DIRECTIONS: In the following question a sentence is given in Direct/Indirect speech. Out of the four alternatives choose the one which best expresses the sentence in Indirect/Direct Speech.**

Esha said, "I need to buy some fruits."
(a) Esha said that she needed to buy some fruits.
(b) Esha said that she needs to buy some fruits.
(c) Esha said that she had needed to buy some fruits.
(d) Esha said she needs to buy some fruits.

Ans: (a)

99. **DIRECTIONS: Select the most appropriate word to fill in the blank.**

Municipal corporations have started to take _____ of the problems of waste management.
(a) cognizance   (b) perception
(c) attention   (d) knowledge

Ans: (a)

100. **DIRECTIONS: Complete the sentence using the most appropriate word from the options given.**

This is the first _____ under a documentary photography project that attempts to capture aspects of the socio-economic diversity of the region.
(a) inhibition   (b) exhibition
(c) exhalation   (d) extortion

Ans: (b)