

## **SAMPLE PAPER 4**

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

**I. Read the following passage given below and then answer the questions which follow:**

The world is going head at a tremendous speed. But all this progress will be shattered if we do not secure peace. Scientific inventions and advancement of technological knowledge have brought the world closer. If one country suffers, all will suffer to some extent. We have become inter responsible. This has brought about the necessity of international relationship. People should understand that all human beings are brothers. The narrow bounds of nationalism and patriotism have to be shed. Unless we understand the lesson of 'live and let live' we stand on our last legs. If another war breaks out, it will destroy the entire race of humanity. If we establish love and sympathy, goodwill and happiness among ourselves, we can still save the world from destruction. Live and let live is a sound religion. From Gautama Buddha to Mahatma Gandhi, a number of great persons have pleaded for this mutual love and brotherly feelings. We are the inter-dependent children of the same father in heaven. We should, therefore, live in peace. This is the only way by which we can go along the road to progress.

1. All our progress will be destroyed if we \_\_\_\_.  
a. Kill terrorists      b. Nourish ill will  
c. Slaughter animals      d. Fail to establish peace
2. Scientific progress has made it necessary:  
a. To have national relationship  
b. To have feelings of enmity

- c. To have international relationship  
d. None
3. The whole of mankind will be destroyed if  
a. Epidemic breaks out  
b. Panic starts  
c. War breaks out  
d. World war is stopped
4. 'Live and let live' is:  
a. A wrong principle  
b. A sound religion  
c. to be avoided  
d. Only a theoretical concept
5. God implies:  
a. Father in heaven      b. Devil  
c. Ruler of hell      d. Unknown
- II. Give one word for the sentences:**
6. An enclosure for keeping birds  
a. Apiary      b. Aviary  
c. Zoo      d. Aquarium
7. A Government by one person:  
a. Autocracy      b. Plutocracy  
c. Theocracy      d. Democracy
8. A diplomatic representative of one country to another  
a. Secret agent      b. Ambassador  
c. Minister      d. Politician
9. A person who does not believes in the existence of God  
a. Pacifist      b. Atheist  
c. Theist      d. Ascetic
10. a. Ornithology      b. Osmology  
c. Cosmology      d. Zoology

### III. Complete each idiom:

11. Barking dog's never \_\_\_\_.
- a. Catch                      b. Yawn  
c. Run                         d. Bite
12. It was raining \_\_\_\_ and dogs.
- a. Cats                         b. bats  
c. Bitch                        d. Cows
13. The boy tried to read \_\_\_\_ the lines.
- a. On                            b. Under  
c. Off                            d. Between
14. Let us call it a \_\_\_\_ !
- a. Morning                    b. Night  
c. Year                          d. Day
15. You can't teach an old \_\_\_\_ new trick.
- a. Cat                          b. Boy  
c. Dog                         d. Man

### IV. Identify the correct kind of sentence.

16. Please help me.
- a. Assertive                    b. Interrogative  
c. Exclamatory                d. Negative
17. Hurray! We have won the match.
- a. Affirmative                 b. Exclamatory  
c. Interrogative                d. Negative
18. What is your name?
- a. Negative                    b. Affirmative  
c. Interrogative                d. Exclamatory
19. He is not a good boy.
- a. Affirmative                 b. Exclamatory  
c. Interrogative                d. Negative
20. Does he not sing a song?
- a. Negative                    b. Affirmative  
c. Interrogative                d. Negative

### V. Fill in the blanks with the appropriate prepositions given below:

21. Diwali is \_\_\_\_ 10<sup>th</sup> November.
- a. In                             b. On

- c. The                            d. Of
22. Gandhi lived \_\_\_\_ the English rule.
- a. In                             b. During  
c. on                             d. Under
23. They finished work \_\_\_\_ sunset.
- a. To                             b. Before  
c. In                              d. Of
24. I will call at your house sometime \_\_\_\_ the evening.
- a. On                             b. In  
c. During                        d. Of
25. Shankar's birthday is \_\_\_\_ 3<sup>rd</sup> March.
- a. On                             b. At  
c. In                              d. Between
26. Manju is afraid \_\_\_\_ Maths.
- a. With                         b. By  
c. Of                             d. At
27. The Minister called \_\_\_\_ the President.
- a. For                            b. On  
c. With                         d. In
28. Dogs are generally faithful \_\_\_\_ their masters.
- a. At                             b. To  
c. On                             d. With

### VI. Choose the correct word:

29. a. Miscelaneous              b. Misscellaneous  
c. Miscellaneous              d. Miscelaneous
30. a. Diarrhea                    b. Dairrhea  
c. diarhea                        d. Diarrhoes
31. a. Conscentious                b. Conscenteious  
c. Consentious                 d. Conscientious
32. a. Embarass                    b. Embarase  
c. Embaras                      d. Embarrass
33. a. Descendant                 a. Descendentle  
b. Discident                     d. Descideint

**VII. Choose the most appropriate option from the ones given below to complete the sentences:**

34. A large \_\_\_ is expected.  
a. Crowd                      b. Crowds  
c. Animal                      d. Ant
35. The pair of \_\_\_ is good.  
a. Shoes                      b. Pen  
c. Shoe                      d. Eggs
36. John is reading \_\_\_ Mary is playing.  
a. So                      b. Because  
c. But                      d. Or
37. Work hard \_\_\_ you will not succeed in life.  
a. And                      b. But  
c. Unless                      d. Or
38. Kalpana missed the bus \_\_\_ she was on time  
a. So                      b. Therefore  
c. Yes                      d. As
39. Two years have passed \_\_\_ he left Chennai.  
a. For                      b. Or  
c. Although                      d. Since
40. a. During                      b. While  
c. Since                      d. Yet

**VIII. Give the correct collective noun:**

41. A \_\_\_ of aircraft.  
a. Fleet                      b. Collection  
c. Swarm                      d. Row
42. A \_\_\_ of directors.  
a. Group                      b. Bunch  
c. Board                      d. Team
43. A \_\_\_ of soldiers.  
a. Flight                      b. Command  
c. Regiment                      d. Herd
44. A \_\_\_ of stamps.  
a. Heap                      b. Collection  
c. Store                      d. Pile

45. A \_\_\_ of plants.  
a. Nursery                      b. Shop  
c. Centre                      d. Extension

**IX. Fill in the blanks of choosing the correct alternatives:**

46. He saw \_\_\_ elephant in the circus.  
a. An                      b. The  
c. A                      d. Some
47. His father is \_\_\_ M.L.A.  
a. An                      b. The  
c. A                      d. Some
48. This is \_\_\_ golden opportunity for you.  
a. An                      b. The  
c. A                      d. Some
49. He is going to Delhi with \_\_\_ friend.  
a. An                      b. The  
c. A                      d. Some
50. There is \_\_\_ milk in the glass.  
a. An                      b. The  
c. A                      d. Some

**GENERAL KNOWLEDGE**

51. Iron pillar of Mehrauli, Delhi mentioned a ruler named 'Chandra'. To which dynasty he belongs to:  
a. Maurya dynasty    b. Solanki Dynasty  
c. Sisodiya Dynasty    d. Gupta Dynasty
52. RTE act makes Education as Fundamental right for children between the age group of:  
a. 6-12                      b. 6-14  
c. 3-10                      d. 3-12
53. Climate of a place is affected by;  
a. Distance from Sea    b. Altitude  
c. Latitude                      d. All of above
54. Who is known as Grand Old Man of Indian:  
a. Dadabhai Naoroji  
b. Mahatma Gandhi  
c. Lokmanya Tilak

- d. Gopal Krishna Gokhle
55. Abel Prize is given in \_\_\_\_ .
- a. Medicine                      b. Economics
- c. Mathematics                  d. All of these
56. Kyoto protocol is related to \_\_\_\_.
- a. Wetlands
- b. Earth hour
- c. Endangered species
- d. Climate change
57. Which Indian city is South of Tropic of Cancer:
- a. Delhi                              b. Ajmer
- c. Chennai                          d. None
58. Civil Disobedience movement was launched in \_\_\_\_.
- a. 1919                              b. 1942
- c. 1930                              d. 1920
59. Which country has longest international Border with India:
- a. China                              b. Bangladesh
- c. Sri Lanka                          d. Maldives
60. Where 20<sup>th</sup> Commonwealth games were held:
- a. Delhi                                b. London
- c. Glasgow                          d. Canberra
61. Which type of Mountains is Himalaya:
- a. Volcanic                          b. Fold
- c. Block                                d. Residual
62. Which is not a Perennial river:
- a. Ganga                              b. Cauvery
- c. Indus                                d. Satluj
63. Read the following statements and answer the questions:

**Statement 1:** A strait is a narrow strip of land joining two landmasses.

**Statement 2:** Isthmus connects two large water bodies.

True statement(s) is/are:

- a. Only 1                              b. Only 2
- c. Both 1 and 2                      d. None
64. Who is Director of Award winning movie 'Ship of Thesus':
- a. Rajmohan Ghandi
- b. Anand Ghandi
- c. Gopalkrishna Ghandi
- d. Kamal Hassan
65. **Choose the correct match:**
- Scientist- Field**
- a. Vikram Sarabhai - Nuclear Scientist
- b. APJ Abdul Kalam - Maths
- c. Venkatranam Ramakrishnan - Biologist
- d. Homi Jahangir Bhaha - Space Scientist
66. Term 'MDM' in relation to improving Nutritional Status of Children signifies:
- a. Mid-day mile                      b. Mid diet mile
- c. Middle day meal                  d. Mid-day meal
67. Name of Malaysian aircraft that went missing in 2014:
- a. MH370                              b. MH17
- c. MH270                              d. None
68. Which mountain Range separates Asia and Europe:
- a. Himalaya                          b. Alps
- c. Ural                                  d. All of these
69. Silver Revolution refer to \_\_\_\_.
- a. Milk production
- b. Agriculture production
- c. Egg production
- d. Meat production
70. "Rani Ki Vav" recently included in UNESCO World Heritage Site. It is in which state of India:
- a. Rajasthan                          b. Gujarat
- c. Delhi                                  d. Madhya Pradesh

71. What substance is used to cure acidity:  
a. Caustic soda  
b. Copper Sulphate  
c. Baking soda  
d. Magnesium Hydroxide
72. Which rocks is formed due to transformation of existing rock:  
a. Igneous                      b. Sedimentary  
c. Lava                          d. Metamorphic
73. Which of the following statement is/are true:  
a. Indian constitution provides inequality before law  
b. It establishes an authoritarian government  
c. It gives fundamental rights to its citizen  
d. All of above
74. Which city is known as "City of Seven Hill":  
a. New Delhi                  b. Paris  
c. Moscow                      d. Rome
75. What are baby kangaroos called:  
a. Calf                            b. Poll  
c. Joey                            d. Shoat
76. Which of the following uses the term "We love to see you smile". To promote its product:  
a. McDonalds                  b. Garnier  
c. Apple                          d. Dominos
77. The name Krasanbhai Patel is associated with:  
a. Ariel                            b. Henko  
c. Nirma                          d. Tide
78. Which planet is referred Morning Star as well as Evening Star:  
a. Mars                            b. Venus  
c. Jupiter                        d. Saturn
79. The Indian Flag was designed by \_\_\_\_\_.  
a. Motilal Nehru              b. Pingali Venkaih  
c. Poti Sriramulu              d. Sarojini Niadu
80. What would be the route of India's first bullet train:  
a. Mumbai to Ahmedabad  
b. New Delhi to Kanpur  
c. Bengaluru to Chennai  
d. Delhi to Chandigarh
81. Where is Orangutan apes found:  
a. Sri Lanka                      b. Australia  
c. Indonesia                      d. Korea
82. Where is small car Nano manufactured:  
a. Maharashtra                  b. Kerala  
c. Orissa                          d. Gujarat
83. What is the name of Harry Potter's owl:  
a. Colin                            b. Hedwig  
c. Dudley                          d. Remus
84. Which region receives the lowest rainfall in India:  
a. Leh                                b. West Rajasthan  
c. Central India                  d. Chota Nagpur
85. Which is the longest day of the Northern Hemisphere:  
a. 22 December                  b. 21 March  
c. 23 September                  d. 21 June
86. Who is popularly known as "saint of the Gutters":  
a. Gladwn Jones                  b. Mother Teresa  
c. Saint Joan                      d. None
87. Who wrote the book Train to Pakistan:  
a. Amitabh Ghosh                  b. Khushwant Singh  
c. Raja Rao                        d. Baji Rao
88. A method of painting with natural dyes on cotton or silk cloth with bamboo stick:  
a. Bandhni                          b. Chikankari  
c. Madhubani                      d. Kalamkari

89. Who founded the Kingdom of Vijaynagar Empire:  
 a. Adil Shal  
 b. Mir Qasim  
 c. Harihar and Bukka  
 d. Ahmad Shah
91. Whom did Germany defeat in the finals of 2014 Football world cup:  
 a. Spain  
 b. Netherland  
 c. Argentina  
 d. France
92. Who became the youngest girl to set foot on Mt Everest in May 2014:  
 a. Drishti Roy  
 b. Marycom  
 c. Kalpana  
 d. Malvatu Puma
93. Who has hit the fastest century in one-day International cricket match:  
 a. Sachin Tendulkar  
 b. AB De Villiers  
 c. Shahidi Afridi  
 d. Jayasurya
94. Which gas is more in the mixture of CNG:  
 a. Methane  
 b. Butane  
 c. Nitrogen  
 d. Ethylelne
95. What is pepsin:  
 a. Acid  
 b. Enzyme  
 c. Red Blood Cells  
 d. White Blood Cells
96. Who discovered vaccine of Polio:  
 a. Charles Nicolle  
 b. Jonas E Salk  
 c. Louis Pasteur  
 d. Edward Jenner
97. Name the capital of Syria:  
 a. Damascus  
 b. Dilli  
 c. Cairo  
 d. Adis Ababa
98. Who wrote "Freedom from fear":  
 a. Arundhati Roy  
 b. Aung San Su Ki  
 c. Chetan Bhagat  
 d. Amrita Preetam
99. Who won the Gold medal in the world cup in Pistol Shooting:  
 a. Hina Siddhu  
 b. Apurvi Chandela

- c. Deepika Kumari  
 d. Elizabeth Susan
100. Where is Nagarhole National Park Located:  
 a. Kerala  
 b. Maharashtra  
 c. Assam  
 d. Karnataka

## GENERAL INTELLIGENCE (REASONING)

101. Net: Bal::?  
 a. Winter: Weather  
 b. Game: Penant  
 c. Stadium: Seats  
 d. Hook: Fish
102. Entrance: Exit:: Loyalty:?  
 a. Falsehood  
 b. Dishonest  
 c. Truth  
 d. Treachery
103. Haematite: Iron:: Galena:?  
 a. Enamel  
 b. Copper  
 c. Zinc  
 d. Lead
104. Stopcock: Pipe:: Throttle:?  
 a. Valve  
 b. Engine  
 c. Flow  
 d. Machine
105. Philatelist: Stamps:: Numismatist:?  
 a. Coins  
 b. Maps  
 c. Jewels  
 d. Samples
106. If DELHI is coded as 73541 and CALCUTTA as 82589662, how can CALICUT be coded:  
 a. 5279431  
 b. 5978213  
 c. 8251896  
 d. 8543691
- Direction (107-108):** If '+' is '\*', '-' means '+', '\*' means '/' and '/' means '-' then answer the following questions based on this information:
107.  $21/8 + 2 - 12 * 3 = ?$   
 a. 14  
 b. 9  
 c. 13.5  
 d. 11
108.  $6 + 7 * 3 - 8 / 20 = ?$   
 a. -3  
 b. 7  
 c. 2  
 d. 1

**Direction (109-111):** Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to that group:

- 109.** a. Eagle                      b. Vulture  
c. Swan                         d. Peacock
- 110.** a. Ghana                        b. Turkey  
c. Nigeria                       d. Liberia
- 111.** a. Amsterdam                b. Oslo  
c. Stockholm                  d. Hague
- 112.** In a class the rank of Atul is sixteen from the top and forty-nine from the bottom. The total numbers of students in the class are:  
a. 64                              b. 64  
c. 66                              d. 67
- 113.** If air is called water, water is called green, green is called dust, dust is called yellow and yellow is called clouds, which of the following do fish live in:  
a. Air                              b. Water  
c. Green                         d. Dust
- 114.** If 'PAPER' is written as 'OZODQ', how 'PENCIL' can be written in that code:  
a. QFODJM                      b. OFOBHM  
c. ODMDJM                      d. ODMBHK
- 115.** What comes next: January, February, April, July, November, April, \_\_\_\_  
a. July                              b. November  
c. October                        d. None
- 116.** If '\*' means '+', '-' means '/', '/' means '-' and '+' means 'x', then which of the following equations is correct:  
a.  $16 + 5 - 10 * 4 / 3 = 9$   
b.  $16 - 5 * 10 / 4 + 3 = 12$   
c.  $16 + 5 / 10 * 4 - 3 = 9$   
d.  $16 * 5 / 10 / 4 - 3 = 19$
- 117.** Neelam, who is Rohit's daughter, says to Indu, your mother Reeta is the younger sister of my father, who is the third child of Sohanji. How is Sohanji related to Indu:  
a. Maternal Uncle    b. Father  
c. Grandfather        d. Father-in-Law
- 118.** Pointing towards a man in the photograph, Anjana said, "He is the son of the only son of my grandfather". How is that man related to Anjana?  
a. Cousin                        b. Nephew  
c. Brother                        d. Son
- 119.** A watch reads 4:30. If the minute hand points East, in what direction will the hour hand point:  
a. South East                  b. North East  
c. North                         d. North West
- 120.** A man drives 8 km West, then 3 km South, then 4 km East. How far is he from his starting point:  
a. 4 km                              b. 6 km  
c. 5 km                              d. 7 km
- 121.** In a code language 'mu kay cit' mean 'very lucky person' and 'ishu u mu' means 'fortunate and lucky'. What is the word in that language for 'lucky'?  
a. Kay                              b. Mu  
c. Cit                                d. Dis
- 122.** According to that code, SYSTEM is coded as SYSMET and NEARER is coded as NEARER. What is the code of FROSTY?  
a. FORYTS                        b. FROYSTS  
c. FYORST                        d. FORTSY
- 123.** How many 6's are there in following series of number which are precede by 7 but not immediately followed by 9:

6 7 9 5 6 9 7 6 8 7 6 7 8 6 9 4 6 7 7 6 9 5 7 6  
3

- a. One                      b. Two  
c. Three                    d. Four

**124.** Rama travels a distance of 5 km from a place 'A' towards North, turns left and walks 3 km, again turns right and walks 2 km. Finally turns right and walks 3 km to reach the place B. What is the distance between A and B?

- a. 7 km                      b. 13 km  
c. 2 km                      d. 10 km

**125.** If the position of the first and sixth digits of the sequence of number 5317689204 are interchanged, the second and the seventh and so on, which number would be sixth from the right end:

- a. 3                            b. 1  
c. 6                            d. 4

**126.** Ashok's mother was 3 times as old Ashok 5 years ago. After 5 years she will be twice as old as Ashok. How old is Ashok today?

- a. 10 years                  b. 15 years  
c. 20 years                  d. 25 years

**Direction (127-131):** Complete the series:

**127.** CMM, EOO, GQQ, \_\_\_\_, KUU.

- a. GRR                      b. GSS  
c. ISS                        d. ITT

**128.** 14, 18, 20, 40, 32, 64, \_\_\_\_

- a. 52                         b. 56  
c. 96                         d. 128

**129.** 2, 1,  $\frac{2}{3}, \frac{1}{2}, \frac{3}{4}, \frac{2}{5}, \frac{4}{6}, \frac{3}{7}, \frac{5}{8}, \frac{4}{9}, \frac{6}{10}, \frac{5}{11}, \frac{7}{12}, \frac{6}{13}, \frac{8}{14}, \frac{7}{15}, \frac{9}{16}, \frac{8}{17}, \frac{10}{18}, \frac{9}{19}, \frac{11}{20}, \frac{10}{21}, \frac{12}{22}, \frac{11}{23}, \frac{13}{24}, \frac{12}{25}, \frac{14}{26}, \frac{13}{27}, \frac{15}{28}, \frac{14}{29}, \frac{16}{30}, \frac{15}{31}, \frac{17}{32}, \frac{16}{33}, \frac{18}{34}, \frac{17}{35}, \frac{19}{36}, \frac{18}{37}, \frac{20}{38}, \frac{19}{39}, \frac{21}{40}, \frac{20}{41}, \frac{22}{42}, \frac{21}{43}, \frac{23}{44}, \frac{22}{45}, \frac{24}{46}, \frac{23}{47}, \frac{25}{48}, \frac{24}{49}, \frac{26}{50}, \frac{25}{51}, \frac{27}{52}, \frac{26}{53}, \frac{28}{54}, \frac{27}{55}, \frac{29}{56}, \frac{28}{57}, \frac{30}{58}, \frac{29}{59}, \frac{31}{60}, \frac{30}{61}, \frac{32}{62}, \frac{31}{63}, \frac{33}{64}, \frac{32}{65}, \frac{34}{66}, \frac{33}{67}, \frac{35}{68}, \frac{34}{69}, \frac{36}{70}, \frac{35}{71}, \frac{37}{72}, \frac{36}{73}, \frac{38}{74}, \frac{37}{75}, \frac{39}{76}, \frac{38}{77}, \frac{40}{78}, \frac{39}{79}, \frac{41}{80}, \frac{40}{81}, \frac{42}{82}, \frac{41}{83}, \frac{43}{84}, \frac{42}{85}, \frac{44}{86}, \frac{43}{87}, \frac{45}{88}, \frac{44}{89}, \frac{46}{90}, \frac{45}{91}, \frac{47}{92}, \frac{46}{93}, \frac{48}{94}, \frac{47}{95}, \frac{49}{96}, \frac{48}{97}, \frac{50}{98}, \frac{49}{99}, \frac{51}{100}$  \_\_\_\_

- a.  $\frac{1}{3}$                             b.  $\frac{1}{8}$   
c.  $\frac{2}{8}$                             d.  $\frac{1}{16}$

**130.** 8, 24, 12, ?, 18, 54

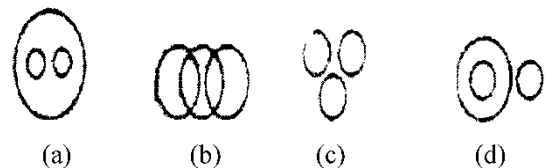
- a. 27                            b. 36  
c. 46                            d. 38

**131.** 0, 1, 4, 9, 16, 25, 36, 49, ?

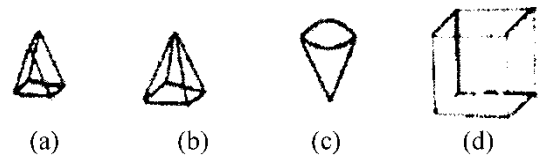
- a. 54                            b. 121  
c. 64                            d. 81

**132.** Find the diagram that depicts the correct relationship among the three groups.

India, Pakistan, Asia



**133.** Which of the following has exactly 6 vertices:



**134.** If '+' means '\*', '-' means '÷', '÷' means '+', '\*' means '-' then what will be the value of  $16 \div 64 - 4 * 4 + 3 = ?$

- a. 20                            b. 52  
c. 12                            d. None

**135.** In a code language, the following alphabets are coded in a particular way:

A B C D E M N O S R U

@ # \$ % < & > ( ) ? =

Which word can be decoded from # (@?%)

- a. BOUND                    b. BONUS  
c. BUNCH                    d. BOARD

**136.** How many eights are there in the following number series which are preceded by even number and followed by an odd number:

4 3 8 5 2 3 8 2 1 3 6 8 5 4 2 8 1 2 2 8 6 5 8 2

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



**Direction (137-138):** If '+' denotes '\*', '-' denotes '+', '\*' denotes '÷', '÷' denotes '-', then find

137.  $(12 - 48 * 12) - (65 - 30 *) = ?$

- a. 75                      b. 62.2  
c. 12                      d. 87

138.  $2100 * (115 - \frac{68}{8}) = ?$

- a. 12                      b. 13  
c. 14                      d. 15

139. 'Horse' is related to 'Hoof' in the same way as 'Eagle' is related to:

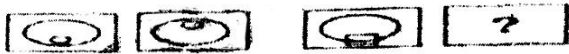
- a. Clutch                      b. Leg  
c. Claw                      d. Foot

140. Metal is related to Conduction in the same way as Plastic is related to:

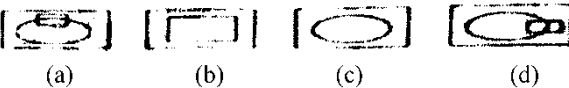
- a. Industries                      b. Inflammation  
c. Insulation                      d. Insulin

**Direction (141-146):** There are two sets of figure under problem figure. In the first set one figure bears some relation with the second figure of the same set. Bearing that relation pick up one figure from the answer a figure that bears the same relation with the first figure of 141.

141. Problem Figures



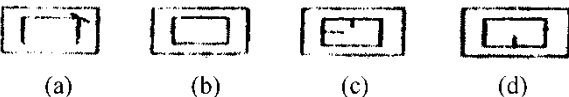
Answer Figures



142. Problem Figures



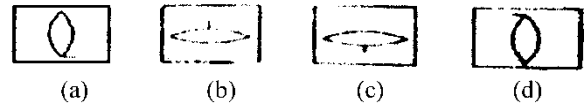
Answer Figures



143. Problem Figures



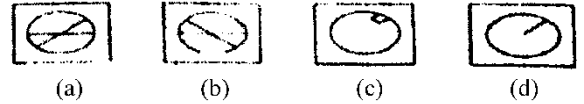
Answer Figures



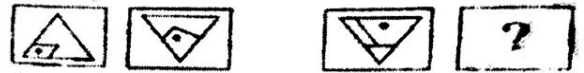
144. Problem Figures



Answer Figures



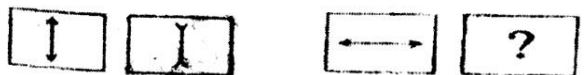
145. Problem Figures



Answer Figures



146. Problem Figures

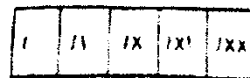


Answer Figures

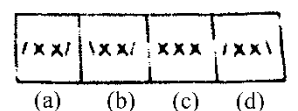


**Direction (147-148):** Find out the figure from the answer figure that will continue the series.

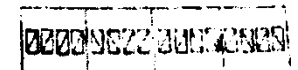
147. Problem Figures



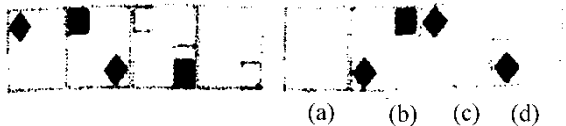
Answer Figures



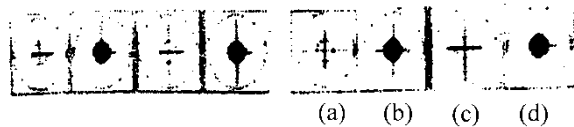
148.



149. Which figure completes the series:



150. Which figure completes the series:



**MATHEMATICS**

151. Kamal saves Rs. 485 every month. How much did he save in 5 years?

- a. 24250                      b. 26675  
 c. 28560                      d. 29100

152.  $5751 * \{145 - (\frac{90}{2})\} =$

- a. 0                              b. 639  
 c. 5715                         d. None

153. Three bags of wheat contain 120 kg 125 kg and 100 kg wheat. If each bag is to be emptied in smaller sacks of equal weights, how much wheat is to be filled in each small sack:

- a. 5 kg                              b. 10 kg  
 c. 15 kg                            d. 25 kg

154. A box has 25 balls of which 9 are red and the rest are yellow. Ashu picks one third of the red balls and half of the yellow balls. What fractions of the balls are left in the box?

- a.  $\frac{11}{16}$                               b.  $\frac{11}{25}$   
 c.  $\frac{14}{25}$                               d.  $\frac{16}{25}$

155. Which of the following contains the type of angles in correct ascending order of their measures:

- a. Acute, Obtuse, Right, Straight, Reflex  
 b. Acute, Right, Obtuse, Reflex, Straight  
 c. Acute, Right, Obtuse, Straight, Reflex

d. Acute, Obtuse, Straight, Right, Reflex

156. Which of the following is a true statement:

- a. A diameter is the smallest chord of a circle  
 b. Any part of a circle is called a chord  
 c. Any part of a circle is called its perimeter  
 d. Half of a circle with its diameter is called a half circle.

157. If the diameter of a circle is 3.5 cm, its circumference would be:

- a. 11 cm                              b. 14 cm  
 c. 22 cm                              d. 16.5 cm

158. The perimeter and area of a square are numerically equal. The length of a side of the square would be:

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

159. Volume of cuboids is  $\frac{1}{8}$  cu. m. What is its volume in cu. cm?

- a. 12500                              b. 25000  
 c. 125000                            d. 250000

160. Find the greatest 5-digit number divisible by 14:

- a. Rs. 400                              b. Rs. 500  
 c. Rs. 220                              d. Rs. 540

162. Simplify the following in decimal form:

$$1 + \frac{1}{10} + \frac{1}{100} + \frac{1}{1000}$$

- a. 1.0001                              b. 1.111  
 c. 1.001                              d. 0.111

163. Find the value of:  $\sqrt{1\frac{7}{9}}$

- a. 3                                      b. 9  
 c. 2                                      d.  $1\frac{1}{3}$

164. 1 Million is equal to how many lakh:

- a. 1                                      b. 10

- c. 100                                      d. 1000
- 165.** A box contains 500000 medicine tablets each weighting 10 mg. What is the total weight of all the tablets in the box in kilograms?
- a. 5,00,000                                  b. 50,000  
 c. 5    d. 500
- 166.** The sum of a natural number with a whole number is always:
- a. 0    b. 100  
 c. even number                              d. a natural number
- 167.** Shubham painted  $\frac{2}{3}$  of the wall and his sister painted  $\frac{1}{3}$  of the wall space. How much did they paint together?
- a.  $\frac{2}{3}$     b.  $\frac{1}{3}$   
 c. 1    d.  $\frac{1}{2}$
- 168.** The ratio of 90 cm to 1.5 m is \_\_\_\_ .
- a. 3:5    b. 5:3  
 c. 60:1                                         d. 4:3
- 169.** If a room has dimensions 50 m by 30 m, a square carpet of side 20 m is laid on floor, then the area not carpeted is:
- a.  $110 \text{ m}^2$                                     b.  $1110 \text{ m}^2$   
 c.  $1100 \text{ m}^2$                                  d.  $1220 \text{ m}^2$
- 170.** A chess board has an area of  $100 \text{ m}^2$ . Its perimeter is \_\_\_\_.
- a. 25 m                                        b. 40 m  
 c. 10 m                                        d. 20 m
- 171.** The length of side of a regular pentagon whose perimeter is 45 cm:
- a. 225 cm                                    b. 9 cm  
 c. 22.5 cm                                    d. 7.5 cm
- 172.** A goods train crosses 2 km long bridge in 3 min. If length of the train is half of the bridge, then find the speed of the train:
- a. 45 km/hr.                                b. 40 km/hr.  
 c. 80 km/hrs.                                d. 60 km/hr.
- 173.** A woman is sells 4 sarees at the cost price of 5 sarees. Find her gain percent:
- a. 25%                                        b. 20%  
 c. 10%                                         d. 20% loss
- 174.** Mamta ate  $\frac{3}{4}$  of a pizza and Shaloo ate  $\frac{2}{3}$  of the same pizza. How much more did Mamta eat than Shaloo
- a.  $\frac{1}{6}$     b.  $\frac{1}{12}$   
 c.  $\frac{5}{6}$     d.  $\frac{5}{12}$
- 175.** If  $\frac{4137}{1.75} = 2364$ , then  $\frac{41.37}{17.5} =$
- a. 23.64                                        b. 2.364  
 c. 0.2364                                      d. 236.4
- 176.** If 1<sup>st</sup> of March is Friday then the number of Sundays in the month of March of that year would be:
- a. 7    b. 4  
 c. 5    d. 6
- 177.** Two angles of a triangle are as  $98\frac{1}{2}$  degree and  $33\frac{1}{2}$  degree respectively. Then the measure of third angle would be:
- a.  $48^\circ$                                         b.  $58^\circ$   
 c.  $63^\circ$                                         d.  $72^\circ$
- 178.** Selling price of a car is Rs. 660000. If gain percent of dealer is 10%. Its cost price will be:
- a. 7,26,000                                    b. 6,60,000  
 c. 6,00,000                                    d. 5,40,000
- 179.** A sum of money amounts Rs. 390 in 2 years at the rate of interest of 15%. Find sum:
- a. 450    b. 507

- c. 300                                      d. 273
- 180.** 32 dozen bananas are to be distributed among 48 students. How many bananas will each student get?
- a.  $\frac{2}{3}$                                       b.  $\frac{3}{2}$   
c. 8    d. 18
- 181.** Which of the following is true:
- a.  $\frac{7}{0} = 7$                                       b.  $\frac{7}{0} = 0$   
c.  $\frac{7}{0} = \frac{0}{7}$                                       d.  $\frac{0}{7} = 0$
- 182.** I am planting 50 apples trees and 30 peach trees. I want the same number and type of trees per row. What is the maximum number of tree I can plant per row?
- a. 5    b. 10  
c. 12    d. 7
- 183.**  $7 + \frac{3}{4} + 0.5$  is equal to:
- a. 8.25                                      b.  $\frac{11}{4}$   
c.  $\frac{13}{4}$     d.  $\frac{18}{8}$
- 184.** The product of two number is 4936. If one of them is 617 other is
- a. 8    b. 3045512  
c. 16    d. 18
- 185.** What is the Roman numeral for 199:
- a. CXCIX                                      b. XCCIX  
c. ICC    d. CIC
- 186.**  $23 - 3.5 + \frac{1}{2}$  is equal to:
- a. 19    b.  $19\frac{1}{2}$   
c. 20    d.  $20\frac{1}{2}$
- 187.** Ajay exercises every 12 days and Ishan every days. Ajay and Ishan both exercised today. How many days will it be until they exercise together again:
- a. 24    b. 22  
c. 20    d. 26
- 188.** Find the quotient:  $\frac{106.56}{1.2}$
- a. 88.2    b. 88.4  
c. 88.6    d. 88.8
- 189.** A triangle whose sides are not of equal measure is called:
- a. Equilateral triangle  
b. Scalene triangle  
c. Isosceles triangle  
d. Acute angle triangle
- 190.** What number should be subtracted from 8784765 to get 2314678:
- a. 6570087                                      b. 6470087  
c. 6570077                                      d. 6470077
- 191.** The line segment joining two points on the circumference of the circle is called:
- a. Radius    b. Chord  
c. Diameter                                      d. Semi-circle
- 192.** A cube has a volume of  $64 \text{ cm}^3$ . When the length of each edge of the cube is doubled. What will be the volume of the cube formed?
- a.  $128 \text{ cm}^3$                                       b.  $256 \text{ cm}^3$   
c.  $512 \text{ cm}^3$                                       d.  $1024 \text{ cm}^3$
- 193.** A red ribbon has a length of 1 m 40 cm. A blue ribbon is 3 times as long. What is the length of the red and the blue ribbon together.
- a. 5 m 6 cm                                      b. 5 m 60 cm  
c. 5 m 80 cm                                      d. 5 m 8 cm
- 194.** If Rs. 3840 is invested in an account at 5% annual simple interest, how long will it take the account balance to grow to Rs. 4800:
- a. 3 years    b. 4 years  
c. 2 years    d. 5 years
- 195.** 30.1% in decimal form is written as:
- a. 3    b. 0.3  
c. 0.301    d. 0.31

- 196.** If a train travels a distance of 340 km in  $3\frac{5}{4}$  hours, find the speed at which it was travelling:
- a. 80 km/hr.                      b. 60 km/hr.  
c. 70 km/hr.                      d. 90 km/hr.
- 197.** A man bought a second hand music system for Rs. 6000 and spent Rs. 300 on its repair. He sold it at a profit of Rs. 1200. Find the selling price.
- a. Rs. 6300                      b. Rs. 7200  
c. Rs. 7500                      d. Rs. 7600
- 198.** Express 10 m/sec in km/hr.
- a. 10 km/hr.                      b. 72 km/hr.  
c. 45 km/hr.                      d. 36 km/hr.
- 199.** Compare: CDXLIX \_\_\_ CDLX
- a. >                                  b. <  
c. =                                  d. None
- 200.** Which of the following statements best describes two parallel lines:
- a. They meet at exactly one point.  
b. They meet at exactly two point  
c. They always remain at the same distance  
d. They form a right angle

## **ANSWER KEY**

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