

## **Sample paper 7**

### **MATHEMATICS**

1. Which one of the following number is divisible by 3:  
a. 8003                      b. 6896  
c. 4878                      d. 2690
2. The sum of  $10 + \frac{10}{10} + 10$  is:  
a. 1                              b. 10  
c. 12                             d. 21
3. Round 37895 to nearest thousand:  
a. 37000                      b. 38000  
c. 40000                      d. 39000
4. How many prime numbers are there between 20 and 35?  
a. 2                              b. 1  
c. 4                              d. 3
5.  $\frac{3}{5}$  in the form of percentage will be \_\_\_\_ %  
a. 30                             b. 80  
c. 60                             d. 6
6. What should be subtracted from one to get  $\frac{3}{10}$ :  
a.  $\frac{10}{3}$                               b.  $\frac{3}{10}$   
c.  $\frac{7}{10}$                              d. 1
7. The perimeter of a square is 28 m its area is  
a. 49 sq. m                    b. 56 sq. m  
c. 21 sq. m                    d. 14 sq. m
8. The HCF of 10 and 15 is:  
a. 10                             b. 15  
c. 30                             d. 5
9. The L.C.M of 2, 6, 8, 9 is \_\_\_\_.  
a. 36                             b. 72  
c. 18                             d. 54
10. Which one of the following is equivalent to 1.01:  
a. 101%                        b. 10.1%  
c. 1.01%                      d. 1010%
11. How much should be added to  $\frac{1}{25}$  to get 2:  
a.  $\frac{49}{25}$                             b.  $\frac{24}{25}$   
c.  $\frac{50}{25}$                             d.  $\frac{50}{100}$
12. What is 25% of one hour:  
a. 20 min                      b. 30 min  
c. 25 min                      d. 15 min
13. What is the value of  $\frac{3}{10} + \frac{7}{15} + \frac{4}{5}$ :  
a.  $\frac{40}{30}$                             b.  $\frac{17}{15}$   
c.  $\frac{37}{30}$                             d.  $\frac{77}{60}$
14. If 5 is subtracted 6 times from 150, what will be the remainder:  
a. 120                            b. 240  
c. 30                             d. 60
15. By which number  $\frac{14}{5}$  be multiplied so that the product is 18:  
a. 5                                b. 10  
c. 9                                d. 15
16. The average age of Eight boys is 12 years. If a boy of 19 years leaves, the average age of the remaining boy's is \_\_\_\_ years.  
a. 13 years                      b. 11 years



33. The speed of a car is 80 km/hr. After 2 hours of travelling it covered one fourth of the total distance. What is the total distance?
- a. 640 km                      b. 120 km  
c. 80 km                        d. 100 km
34. What is the value of the expressing  $(37 \times 9) + 45 \times 9 + (18 \times 9)$ ?
- a. 909                            b. 896  
c. 900                            d. 891
35.  $7 \text{ km } 5 \text{ dm} = ? \text{ Metres}$
- a. 6500                         b. 7050  
c. 7005                         d. 75000
36. The smallest natural number is:
- a. 1                                b. -1  
c. 0                                d. 2
37.  $\frac{1}{4}$  of one whole day and night is:
- a. 3 hrs.                         b. 4 hrs.  
c. 6 hrs.                         d. 12 hrs.
38. Find out the greatest number which when divides 485 and 1029 leaving 5 as remainder in each case:
- a. 32                                b. 30  
c. 64                                d. 60
39.  $\frac{1}{9} + \frac{1}{9} * \frac{1}{9} + \frac{1}{9} * \frac{1}{9} + \frac{1}{9} = ?$
- a.  $\frac{101}{729}$                             b.  $\frac{100}{729}$   
c.  $\frac{90}{729}$                             d.  $\frac{180}{729}$
40. 12 persons can do a piece of work in 12 days. In how many days will 8 person finishes that work:
- a. 18                                b. 16  
c. 24                                d. 15
41. What will be  $\frac{3}{8}$  of  $\frac{5}{3}$ :
- a.  $\frac{5}{8}$                                 b.  $\frac{7}{8}$   
c.  $\frac{3}{8}$                                 d.  $\frac{5}{9}$
42. Write the descending order: 4.012, 40.12, 0.4012, 4.210
- a. 4.012, 40.12, 0.4012, 4.210  
b. 4.012, 40.12, 4.210, 0.4012  
c. 0.4012, 4.012, 40.12, 4.210  
d. 40.12, 4.210, 4.012, 0.4210
43. What is the value of  $4\frac{1}{2} + 2\frac{1}{2} + \frac{1}{2}$ :
- a.  $2\frac{1}{10}$                             b.  $1\frac{3}{10}$   
c.  $2\frac{3}{10}$                             d.  $2\frac{7}{10}$
44. Find the value of a cube in cubic meters, whose one side is 75 cms.
- a.  $4.21875 \text{ m}^2$                 b.  $0.421875 \text{ m}^3$   
c.  $42.1875 \text{ m}^3$                 d.  $0.0421875 \text{ m}^3$
45. How much percent of 75 is 15:
- a. 25.5%                         b. 22%  
c. 25%                            d. 20%
46. How much is subtracted from 21.049, so that it will remain 9.2601:
- a. 10.789                         b. 11.7889  
c. 1.1789                         d. 10.7889
47. Sunita earns Rs. 1500 in 10 days then how much she will earn in 30 days:
- a. Rs. 37.50                      b. Rs. 4500  
c. Rs. 4250                        d. Rs. 5500
48. Find HCF: 320, 48, 1500?
- a. 2                                 b. .4  
c. 6                                 d. 8
49. The weight of 25 bags of rice is 876.5 kg and then finds the weight of one bag of rice:
- a. 32.06                         b. 31.07  
c. 35.06                         d. 33.06

50. Transform the speed  $22\frac{1}{2}$  meters per second in kilometers per hours:  
 a. 81.5 km/hr.                      b. 82.5 km/hr.  
 c. 81.0 km/hr.                      d. 80.5 km/hr.

### **ENGLISH TEST (ENGLISH)**

**Direction (51-55):** Fill in the blanks with suitable articles:

51. Tarun made \_\_\_ omelette.  
 a. a                                      b. an  
 c. the                                    d. None
52. Meena has \_\_\_ ice cream after lunch.  
 a. a                                      b. an  
 c. the                                    d. None
53. They left \_\_\_ hour ago.  
 a. a                                      b. an  
 c. the                                    d. None
54. \_\_\_ Giraffe has \_\_\_ long neck.  
 a. a, a                                  b. an, an  
 c. The, a                                d. None
55. The teacher tome me to do \_\_\_ sum on \_\_\_ blackboard.  
 a. a, the                                b. an, an  
 c. the, a                                d. None

**Direction (56--60):** Choose prepositions:

56. The art material \_\_\_ the boxes are \_\_\_ my son who is an artist.  
 a. Above, for                        b. Above In  
 c. About                                d. For, About
57. Pack your bag \_\_\_ enough cookies \_\_\_ the children.  
 a. With, For                         b. Along, with  
 c. With, at                            d. Up, at
58. They did not agree \_\_\_ the conditions \_\_\_ the release of the hostages.  
 a. For, on                              b. At, in  
 c. To, at                                d. On, in

59. We have been living \_\_\_ the house \_\_\_ the past ten years.

- a. For, above                        b. In, for  
 c. In, on                                d. None

60. I like sitting \_\_\_ this tree \_\_\_ the stream.

- a. At, In                                b. Beside, Under  
 c. At, From                            d. From, At

**Direction (61-65):** Find the error and write the correct word to be substituted:

61. The thief walked confidently at the street.  
 a. By                                    b. On  
 b. From                                d. Above
62. He wore a suit and had a briefcase on his hand  
 a. By                                    b. On  
 c. From                                d. In
63. It was 0.200 A.M. when entered by Mr. Smith's house.  
 a. By                                    b. In  
 c. At                                      d. Above
64. He skill fully climbed into the water pipe.  
 a. Above                                b. In  
 c. On                                      d. Under
65. In the bedroom he saw a very fat woman sleeping with the bed.  
 a. Above                                b. In  
 c. On                                      d. Under

**Direction (66-70):** Choose adverbs:

66. The prisoner has been \_\_\_ treated.  
 a. Wearily                            b. Soon  
 c. Patiently                         d. Badly
67. The choir sang \_\_\_\_\_.  
 a. Wearily                            b. Profusely  
 c. Tunefully                         d. Noisily
68. The burglar crept \_\_\_\_\_.  
 a. Angrily                            b. Slowly  
 c. Loudly                              d. Brutally

69. The wounded soldier bled \_\_\_\_.
- a. Bravely                      b. Brutally  
c. Profusely                    d. Badly
70. I hope you will \_\_\_\_ be well.
- a. Crossly                      b. Soon  
c. Wearily                      d. Silently
- Direction (71-75):** Choose conjunction:
71. He is slow, \_\_\_\_ steady.
- a. And                            b. Although  
c. But                            d. Also
72. \_\_\_\_ you tell me the truth, I shall punish you
- a. Till                            b. Until  
c. Unless                        d. So that
73. Wait for me \_\_\_\_ I return.
- a. Till                            b. Until  
c. Unless                        d. So that
74. Mala is idle \_\_\_\_ foolish.
- a. Till                            b. Although  
c. As well as                    d. Therefore
75. The bag was heavy, \_\_\_\_ Verdha could not lift it.
- a. Although                      b. Unless  
c. Therefore                      d. Though

**Direction (76-80):** Choose verb:

76. She has \_\_\_\_ to post the letters.
- a. Forgot                        b. Forgotten
77. Niharika has \_\_\_\_ the table.
- a. Laid                            b. Lain
78. Sankalp has \_\_\_\_ the ball over the wall.
- a. Threw                        b. Thrown
79. The sun has just \_\_\_\_.
- a. Rose                            b. Risen
80. The wind \_\_\_\_ my hat off.
- a. Blew                            b. Blown
81. We spent \_\_\_\_ time arguing.
- a. All                              b. Whole  
c. The                              d. The whole
82. This book is \_\_\_\_ about the change dynasty.
- a. The All                        b. The Whole

- c. Whole                        d. All
83. I'll do it \_\_\_\_ it kills me.
- a. Even                            b. Even if  
c. Though                        d. Let
84. The coffee was \_\_\_\_ hot that I could not drink it.
- a. Very                            b. Quite  
c. So                                d. Too
85. It costs \_\_\_\_ much.
- a. Too                              b. So  
c. Very                            d. All of above
86. I won't able to do it \_\_\_\_ you help me
- a. If                                b. Unless  
c. Both a and b                d. None
87. You take the good ones and I'll take \_\_\_\_.
- a. Others                        b. The others  
c. Another                        d. All of above
88. There were cars parked on \_\_\_\_ side of the road.
- a. Both                            b. Each  
c. Every                            d. All
89. The bus is \_\_\_\_ crowded.
- a. Too                              b. Very  
c. Either can be used        d. None
90. Let us begin \_\_\_\_ the first poem.
- a. At                                b. In  
c. In                                d. With
91. A \_\_\_\_ is a word used instead of a noun.
- a. Very                            b. Pronoun  
c. Adjective                      d. Adverb
92. There are \_\_\_\_ parts of speech.
- a. 4                                b. 6  
c. 8                                d. 10
93. A \_\_\_\_ is a word used to join words or sentences.
- a. Verb                            b. Adjective  
c. Interjection                d. Conjunction

94. What is the Feminine noun of the under mentioned masculine noun 'Bachelor':  
 a. Spinster                      b. Girl  
 c. Widow                        d. Widower
95. What is the Masculine noun of the under mentioned Feminine noun 'NUN':  
 a. NONE                         b. Sister  
 c. MONK                         d. Priest
96. Plural form of Radius:  
 a. Woman of war    b. Mans of war  
 c. Men of war        d. Man-of-war
97. Plural for of Radius:  
 a. Radiuses            b. Radiuss  
 c. Radii                 d. Radan
98. What is adjective form of Boy:  
 a. Boys                 b. Boyish  
 c. Buys                 d. Boy's
99. What is the superlative form of the word: "Up":  
 a. Up and up            b. Upper  
 c. Uppest                d. Uppermost
100. \_\_\_ knowledge is a dangerous thing.  
 a. A little                b. Little  
 c. The little             d. None

### **GENERAL INTELLIGENCE (REASONING)**

101. In a certain code language 'NAME' is written as 'OBNF'. How will 'SHIP' be written in that code?  
 a. JITQ                        b. TSIQ  
 c. IJTQ                        d. TIJQ
102. In a certain code language 'LOSE' is written as 'MQVI'. How will 'GAIN' be written in that code?  
 a. GCLR                      b. HLCR  
 c. HCLS                      d. HCLR
103. In a certain code language 'RUMSZ' is written as 'PRINT'. How will 'FUMSQ' be written in that code?

- a. PRICK                      b. BRING  
 c. DRINK                     d. DREAM

104. In a certain code language 'FAVOUR' is written as 'ECURTV'. How will 'FOSTER' be written in that code?

- a. GQTWFV                  b. EQRWDV  
 c.                                d. QERWVD  
 EQRVDV

**Direction (105-109):** In a class of 95 students, 40 play cricket, 50 play football and 10 play both cricket and football.

105. How many students play only football?

- a. 45                            b. 30  
 c. 40                            d. 28

106. How many students play at least one game?

- a. 80                            b. 70  
 c. 60                            d. 50

107. How many students play only cricket?

- a. 30                            b. 35  
 c. 40                            d. 25

108. How many students play exactly one game?

- a. 85                            b. 80  
 c. 70                            d. 75

109. How many students play neither cricket nor football?

- a. 12                            b. 15  
 c. 18                            d. 20

**In each of the following questions find out the alternative which will replace the questions mark**

110. Fan: Wings:: Wheel: ?

- a. Round                      b. Moves  
 c. Spokes                     d. Air

111. Success: Failure:: Big: ?

- a. Great                        b. Small  
 c. Good                        d. Large

112. Divorce: Marriage:: False: ?

- a. True                         b. Lie  
 c. Friction                    d. Story

- 113.** What is the angle between the two hands of a clock when the time shown by the clock is 6.30 p.m.?  
a.  $0^\circ$                                   b.  $5^\circ$   
c.  $3^\circ$                                         d.  $15^\circ$
- 114.** At what time between 3 and 4 o'clock will the minute hand and the hour hand are on the same straight line but facing opposite directions.  
a. 3:49                                        b. 3:15  
c.  $3:39\frac{1}{11}$                                       d.  $3:49\frac{1}{11}$
- 115.** By how many degrees does the minute hand move in the same time, in which the hour hand moves by  $28^\circ$ ?  
a. 168                                         b. 336  
c. 196                                         d. 376
- 116.** On 8<sup>th</sup> Feb, 2005 it was Tuesday. What was the day of the week on 8<sup>th</sup> Feb. 2004?  
a. Tuesday                                  b. Monday  
c. Sunday                                    d. Wednesday
- 117.** The calendar for the year 2002 is the same as for the year.  
a. 2006                                        b. 2008  
c. 2009                                        d. 2010
- 118.** Das has a brother Anuj, Das is the son of Chandan. Vijay is Chandan's father. In term of relationship, what is Anuj o Vijay?  
a. Son                                         b. Grandson  
c. Brother                                    d. Grandfather
- 119.** A lady has three daughters and each daughter has a brother. How many known male members are there in the family?  
a. 4.    b. 2  
c. 3     d. 1
- 120.** Rohit is father of Sanjay. Uma is wife of Rohit. Tina is sister of Sanjay. How are Tina related to Uma?  
a. Not related                              b. Daughter
- c. Sister                                      d. Cousin
- 121.** ATL, BUM, CVN, DWO, ?  
a. EZP                                        b. EYQ  
c. EFP                                        d. EXP
- 122.** TYU, USO, HMI, ?  
a. AGC                                        b. CGC  
c. GBC                                        d. BGC
- 123.** MAAL, AALM, ALMA, LMAA, ?  
a. AMLA                                      b. MAAL  
c. AAML                                      d. LAAM
- 124.** A3P, C5N, E8K, G12G.?  
a. 116D                                      b. 117B  
c. 117D                                      d. 116D
- 125.** If 'A' means '\*', 'B' means '-' and 'c' means '+' then: (6 A 6) B (10 B 5) C (2 C 2) = ?  
a. 15                                         b. 20  
c. -30                                        d. 35
- 126.** If '+' means '-', '-' means '\*' and '\*' means '÷' and '÷' means '+' then :  $36 + 20 - 3 * 30 \div 3 = ?$   
a. 12                                         b. 30  
c. -36                                        d. 36
- 127.** If '\*' means '-', '-' means '\*' and '+' means '/', '/' means '+' then :  $10 - 10 * 50 - 2 + 20 / 10 = ?$   
a. 100                                        b. 105  
c. 65                                         d. 205
- 128.** If '/' means '\*', '-' means '/', '\*' means '-' and '+' means '\*' then:  $\frac{(36 * 4) - 8 * 4}{4 + 8 * 2 / 1} = ?$   
a. 8    b. 16  
c. 1    d. 0
- 129.** If '+' means '\*', '-' means '÷', '\*' means '+' and '÷' means '-' then :  $\frac{20}{10} + 3 - 15 * 3 = ?$   
a. 21                                         b. 20  
c. 15                                         d. 10

- 130.** A man is facing south. He turns  $135^\circ$  in the anticlockwise direction and then  $180^\circ$  in the clockwise direction. Which direction is he facing now?  
 a. North-east                      b. North-west  
 c. South-east                      d. South-west
- 131.** A man is facing north-west. He turns  $90^\circ$  in the clockwise direction and then  $135^\circ$  in the anti clockwise direction. Which direction is he facing now?  
 a. East                                  b. West  
 c. North                                d. South
- 132.** A man is facing north-west. He turns  $90^\circ$  in the clockwise direction and then  $180^\circ$  in the anticlockwise direction and then another  $90^\circ$  in the same direction. Which direction is he facing now:  
 a. South                                b. South-west  
 c. West                                 d. South-east
- 133.** I am facing east. I turn  $100^\circ$  in the clockwise direction and then  $145^\circ$  in the anticlockwise direction. Which direction and I facing now:  
 a. East                                 b. North-east  
 c. North                                d. South-west
- 134.** Deepak starts walking straight towards east. After walking 75 m, he turns to the left and walks 25 m straight. Again the turns to the left, walks a distance of 40 m straight, again he turns to the left and walks a distance of 25 m. How far is he from the starting point:  
 a. 25 m                                 b. 50 m  
 c. 140 m                                d. None
- 135.** 221, 109 53, 25, 11, ?  
 a. 6                                        b. 4  
 c. 8                                        d. 10
- 136.** 0.5, 12, 52, 106, 107,?  
 a. 40                                      b. 45  
 c. 50                                      d. 54
- 137.** 39, 31, 41, 29, 43,?  
 a. 20                                      b. 25  
 c. 27                                      d. 30
- 138.** 3, 5, 13, 49, 49, ?, 1441  
 a. 300                                    b. 295  
 c. 325                                    d. 241
- 139.** 481, 477, 467, 439, 357,?  
 a. 110                                    b. 113  
 c. 115                                    d. 120
- 140.** In a row of trees, one tree is fifth from either end of the row. How many trees are there in a row?  
 a. 8                                        b. 9  
 c. 10                                      d. 11
- 141.** In a queue, Amrita is 10<sup>th</sup> from the front while Mukul is 25<sup>th</sup> from behind and Mamta is just in the middle of the two. If there be 50 persons in the queue what position does Mamta occupy from the front:  
 a. 20<sup>th</sup>                                    b. 19<sup>th</sup>  
 c. 18<sup>th</sup>                                    d. 17<sup>th</sup>
- 142.** Raman ranks sixteenth from the top and forty ninth from the bottom in a class. How many students are there in the class?  
 a. 64                                        b. 65  
 c. 66?                                    d. None
- 143.** Sanjeev ranks seventh from the top and twenty eighth from the bottom in a class. How many students are there in the class?  
 a. 37                                        b. 36  
 c. 35                                        d. 34
- 144.** If Atul finds that he is 12<sup>th</sup> from the right in a line of boys and fourth from the left, how many boys should be added to the line such that there are 28 boys in the line:  
 a. 12                                        b. 13  
 c. 14                                        d. 20
- Direction (145-148):** If a mirror is placed, then which of the answer figures is the mirror image of the given figure?



145.

- R E S T
- a. T S E R      b. T S E R  
c. L S E R      d. T S E R

146.

- 1 5 8 2 4
- a. 1 2 8 5 4      b. 4 5 8 2 1  
c. 4 5 8 2 1      d. 4 2 8 5 1

147.

- M 3 5 K G 1
- a. M 3 5 K G 1      b. 1 G K 5 3 M  
c. 1 G K 5 3 M      d. 1 G K 5 3 M

148.

- 2 5
- (a) (b) (c) (d)

149. Water Image of

- 5 3 4 2 9 6
- a. 2 3 4 5 9 6      b. 6 9 2 4 3 5  
c. 9 6 5 4 3 2      d. 2 3 4 5 9 6

150. Water Image of

- V Y 1 8 7 W P
- a. V Y 1 8 7 W P  
b. V Y 1 8 7 W P  
c. V Y 1 8 7 W P  
d. V Y 1 8 7 W P

## GENERAL KNOWLEDGE

151. Who defined democracy as government of people, by the people, for the people?

- a. George Washington  
b. J S Mill  
c. Jean Jacquest Rousseau  
d. Abraham Lincoln

152. When the earth is nearest to sun in its orbit, it is said to be in

- a. Equinox      b. Perihelion  
c. Solstice      d. Aphelion

153. The Indian Standard Time is ahead of the GMT by \_\_\_ hours

- a. 4.5      b. 6.5  
c. 6      d. 5.5

154. Which of the following site is declared as world heritage site by UNESCO

- a. Qutub Minar  
b. Mysore Palace  
c. Bannerghatta National Park  
d. Jantar Mantar

155. Richter scale is used to measure

- a. Velocity of wind  
b. Depth of ocean  
c. Velocity of earth's rotation  
d. Intensity of an earthquake

156. Rashtrapati Bhawan was designed by

- a. Edward stone      b. Edwin Lutyens  
c. Tarun Dutt      d. Le Corbusier

157. Which of the following rivers has the largest basin?

- a. Cauvery      b. Krishna  
c. Godavari      d. Mahanadi

158. The source of the Brahmaputra river is the

- a. Pindari Glacier  
b. Chemayungdung glacier  
c. Chorabari glacier  
d. Mansrover Lake

159. Which state in India produces the largest quantity of rubber?

- a. Tamil Nadu      b. Kerala  
c. Karnataka      d. Andhra Pradesh

160. Which of the following state does not have a common boundary with Bangladesh?

- a. Meghalaya      b. Mizoram  
c. Tripura      d. Arunachal Pradesh

- 161.** Maximum percentage of the tribal population in India consists of  
a. Santhals                      b. Bhills  
c. Mundas                      d. Nagas
- 162.** World health day is observed on  
a. June 05                      b. June 07  
c. April 07                      d. July 11
- 163.** Who founded the Indian national congress?  
a. WC Banerjee  
b. Satyendra Nath Banerjee  
c. GK Gokhale  
d. MK Gandhi
- 164.** The quit India movement starter at \_\_\_\_  
a. Wardha on Aug 07, 1942  
b. Bombay on Aug 08, 1942  
c. Delhi on Aug 12, 1942  
d. Amritsar on Aug 14, 1942
- 165.** For a time difference of one Hour the longitudinal distance is equal to \_\_\_\_  
a. 1°                              b. 5°  
c. 10°                             d. 12°
- 166.** Who appoints the district judge?  
a. Chief Justice of the high court of the concerned state  
b. Governor of the concerned state  
c. Public Service Commission of the concerned state  
d. Chief Justice of the Supreme Court
- 167.** Atmospheric temperature increases at the higher altitudes due to \_\_\_\_  
a. Conduction                b. Convection  
c. Inversion                    d. Radiation
- 168.** \_\_\_\_ form a link between the living and the non-living  
a. Bacteria                      b. Viruses  
c. Plankton                      d. Vibrios
- 169.** Which one among the following is a water soluble vitamin?  
a. Vitamin A                    b. Vitamin C  
c. Vitamin E                    d. Vitamin K
- 170.** The tropic of Cancer does not pass through  
a. Gujarat                      b. Orissa  
c. Tripura                      d. West Bengal
- 171.** Which of the following element is not a major element of the  
a. Silicon                      b. Aluminium  
c. Iron                          d. Carbon
- 172.** The Jawaharlal Nehru port is located at  
a. Paradip                      b. Cochin  
c. Mumbai                      d. Calcutta
- 173.** Which one of the following railway zones and their headquarters is not currently matched?  
a. North-Eastern-Gorakhpur  
b. Eastern-Kolkata  
c. South-Central-Hubli  
d. Western-Mumbai
- 174.** The battle of \_\_\_\_ led to the establishment of British Supremacy in India  
a. Plassey                      b. Wandlwasi  
c. Buxar                        d. Panipat
- 175.** The people of Indian valley civilization were not familiar with  
a. Copper                      b. Silver  
c. Tin                             d. Iron
- 176.** The founder of Cholla Empire was  
a. Vijayalaya                    b. Raja raja  
c. Rajendra-I                    d. Vijendra
- 177.** The Rowalatt Act was passed on  
a. 1913                          b. 1915  
c. 1917                          d. 1919
- 178.** Which one out of the following is Not one of the principal organs of UNO?  
a. Security Council  
b. International Court of Justice  
c. International labour organization

- d. Economic and social council
- 179.** Where did Vinobha Bhave launch his Bhoodam Movement?  
a. Bhubaneswar    b. Telengana  
c. Kathmandu    d. Kashmir
- 180.** In which of the following states was the Panchayati Raj first introduced?  
a. Gujarat    b. Rajasthan  
c. UP    d. Karnataka
- 181.** Which of the following is not included as Fundamental right in our constitution?  
a. Right for life and personal liberty  
b. Right to freedom of religion  
c. Right to constitutional remedies  
d. Right to work
- 182.** Dr. Varghese Kurien is popularly known as the father of  
a. Green Revolution    b. Yellow Revolution  
c. Blue Revolution    d. White Revolution
- 183.** Name the river on which Jog falls are situated?  
a. Sharavathi    b. Krishna  
c. Cauveri    d. Godavari
- 184.** Who invented Zero?  
a. Arabs    b. Indians  
c. Chinese    d. Greeks
- 185.** Name the Strait between India and Sri Lanka?  
a. Gibraltar Strait    b. Palk Strait  
c. Godwana Strait    d. Mc Mohan Strait
- 186.** In which year the National Anthem was adopted by the Constituent Assembly?  
a. 1947    b. 1978  
c. 1952    d. 1951
- 187.** Golden revolution refers to  
a. Seri culture    b. Horticulture  
c. Milk production    d. Egg production
- 188.** The term CRWAL is associated with which game?  
a. Swimming    b. Fencing  
c. Volley Ball    d. Boxing
- 189.** Right to education Act came into effect from  
a. 1 April 2010    b. 31 March 2010  
c. 1 April 2009    d. 31 March 2009
- 190.** Hindi day is celebrated on  
a. 14 October    b. 14 September  
c. 24 November    d. 24 March
- 191.** In which North Indian state, Tawang festival is celebrated?  
a. Arunachal Pradesh  
b. Bihar  
c. Tripura  
d. Manipur
- 192.** Who won the Malaysian Grand Prix 2017 title in Selangor, Malaysia?  
a. Max Verstappen    b. Sebastian Vettel  
c. Valtteri    d. Lewis Hamilton
- 193.** In which field Jeffrey C Hall, Michael Rosbash and Michael W Young awarded received 2017 Nobel Prize?  
a. economics    b. Literature  
c. Peace    d. Physiology or medicine
- 194.** Where was the 4-day Global Wildlife Programme (GWP) conference started?  
a. Golaghat    b. Mysore  
c. Ahmedabad    d. New Delhi
- 195.** Which country has launched 'world's biggest and most powerful nuclear icebreaker Ship'  
a. North Korea    b. Russia  
c. South Korea    d. China
- 196.** Massive search operation 'CASO' launched in Jammu & Kashmir. Expand CASO.  
a. Carbon-and-Search-Operation  
b. Commando-and-Set-Operation

- c. Command-and-Search-Operation
  - d. Cader-and-Search-Operation
- 197.** Name the State Cabinet who has approved Heritage Tourism policy & 'Mukhya Manti Rural Road Repaid Scheme'.
- a. Arunachal Pradesh
  - b. Odisha
  - c. Nagaland
  - d. Himachal Pradesh
- 198.** Who will be the event ambassador for the ICC U-19 Cricket World Cup 2018?
- a. Tim Southee      b. Kane Williamson
  - c. Martin Guptill      d. Corey Anderson
- 199.** Who led SEBI panel on corporate governance reforms for independent directors and greater transparency?
- a. Arunthathi Bhattacharya
  - b. Shiv Nadar
  - c. Uday Kotal
  - d. Ajay Piramal
- 200.** Where does the Indian Space Research Organization (ISRO) setting up of a research centre for startups, academicians, environmentalists and entrepreneurs on 5<sup>th</sup> October 2017?
- a. Thiruvananthapuram, Kerala
  - b. Chandigarh, Punjab
  - c. Ahmedabad, Gujarat
  - d. Guwahati, Assam

## ANSWER KEY

<b>Mathematics</b>									
1. C	6. C	11. A	16. B	21. B	26. D	31. C	36. A	41. A	46. B
2. A	7. A	12. D	17. D	22. A	27. A	32. A	37. C	42. D	47. B
3. B	8. C	13. A	18. A	23. A	28. C	33. A	38. A	43. C	48. B
4. D	9. B	14. A	19. C	24. B	29. C	34. C	39. D	44. B	49. C
5. D	10. A	15. B	20. D	25. D	30. A	35. B	40. A	45. D	50. C
<b>Language Test (English)</b>									
51. B	56. A	61. B	66. D	71. A	76. B	81. D	86. B	91. B	96. C
52. B	57. A	62. D	67. C	72. C	77. A	82. D	87. B	92. C	97. C
53. B	58. A	63. D	68. B	73. A	78. B	83. B	88. A	93. D	98. B
54. C	59. B	64. B	69. C	74. C	79. B	84. C	89. C	94. A	99. D
55. A	60. B	65. C	70. B	75. C	80. B	85. A	90. D	95. C	100. A
<b>General Intelligence (Reasoning)</b>									
101. D	106. A	111. A	116. C	121. D	126. D	131. B	136. D	141. C	146. B
102. D	107. A	112. A	117. B	122. D	127. B	132. D	137. C	142. A	147. D
103. C	108. C	113. D	118. B	123. B	128. D	133. B	138. D	143. D	148. B
104. B	109. B	114. D	119. D	124. B	129. A	134. D	139. B	144. B	149. A
105. C	110. C	115. B	120. B	125. D	130. D	135. B	140. B	145. C	150. C
<b>General Knowledge</b>									
151. D	156. B	161. B	166. B	171. B	176. A	181. A	186. D	191. A	196. A
152. B	157. B	162. C	167. B	172. C	177. D	182. D	187. B	192. A	197. D
153. D	158. B	163. D	168. A	173. C	178. C	183. A	188. A	193. D	198. D
154. D	159. B	164. B	169. B	174. A	179. B	184. B	189. A	194. D	199. C
155. D	160. B	165. B	170. B	175. D	180. B	185. B	190. B	195. B	200. D

## RASHTRIYA MILITARY SCHOOLS (CET) MODEL TEST PAPER-1

### MATHEMATICS

1. Which one of the following number is divisible by 3:

- a. 8003                      b. 6896  
c. 4878                      d. 2690

2. The sum of  $10 + \frac{10}{10} + 10$  is:

- a. 1                              b. 10  
c. 12                             d. 21

3. Round 37895 to nearest thousand:

- a. 37000                      b. 38000

- c. 40000                      d. 39000
4. How many prime numbers are there between 20 and 35:  
a. 2                              b. 1  
c. 4                              d. 3
5.  $\frac{3}{5}$  in the form of percentage will be \_\_\_\_ %  
a. 30                              b. 80  
c. 60                              d. 6
6. What should be subtracted from one to get  $\frac{3}{10}$ :  
a.  $\frac{10}{3}$                               b.  $\frac{3}{10}$   
c.  $\frac{7}{10}$                               d. 1
7. The perimeter of a square is 28 m its area is  
a. 49 sq. m                      b. 56 sq. m  
c. 21 sq. m                      d. 14 sq. m
8. The HCF of 10 and 15 is:  
a. 10                              b. 15  
c. 30                              d. 5
9. The L.C.M of 2, 6, 8, 9 is \_\_\_\_.  
a. 36                              b. 72  
c. 18                              d. 54
10. Which one of the following is equivalent to 1.01:  
a. 101%                              b. 10.1%  
c. 1.01%                              d. 1010%
11. How much should be added to  $\frac{1}{25}$  to get 2:  
a.  $\frac{49}{25}$                               b.  $\frac{24}{25}$   
c.  $\frac{50}{25}$                               d.  $\frac{50}{100}$
12. What is 25% of one hour:  
a. 20 min                              b. 30 min  
c. 25 min                              d. 15 min
13. What is the value of  $\frac{3}{10} + \frac{7}{15} + \frac{4}{5}$ :  
a.  $\frac{40}{30}$                               b.  $\frac{17}{15}$   
c.  $\frac{37}{30}$                               d.  $\frac{77}{60}$
14. If 5 is subtracted 6 times from 150, what will be the remainder:  
a. 120                              b. 240  
c. 30                              d. 60
15. By which number  $\frac{14}{5}$  be multiplied so that the product is 18:  
a. 5                              b. 10  
c. 9                              d. 15
16. The average age of Eight boys is 12 years. If a boy of 19 years leaves, the average age of the remaining boy's is \_\_\_\_ years.  
a. 13 years                              b. 11 years  
c. 12 years                              d. 10 years
17. Which of the following is a straight angle:  
a.  $90^\circ$                               b.  $360^\circ$   
c.  $270^\circ$                               d.  $180^\circ$
18. Which is the smallest fraction:  
a.  $\frac{2}{3}$                               b.  $\frac{3}{4}$   
c.  $\frac{5}{6}$                               d.  $\frac{8}{9}$
19. The sum of the following number is:  
0.5, 5, 50, 0.005, 0.0005, 0.05  
a. 5.555                              b. 55.555  
c. 55.5555                              d. 555.55
20. The sum of  $\frac{3}{4} + \frac{5}{7}$  can be obtained as follows:  
a.  $3 + \frac{5}{4} + 7$                               b.  $3 + \frac{5}{4} * 7$   
c.  $(3 * 7) + (5 * 4) / 4 + 7$   
d. None
21. The simple interest on Rs. 5000 at the rate of 5% for 4 years is \_\_\_\_.

- |   |  |
|---|--|
| <p>a. Rs. 20                      b. Rs. 100<br/>c. Rs. 25                      d. Rs. 50</p> <p><b>22.</b> What is the complementary angle of <math>60^\circ</math><br/>a. <math>30^\circ</math>                      b. <math>120^\circ</math><br/>c. <math>300^\circ</math>                      d. <math>90^\circ</math></p> <p><b>23.</b> How many persons will be able to live for 50 days on food which is sufficient for 400 persons for 10 days:<br/>a. 80                      b. 8<br/>c. 40                      d. 200</p> <p><b>24.</b> Express in decimals the sum of <math>\frac{3}{10} + \frac{2}{10} + \frac{7}{100} + \frac{2}{100}</math>;<br/>a. 0.3272                      b. 0.59<br/>c. 0.329                      d. 0.572</p> <p><b>25.</b> Find the amount whose 30% is Rs. 6:<br/>a. Rs. 150                      b. Rs. 180<br/>c. Rs. 30                      d. Rs. 20</p> <p><b>26.</b> On dividing a number by 19, the quotient was 5 and the remainder also 5. Find the number:<br/>a. 90                      b. 95<br/>c. 105                      d. 100</p> <p><b>27.</b> What should be the selling price of a cow whose cost is Rs. 1500 to get 20% profit:<br/>a. Rs. 1800                      b. Rs. 1530<br/>c. Rs. 1600                      d. Rs. 2000</p> <p><b>28.</b> If the interest on a sum of Rs. 500 is equal to Rs. 500 in ten years, what is the rate of interest:<br/>a. 5%                      b. 2%<br/>c. 10%                      d. <math>12\frac{1}{2}\%</math></p> <p><b>29.</b> Which fraction should be divided <math>\frac{3}{4}</math> so that the quotient is <math>\frac{4}{5}</math>:</p> | <p>a. <math>\frac{3}{16}</math>                      b. <math>\frac{15}{16}</math><br/>c. <math>\frac{3}{5}</math>                      d. <math>\frac{3}{20}</math></p> <p><b>30.</b> The place value of 5 in 678.765 is ____.<br/>a. <math>\frac{5}{1000}</math>                      b. <math>\frac{5}{10}</math><br/>c. 50                      d. <math>\frac{5}{100}</math></p> <p><b>31.</b> The sum of prime numbers less than 20 is:<br/>a. 78                      b. 75<br/>c. 77                      d. 79</p> <p><b>32.</b> A man has a field measuring 60 acres of these 12 acres have been ploughed. What part of the field is yet to be ploughed?<br/>a. <math>\frac{4}{5}</math>                      b. <math>\frac{3}{4}</math><br/>c. <math>\frac{5}{6}</math>                      d. <math>\frac{4}{6}</math></p> <p><b>33.</b> The speed of a car is 80 km/hr. After 2 hours of travelling it covered one fourth of the total distance. What is the total distance?<br/>a. 640 km                      b. 120 km<br/>c. 80 km                      d. 100 km</p> <p><b>34.</b> What is the value of the expressing <math>(37*9) + 45 * 9) + (18 * 9)</math>?<br/>a. 909                      b. 896<br/>c. 900                      d. 891</p> <p><b>35.</b> 7 km 5 dm = ? Metres<br/>a. 6500                      b. 7050<br/>c. 7005                      d. 75000</p> <p><b>36.</b> The smallest natural number is:<br/>a. 1                      b. -1<br/>c. 0                      d. 2</p> <p><b>37.</b> <math>\frac{1}{4}</math> of one whole day and night is:<br/>a. 3 hrs.                      b. 4 hrs.<br/>c. 6 hrs.                      d. 12 hrs.</p> |
|---|--|

38. Find out the greatest number which when divides 485 and 1029 leaving 5 as remainder in each case:
- a. 32                                  b. 30  
c. 64                                  d. 60
39.  $\frac{1}{9} + \frac{1}{9} * \frac{1}{9} + \frac{1}{9} * \frac{1}{9} + \frac{1}{9} = ?$
- a.  $\frac{101}{729}$                                   b.  $\frac{100}{729}$   
c.  $\frac{90}{729}$                                   d.  $\frac{180}{729}$
40. 12 persons can do a piece of work in 12 days. In how many days will 8 person finishes that work:
- a. 18                                  b. 16  
c. 24                                  d. 15
41. What will be  $\frac{3}{8}$  of  $\frac{5}{3}$ :
- a.  $\frac{5}{8}$                                   b.  $\frac{7}{8}$   
c.  $\frac{3}{8}$                                   d.  $\frac{5}{9}$
42. Write the descending order: 4.012, 40.12, 0.4012, 4.210
- a. 4.012, 40.12, 0.4012, 4.210  
b. 4.012, 40.12, 4.210, 0.4012  
c. 0.4012, 4.012, 40.12, 4.210  
d. 40.12, 4.210, 4.012, 0.4210
43. What is the value of  $4\frac{1}{2} + 2\frac{1}{2} + \frac{1}{2}$ :
- a.  $2\frac{1}{10}$                                   b.  $1\frac{3}{10}$   
c.  $2\frac{3}{10}$                                   d.  $2\frac{7}{10}$
44. Find the value of a cube in cubic meters, whose one side is 75 cms.
- a.  $4.21875 \text{ m}^2$                           b.  $0.421875 \text{ m}^3$   
c.  $42.1875 \text{ m}^3$                          d.  $0.0421875 \text{ m}^3$
45. How much percent of 75 is 15:
- a. 25.5%                              b. 22%  
c. 25%                                 d. 20%
46. How much is subtracted from 21.049, so that it will remain 9.2601:
- a. 10.789                              b. 11.7889  
c. 1.1789                              d. 10.7889
47. Sunita earns Rs. 1500 in 10 days then how much she will earn in 30 days:
- a. Rs. 37.50                          b. Rs. 4500  
c. Rs. 4250                          d. Rs. 5500
48. Find HCF: 320, 48, 1500?
- a. 2                                      b. .4  
c. 6                                      d. 8
49. The weight of 25 bags of rice is 876.5 kg and then finds the weight of one bag of rice:
- a. 32.06                              b. 31.07  
c. 35.06                              d. 33.06
50. Transform the speed  $22\frac{1}{2}$  metres per second in kilometers per hours:
- a. 81.5 km/hr.                      b. 82.5 km/hr.  
c. 81.0 km/hr.                      d. 80.5 km/hr.

**ENGLISH TEST (ENGLISH)**

**Direction (51-55):** Fill in the blanks with suitable articles:

51. Tarun made \_\_\_\_ omelette.
- a. a                                      b. an  
c. the                                  d. None
52. Meena has \_\_\_\_ ice cream after lunch.
- a. a                                      b. an  
c. the                                  d. None
53. They left \_\_\_\_ hour ago.
- a. a                                      b. an  
c. the                                  d. None
54. \_\_\_\_ Giraffe has \_\_\_\_ long neck.
- a. a, a                                  b. an, an



- c. The, a                      d. None
55. The teacher told me to do \_\_\_ sum on \_\_\_ blackboard.
- a. a, the                      b. an, an  
c. the, a                      d. None

**Direction (56-60):** Choose prepositions:

56. The art material \_\_\_ the boxes are \_\_\_ my son who is an artist.
- a. Above, for                      b. Above In  
c. About                      d. For, About
57. Pack your bag \_\_\_ enough cookies \_\_\_ the children.
- a. With, For                      b. Along, with  
c. With, at                      d. Up, at
58. They did not agree \_\_\_ the conditions \_\_\_ the release of the hostages.
- a. For, on                      b. At, in  
c. To, at                      d. On, in
59. We have been living \_\_\_ the house \_\_\_ the past ten years.
- a. For, above                      b. In, for  
c. In, on                      d. None
60. I like sitting \_\_\_ this tree \_\_\_ the stream.
- a. At, In                      b. Beside, Under  
c. At, From                      d. From, At

**Direction (61-65):** Find the error and write the correct word to be substituted:

61. The thief walked confidently at the street.
- a. By                      b. On  
c. From                      d. Above
62. He wore a suit and had a briefcase on his hand.
- a. By                      b. On  
c. From                      d. In
63. It was 0.200 A.M. when entered by Mr. Smith's house.
- a. By                      b. In  
c. At                      d. Above

64. He skillfully climbed into the water pipe.
- a. Above                      b. In  
c. On                      d. Under
65. In the bedroom he saw a very fat woman sleeping with the bed.
- a. Above                      b. In  
c. On                      d. Under

**Direction (66-70):** Choose adverbs:

66. The prisoner has been \_\_\_ treated.
- a. Wearily                      b. Soon  
c. Patiently                      d. Badly
67. The choir sang \_\_\_.
- a. Wearily                      b. Profusely  
c. Tunefully                      d. Noisily
68. The burglar crept \_\_\_.
- a. Angrily                      b. Slowly  
c. Loudly                      d. Brutally
69. The wounded soldier bled \_\_\_.
- a. Bravely                      b. Brutally  
c. Profusely                      d. Badly
70. I hope you will \_\_\_ be well.
- a. Crossly                      b. Soon  
c. Wearily                      d. Silently

**Direction (71-75):** Choose conjunction:

71. He is slow, \_\_\_ steady.
- a. And                      b. Although  
c. But                      d. Also
72. \_\_\_ you tell me the truth, I shall punish you.
- a. Till                      b. Until  
c. Unless                      d. So that
73. Wait for me \_\_\_ I return.
- a. Till                      b. Until  
c. Unless                      d. So that
74. Mala is idle \_\_\_ foolish.
- a. Till                      b. Although  
c. As well as                      d. Therefore
75. The bag was heavy, \_\_\_ Verdhha could not lift it.
- a. Although                      b. Unless

- c. Therefore                      d. Though

**Direction (76-80):** Choose verb:

76. She has \_\_\_ to post the letters.  
a. Forgot                      b. Forgotten
77. Niharika has \_\_\_ the table.  
a. Laid                      b. Lain
78. Sankalp has \_\_\_ the ball over the wall.  
a. Threw                      b. Thrown
79. The sun has just \_\_\_\_.  
a. Rose                      b. Risen
80. The wind \_\_\_ my hat off.  
a. Blew                      b. Blown
81. We spent \_\_\_ time arguing.  
a. All                      b. Whole  
c. The                      d. The whole
82. This book is \_\_\_ about the change dynasty.  
a. The All                      b. The Whole  
c. Whole                      d. All
83. I'll do it \_\_\_ it kills me.  
a. Even                      b. Even if  
c. Though                      d. Let
84. The coffee was \_\_\_ hot that I could not drink it.  
a. Very                      b. Quite  
c. So                      d. Too
85. It costs \_\_\_ much.  
a. Too                      b. So  
c. Very                      d. All of above
86. I won't able to do it \_\_\_ you help me  
a. If                      b. Unless  
c. Both a and b                      d. None
87. You take the good ones and I'll take \_\_\_\_.  
a. Others                      b. The others  
c. Another                      d. All of above
88. There were cars parked on \_\_\_ side of the road.  
a. Both                      b. Each  
c. Every                      d. All
89. The bus is \_\_\_ crowded.  
a. Too                      b. Very  
c. Either can be used d. None
90. Let us begin \_\_\_ the first poem.  
a. At                      b. In  
c. In                      d. With
91. A \_\_\_ is a word used instead of a noun.  
a. Very                      b. Pronoun  
c. Adjective                      d. Adverb
92. There are \_\_\_ parts of speech.  
a. 4                      b. 6  
c. 8                      d. 10
93. A \_\_\_ is a word used to join words or sentences.  
a. Verb                      b. Adjective  
c. Interjection                      d. Conjunction
94. What is the Feminine noun of the under mentioned masculine noun 'Bachelor':  
a. Spinster                      b. Girl  
c. Widow                      d. Widower
95. What is the Masculine noun of the under mentioned Feminine noun 'NUN':  
a. NONE                      b. Sister  
c. MONK                      d. Priest
96. Plural form of Radius:  
a. Woman of war                      b. Mans of war  
c. Men of war                      d. Man-of-war
97. Plural for of Radius:  
a. Radiuses                      b. Radiuss  
c. Radii                      d. Radan
98. What is adjective form of Boy:  
a. Boys                      b. Boyish  
c. Buys                      d. Boy's
99. What is the superlative form of the word: "Up":  
a. Up and up                      b. Upper  
c. Uppest                      d. Uppermost
100. \_\_\_ knowledge is a dangerous thing.  
a. A little                      b. Little

- c. The little                      d. None

### GENERAL INTELLIGENCE (REASONING)

- 101.** In a certain code language 'NAME' is written as 'OBNF'. How will 'SHIP' be written in that code?  
a. JITQ                                  b. TSIQ  
c. IJTQ                                  d. TIJQ
- 102.** In a certain code language 'LOSE' is written as 'MQVI'. How will 'GAIN' be written in that code?  
a. GCLR                                  b. HLCR  
c. HCLS                                  d. HCLR
- 103.** In a certain code language 'RUMSZ' is written as 'PRINT'. How will 'FUMSQ' be written in that code?  
a. PRICK                                  b. BRING  
c. DRINK                                  d. DREAM
- 104.** In a certain code language 'FAVOUR' is written as 'ECURTV'. How will 'FOSTER' be written in that code?  
a. GQTWFFV                                  b. EQRWDV  
c.                                  QERWVD                                  d. EQRVDV

**Direction (105-109):** In a class of 95 students, 40 play cricket, 50 play football and 10 play both cricket and football.

- 105.** How many students play only football?  
a. 45    b. 30  
c. 40    d. 28
- 106.** How many students play at least one game?  
a. 80    b. 70  
c. 60    d. 50
- 107.** How many students play only cricket?  
a. 30    b. 35  
c. 40    d. 25
- 108.** How many students play exactly one game?  
a. 85    b. 80  
c. 70    d. 75

- 109.** How many students play neither cricket nor football?  
a. 12    b. 15  
c. 18    d. 20

**In each of the following questions find out the alternative which will replace the questions mark**

- 110.** Fan: Wings:: Wheel: ?  
a. Round    b. Moves  
c. Spokes    d. Air
- 111.** Success: Failure:: Big: ?  
a. Great    b. Small  
c. Good    d. Large
- 112.** Divorce: Marriage:: False: ?  
a. True    b. Lie  
c. Friction    d. Story
- 113.** What is the angle between the two hands of a clock when the time shown by the clock is 6.30 p.m.?  
a. 0°    b. 5°  
c. 3°    d. 15°
- 114.** At what time between 3 and 4 o'clock will the minute hand and the hour hand are on the same straight line but facing opposite directions.  
a. 3:49    b. 3:15  
c. 3:39  $\frac{1}{11}$     d. 3:49  $\frac{1}{11}$
- 115.** By how many degrees does the minute hand move in the same time, in which the hour hand moves by 28°?  
a. 168    b. 336  
c. 196    d. 376
- 116.** On 8<sup>th</sup> Feb, 2005 it was Tuesday. What was the day of the week on 8<sup>th</sup> Feb. 2004?  
a. Tuesday    b. Monday  
c. Sunday    d. Wednesday
- 117.** The calendar for the year 2002 is the same as for the year.

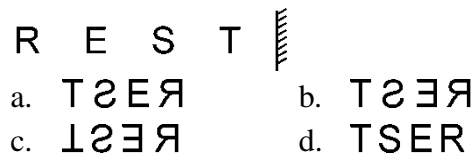
- a. 2006                      b. 2008  
c. 2009                      d. 2010
- 118.** Das has a brother Anuj, Das is the son of Chandan. Vijay is Chandan's father. In term of relationship, what is Anuj o Vijay?  
a. Son                      b. Grandson  
c. Brother                      d. Grandfather
- 119.** A lady has three daughters and each daughter has a brother. How many known male members are there in the family?  
a. 4.                      b. 2  
c. 3                      d. 1
- 120.** Rohit is father of Sanjay. Uma is wife of Rohit. Tina is sister of Sanjay. How are Tina related to Uma?  
a. Not related                      b. Daughter  
c. Sister                      d. Cousin
- 121.** ATL, BUM, CVN, DWO, ?  
a. EZP                      b. EYQ  
c. EFP                      d. EXP
- 122.** TYU, USO, HMI, ?  
a. AGC                      b. CGC  
c. GBC                      d. BGC
- 123.** MAAL, AALM, ALMA, LMAA, ?  
a. AMLA                      b. MAAL  
c. AAML                      d. LAAM
- 124.** A3P, C5N, E8K, G12G.?  
a. 116D                      b. 117B  
c. 117D                      d. 116D
- 125.** If 'A' means '\*', 'B' means '-' and 'c' means '+' then:  $(6 A 6) B (10 B 5) C (2 C 2) = ?$   
a. 15                      b. 20  
c. -30                      d. 35
- 126.** If '+' means '-', '-' means '\*' and '\*' means '÷' and '÷' means '+' then :  $36 + 20 - 3 * 30 \div 3 = ?$   
a. 12                      b. 30  
c. -36                      d. 36
- 127.** If '\*' means '-', '-' means '\*' and '+' means '/', '/' means '+' then :  $10 - 10 * 50 - 2 + 20 / 10 = ?$   
a. 100                      b. 105  
c. 65                      d. 205
- 128.** If '/' means '\*', '-' means '/', '\*' means '-' and '+' means '\*' then:  $\frac{(36*4) - 8*4}{4 + 8*2/1} = ?$   
a. 8                      b. 16  
c. 1                      d. 0
- 129.** If '+' means '\*', '-' means '÷', '\*' means '+' and '÷' means '-' then :  $\frac{20}{10} + 3 - 15 * 3 = ?$   
a. 21                      b. 20  
c. 15                      d. 10
- 130.** A man is facing south. He turns  $135^\circ$  in the anticlockwise direction and then  $180^\circ$  in the clockwise direction. Which direction is he facing now?  
a. North-east                      b. North-west  
c. South-east                      d. South-west
- 131.** A man is facing north-west. He turns  $90^\circ$  in the clockwise direction and then  $135^\circ$  in the anti clockwise direction. Which direction is he facing now?  
a. East                      b. West  
c. North                      d. South
- 132.** A man is facing north-west. He turns  $90^\circ$  in the clockwise direction and then  $180^\circ$  in the anticlockwise direction and then another  $90^\circ$  in the same direction. Which direction is he facing now:  
a. South                      b. South-west  
c. West                      d. South-east
- 133.** I am facing east. I turn  $100^\circ$  in the clockwise direction and then  $145^\circ$  in the anticlockwise direction. Which direction and I facing now:  
a. East                      b. North-east

- c. North                      d. South-west
- 134.** Deepak starts walking straight towards east. After walking 75 m, he turns to the left and walks 25 m straight. Again he turns to the left, walks a distance of 40 m straight, again he turns to the left and walks a distance of 25 m. How far is he from the starting point:  
 a. 25 m                      b. 50 m  
 c. 140 m                    d. None
- 135.** 221, 109 53, 25, 11, ?  
 a. 6                              b. 4  
 c. 8                              d. 10
- 136.** 0.5, 12, 52, 106, 107, ?  
 a. 40                            b. 45  
 c. 50                            d. 54
- 137.** 39, 31, 41, 29, 43, ?  
 a. 20                            b. 25  
 c. 27                            d. 30
- 138.** 3, 5, 13, 49, 49, ?, 1441  
 a. 300                          b. 295  
 c. 325                          d. 241
- 139.** 481, 477, 467, 439, 357, ?  
 a. 110                          b. 113  
 c. 115                          d. 120
- 140.** In a row of trees, one tree is fifth from either end of the row. How many trees are there in a row?  
 a. 8                              b. 9  
 c. 10                            d. 11
- 141.** In a queue, Amrita is 10<sup>th</sup> from the front while Mukul is 25<sup>th</sup> from behind and Mamta is just in the middle of the two. If there be 50 persons in the queue what position does Mamta occupy from the front:  
 a. 20<sup>th</sup>                          b. 19<sup>th</sup>  
 c. 18<sup>th</sup>                          d. 17<sup>th</sup>
- 142.** Raman ranks sixteenth from the top and forty ninth from the bottom in a class. How many students are there in the class?

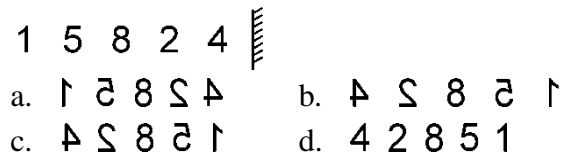
- a. 64                              b. 65  
 c. 66?                          d. None
- 143.** Sanjeev ranks seventh from the top and twenty eighth from the bottom in a class. How many students are there in the class?  
 a. 37                              b. 36  
 c. 35                              d. 34
- 144.** If Atul finds that he is 12<sup>th</sup> from the right in a line of boys and fourth from the left, how many boys should be added to the line such that there are 28 boys in the line:  
 a. 12                              b. 13  
 c. 14                              d. 20

**Direction (145-148):** If a mirror is placed, then which of the answer figures is the mirror image of the given figure?

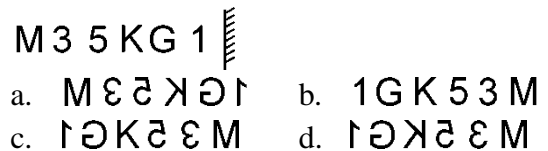
**145.**



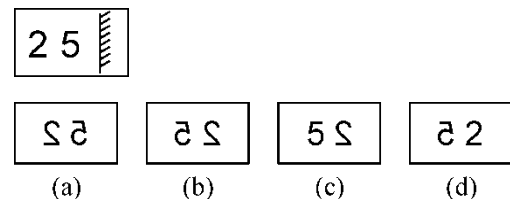
**146.**



**147.**



**148.**



**149.** Water Image of  
 5 3 4 2 9 6

a. 2 3 4 5 0 0 b. 6 9 2 4 3 5  
 c. 0 0 5 4 8 7 d. 2 3 4 5 0 0

150. Water Image of

V Y 1 8 7 W P

- a. V Y J 8 L W P  
 b. A A I 8 L M P  
 c. A A J 8 L M P  
 d. A A I 8 L W P

### GENERAL KNOWLEDGE

151. Who defined democracy as government of people, by the people, for the people?

- a. George Washington  
 b. J S Mill  
 c. Jean Jacquest Rousseau  
 d. Abraham Lincoln

152. When the earth is nearest to sun in its orbit, it is said to be in

- a. Equinox b. Perihelion  
 c. Solstice d. Aphelion

153. The Indian Standard Time is ahead of the GMT by \_\_\_ hours

- a. 4.5 b. 6.5  
 c. 6 d. 5.5

154. Which of the following site is declared as world heritage site by UNESCO

- a. Qutub Minar  
 b. Mysore Palace  
 c. Banneraghatta National Park  
 d. Jantar Mantar

155. Richter scale is used to measure

- a. Velocity of wind  
 b. Depth of ocean  
 c. Velocity of earth's rotation  
 d. Intensity of an earthquake

156. Rashtrapati Bhawan was designed by

- a. Edward stone b. Edwin Lutyens  
 c. Tarun Dutt d. Le Corbusier

157. Which of the following rivers has the largest basin?

- a. Cauvery b. Krishna  
 c. Godavari d. Mahanadi

158. The source of the Brahamaputra river is the

- a. Pindari Glacier  
 b. Chemayungdung glacier  
 c. Chorabari glacier  
 d. Mansrover Lake

159. Which state in India produces the largest quantity of rubber?

- a. Tamil Nadu b. Kerala  
 c. Karnataka d. Andhra Pradesh

160. Which of the following state does not have a common boundary with Bangladesh?

- a. Meghalaya b. Mizoram  
 c. Tripura d. Arunachal Pradesh

161. Maximum percentage of the tribal population in India consists of

- a. Santhals b. Bhills  
 c. Mundas d. Nagas

162. World health day is observed on

- a. June 05 b. June 07  
 c. April 07 d. July 11

163. Who founded the Indian national congress?

- a. WC Banerjee  
 b. Satyendra Nath Banerjee  
 c. GK Gokhale  
 d. MK Gandhi

164. The quit India movement starter at \_\_\_

- a. Wardha on Aug 07, 1942  
 b. Bombay on Aug 08, 1942  
 c. Delhi on Aug 12, 1942  
 d. Amritsar on Aug 14, 1942

165. For a time difference of one Hour the longitudinal distance is equal to \_\_\_

- a. 1° b. 5°  
 c. 10° d. 12°

166. Who appoints the district judge?

- a. Chief Justice of the high court of the concerned state

- b. Governor of the concerned state  
c. Public Service Commission of the concerned state  
d. Chief Justice of the Supreme Court
- 167.** Atmospheric temperature increases at the higher altitudes due to \_\_\_\_  
a. Conduction                      b. Convection  
c. Inversion                         d. Radiation
- 168.** \_\_\_\_ form a link between the living and the non-living  
a. Bacteria                            b. Viruses  
c. Plankton                            d. Vibrios
- 169.** Which one among the following is a water soluble vitamin?  
a. Vitamin A                         b. Vitamin C  
c. Vitamin E                         d. Vitamin K
- 170.** The tropic of Cancer does not pass through  
a. Gujarat                              b. Orissa  
c. Tripura                                d. West Bengal
- 171.** Which of the following element is not a major element of the  
a. Silicon                                b. Aluminium  
c. Iron                                      d. Carbon
- 172.** The Jawaharlal Nehru port is located at  
a. Paradip                                b. Cochin  
c. Mumbai                               d. Calcutta
- 173.** Which one of the following railway zones and their headquarters is not currently matched?  
a. North-Eastern-Gorakhpur  
b. Eastern-Kolkata  
c. South-Central-Hubli  
d. Western-Mumbai
- 174.** The battle of \_\_\_\_ led to the establishment of British Supremacy in India  
a. Plassey                                b. Wandlwasi  
c. Buxar                                    d. Panipat
- 175.** The people of Indian valley civilization were not familiar with  
a. Copper                                b. Silver  
c. Tin                                        d. Iron
- 176.** The founder of Cholla Empire was  
a. Vijayalaya                            b. Raja raja  
c. Rajendra-I                            d. Vijendra
- 177.** The Rowalatt Act was passed on  
a. 1913                                    b. 1915  
c. 1917                                    d. 1919
- 178.** Which one out of the following is Not one of the principal organs of UNO?  
a. Security Council  
b. International Court of Justice  
c. International labour organization  
d. Economic and social council
- 179.** Where did Vinobha Bhave launch his Bhoodam Movement?  
a. Bhubaneswar                        b. Telengana  
c. Kathmandu                            d. Kashmir
- 180.** In which of the following states was the Panchayati Raj first introduced?  
a. Gujarat                                b. Rajasthan  
c. UP                                        d. Karnataka
- 181.** Which of the following is not included as Fundamental right in our constitution?  
a. Right for life and personal liberty  
b. Right to freedom of religion  
c. Right to constitutional remedies  
d. Right to work
- 182.** Dr. Varghese Kurien is popularly known as the father of  
a. Green Revolution                    b. Yellow Revolution  
c. Blue Revolution                      d. White Revolution
- 183.** Name the river on which Jog falls are situated?  
a. Sharavathi                            b. Krishna  
c. Cauveri                                 d. Godavari

- 184.** Who invented Zero?  
a. Arabs                      b. Indians  
c. Chinese                    d. Greeks
- 185.** Name the Strait between India and Sri Lanka?  
a. Gibraltar Strait      b. Palk Strait  
c. Godwana Strait      d. Mc Mohan Strait
- 186.** In which year the National Anthem was adopted by the Constituent Assembly?  
a. 1947                      b. 1978  
c. 1952                      d. 1951
- 187.** Golden revolution refers to  
a. Seri culture              b. Horticulture  
c. Milk production      d. Egg production
- 188.** The term CRWAL is associated with which game?  
a. Swimming                b. Fencing  
c. Volley Ball              d. Boxing
- 189.** Right to education Act came into effect from  
a. 1 April 2010            b. 31 March 2010  
c. 1 April 2009            d. 31 March 2009
- 190.** Hindi day is celebrated on  
a. 14 October              b. 14 September  
c. 24 November          d. 24 March
- 191.** In which North Indian state, Tawang festival is celebrated?  
a. Arunachal Pradesh  
b. Bihar  
c. Tripura  
d. Manipur
- 192.** Who won the Malaysian Grand Prix 2017 title in Selangor, Malaysia?  
a. Max Verstappen      b. Sebastian Vettel  
c. Valtteri                    d. Lewis Hamilton
- 193.** In which field Jeffrey C Hall, Michael Rosbash and Michael W Young awarded received 2017 Nobel Prize?  
a. economics              b. Literature  
c. Peace                      d. Physiology or medicine
- 194.** Where was the 4-day Global Wildlife Programme (GWP) conference started?  
a. Golaghat                b. Mysore  
c. Ahmedabad            d. New Delhi
- 195.** Which country has launched 'world's biggest and most powerful nuclear icebreaker Ship'?  
a. North Korea            b. Russia  
c. South Korea            d. China
- 196.** Massive search operation 'CASO' launched in Jammu & Kashmir. Expand CASO.  
a. Carbon-and-Search-Operation  
b. Commando-and-Set-Operation  
c. Command-and-Search-Operation  
d. Cader-and-Search-Operation
- 197.** Name the State Cabinet who has approved Heritage Tourism policy & 'Mukhya Manti Rural Road Repaid Scheme'.  
a. Arunachal Pradesh  
b. Odisha  
c. Nagaland  
d. Himachal Pradesh
- 198.** Who will be the event ambassador for the ICC U-19 Cricket World Cup 2018?  
a. Tim Southee            b. Kane Williamson  
c. Martin Guptill        d. Corey Anderson
- 199.** Who led SEBI panel on corporate governance reforms for independent directors and greater transparency?  
a. Arunthathi Bhattacharya  
b. Shiv Nadar  
c. Uday Kotal  
d. Ajay Piramal
- 200.** Where does the Indian Space Research Organization (ISRO) setting up of a research centre for startups, academicians,



environmentalists and entrepreneurs on 5<sup>th</sup>  
October 2017?

- a. Thiruvananthapuram, Kerala
- b. Chandigarh, Punjab
- c. Ahmedabad, Gujarat
- d. Guwahati, Assam

# **CAREER INFOWIS INSTITUTE**

SAINIK SCHOOL, MILITARY SCHOOL, RIMC, NAVODAYA SCHOOL

## **ANSWER KEY**

### **Mathematics**

1. C	6. C	11. A	16. B	21. B	26. D	31. C	36. A	41. A	46. B
2. A	7. A	12. D	17. D	22. A	27. A	32. A	37. C	42. D	47. B
3. B	8. C	13. A	18. A	23. A	28. C	33. A	38. A	43. C	48. B
4. D	9. B	14. A	19. C	24. B	29. C	34. C	39. D	44. B	49. C
5. D	10. A	15. B	20. D	25. D	30. A	35. B	40. A	45. D	50. C

### **Language Test (English)**

51. B	56. A	61. B	66. D	71. A	76. B	81. D	86. B	91. B	96. C
52. B	57. A	62. D	67. C	72. C	77. A	82. D	87. B	92. C	97. C
53. B	58. A	63. D	68. B	73. A	78. B	83. B	88. A	93. D	98. B
54. C	59. B	64. B	69. C	74. C	79. B	84. C	89. C	94. A	99. D
55. A	60. B	65. C	70. B	75. C	80. B	85. A	90. D	95. C	100. A

### **General Intelligence (Reasoning)**

101. D	106. A	111. A	116. C	121. D	126. D	131. B	136. D	141. C	146. B
102. D	107. A	112. A	117. B	122. D	127. B	132. D	137. C	142. A	147. D
103. C	108. C	113. D	118. B	123. B	128. D	133. B	138. D	143. D	148. B
104. B	109. B	114. D	119. D	124. B	129. A	134. D	139. B	144. B	149. A
105. C	110. C	115. B	120. B	125. D	130. D	135. B	140. B	145. C	150. C

### **General Knowledge**

151. D	156. B	161. B	166. B	171. B	176. A	181. A	186. D	191. A	196. A
152. B	157. B	162. C	167. B	172. C	177. D	182. D	187. B	192. A	197. D
153. D	158. B	163. D	168. A	173. C	178. C	183. A	188. A	193. D	198. D
154. D	159. B	164. B	169. B	174. A	179. B	184. B	189. A	194. D	199. C
155. D	160. B	165. B	170. B	175. D	180. B	185. B	190. B	195. B	200. D