ENGLISH

DIRECTIONS (1–5): Choose the opposite word of the following:

1. Gradual
   - (a) Abrupt
   - (b) Regular
   - (c) Gentle
   - (d) Slow

2. Hope
   - (a) Courage
   - (b) Doubt
   - (c) Optimism
   - (d) Chance

3. Widespread
   - (a) Overall
   - (b) Famous
   - (c) Limited
   - (d) General

4. Toxic
   - (a) Lethal
   - (b) Venomous
   - (c) Harmful
   - (d) Healthy

5. Invade
   - (a) Surrender
   - (b) Seize
   - (c) Attack
   - (d) Assault

DIRECTIONS (6–10): Choose the correct meaning of the idioms/proverbs given below:

6. Palsy-wally friends
   - (a) Good friends
   - (b) Friends who help each other with some interest
   - (c) Friends by choice, and not by chance
   - (d) Unfriendly

7. Pull your socks up
   - (a) To get well-dressed for the occasion
   - (b) Improve your work or behaviour
   - (c) To speak in an honest way without hesitation
   - (d) To be in control of an organization, often secretly

8. To get under somebody's skin
   - (a) To deceive someone
   - (b) To admire someone
   - (c) To annoy someone
   - (d) To support someone

9. Fire in the belly
   - (a) Fear and hatred
   - (b) Powerful ambition
   - (c) Love and dedication
   - (d) Lethargy and indifference

10. Be over the hill
    - (a) To be on a mountain top
    - (b) To travel in the jungle
    - (c) To be too old to do things
    - (d) To do something in the most complete way

DIRECTIONS (11–15): Choose the word which best expresses the meaning of the given words:

11. Prompt
    - (a) Lengthy
    - (b) Slow
    - (c) Quick
    - (d) Gradual

12. Dedicated
    - (a) Tedious
    - (b) Boring
    - (c) Committed
    - (d) Dreary

13. Yield
    - (a) Orchard
    - (b) Harvest
    - (c) Plantation
    - (d) Garden

14. Numerous
    - (a) Numbered
    - (b) Few
    - (c) Totalled
    - (d) Several

15. Transmit
    - (a) Accept
    - (b) Receive
    - (c) Convey
    - (d) Catch

DIRECTIONS (16–20): Choose the correct spelling:

16. (a) Emancipation
    - (b) Emancipasion
    - (c) Emencipation
    - (d) Emansipation

17. (a) Prejudice
    - (b) Prejudise
    - (c) Predjudice
    - (d) Prejudis

18. (a) Surgeon
    - (b) Surjon
    - (c) Surgen
    - (d) Surjun

19. (a) Potateos
    - (b) Potatoes
    - (c) Potatose
    - (d) None of the above

20. (*a*) Ireversible   (*b*) Irreversible
    (*c*) Irrevarsible   (*d*) Irravarsible

DIRECTIONS (21–25): Give one word for the following:

21. A person who is trained to travel in a spacecraft
    (*a*) Choreographer   (*b*) Chauffeur
    (*c*) Astronaut   (*d*) Anchor

22. A group of stars
    (*a*) Astronomy   (*b*) Planets
    (*c*) Congregation   (*d*) Constellation

23. Having no boundaries or limits
    (*a*) Infinite   (*b*) Colossal
    (*c*) Enormous   (*d*) Tremendous

24. A large cage, building, or enclosure to keep birds
    (*a*) Arena   (*b*) Aquarium
    (*c*) Aviary   (*d*) Zoo

25. A sentimental longing for a period in the past
    (*a*) Nostalgia   (*b*) Craving
    (*c*) Memory   (*d*) Emotion

DIRECTIONS (26–30): Read the passage carefully and answer the questions that follow:

Ahmed has recently found a job as a bus driver in Middlesbrough, England. He works the morning shift from 5:30 to 1:30 and sometimes he has the evening shift finishing around 8 pm. His bus number is number 9 to Whitby, which runs east and west along Borough road. His route is busy, but it is in a nice part of town. Ahmed likes his job very much because he meets loads of people. He works three hours on Saturdays and has the day off on Sunday. He usually spends Sundays with his family or plays golf with his friends. Next year, Ahmed will be 62 and he is thinking of retiring. His wife wants him to work a little longer because they still owe money for the car they bought. Ahmed has worked hard for the past 40 years, and he wants to retire as soon as possible. He is not worried about money, because one day he hopes to win the lottery.

26. Ahmed is not worried about money, because one day he hopes to win the _____.
    (*a*) Golf match   (*b*) Lottery
    (*c*) Court case   (*d*) Bet

27. What is the opposite of 'usually?
    (*a*) Generally   (*b*) Normally
    (*c*) Regularly   (*d*) Rarely

28. Ahmed has been working for the last ____ years.
    (*a*) 10   (*b*) 20   (*c*) 40   (*d*) 30

29. Why does Ahmed like his job?
    (*a*) Because he gets a lot of money
    (*b*) Because he gets to meet a lot of people
    (*c*) Because he gets to sleep
    (*d*) Because it increases his chance of winning lottery

30. Which day of the week does Ahmed has the day off?
    (*a*) Sunday   (*b*) Monday
    (*c*) Saturday   (*d*) Wednesday

DIRECTIONS (31–35): Identify the correct parts of the speech of the underlined words:

31. The teacher's <u>shoes</u> are red.
    (*a*) noun   (*b*) adjective
    (*c*) verb   (*d*) pronoun

32. I always <u>walk</u> to school.
    (*a*) noun   (*b*) adjective
    (*c*) verb   (*d*) adverb

33. The <u>cat</u> sleeps all day.
    (*a*) noun   (*b*) adjective
    (*c*) verb   (*d*) pronoun

34. He had a <u>green</u> ball.
    (*a*) noun   (*b*) adjective
    (*c*) verb   (*d*) adverb

35. Grandma <u>baked</u> cookies.
    (*a*) noun   (*b*) adjective
    (*c*) verb   (*d*) adverb

36. Tom _____ to school every day.
    (*a*) goes   (*b*) went
    (*c*) is going   (*d*) has gone

37. Mona _____ her report yesterday.
    (*a*) finishes   (*b*) finished
    (*c*) is finishing   (*d*) has finished

38. Nick _____ his car every Saturday.
    (*a*) washes   (*b*) washed
    (*c*) is washing   (*d*) has washed

39. They _____ Berlin two years ago.
    (*a*) leave   (*b*) left
    (*c*) is leaving   (*d*) have left

40. Pam _____ a nice dog at the moment.
    (*a*) draws   (*b*) drew
    (*c*) is drawing   (*d*) has drawn

DIRECTIONS (41–45): Rearrange the following in a sequence to form meaningful sentences and choose the correct options:

41. people/among/the/harmony/should/promote/one
    (*a*) The people should promote harmony among one.
    (*b*) One should promote harmony among the people.
    (*c*) One should harmony promote the people among.
    (*d*) The people promote one should harmony among

42. Nehru/studies/part of/his/childhood/spent/most/in
    (*a*) Nehru spent most part of his childhood in studies.
    (*b*) In studies Nehru spent most part of his childhood.
    (*c*) Nehru spent in studies most part of his childhood.
    (*d*) His childhood most part of Nehru spent in studies.

43. The/dirty/made/me sick/of the/gutter/smell
    (*a*) The smell of the gutter made me sick dirty.
    (*b*) Gutter made me sick the smell of the dirty.
    (*c*) The dirty smell of the gutter made me sick.
    (*d*) Gutter smell made me sick of the dirty.

44. Democracy/Indian Constitution/of our/primary goal/is the
    (*a*) Indian constitution is the primary goal of our democracy.
    (*b*) Democracy is the primary goal of our Indian Constitution.
    (*c*) Primary goal of our democracy is the Indian constitution.
    (*d*) Our democracy is the Indian constitution of our primary goal.

45. Money/is not/all/evils/root of/the
    (*a*) Root of all evils is not the money.
    (*b*) All evils is not the root of the money.
    (*c*) Money all the root of is not evils.
    (*d*) Money is not the root of all evils.

DIRECTIONS (46–50): Complete the following passage by choosing the correct option from those given below:

I have always enjoyed flying. I was'nt afraid (46) _____ my mother and I boarded LANSA Airlines flight 508. Some people had (47) _____ flying LANSA because of a recent crash. But (48) _____ and I had a good reason for flying: I had just (49) _____ secondary school in Lima, and we wanted to (50) _____ Christmas with my father in our jungle hut.

46. (*a*) if   (*b*) where
    (*c*) when   (*d*) how

47. (*a*) given out   (*b*) given away
    (*c*) given in   (*d*) given up

48. (*a*) father   (*b*) brother
    (*c*) mother   (*d*) sister

49. (*a*) finishes   (*b*) finishing
    (*c*) finished   (*d*) finish

50. (*a*) live   (*b*) leave
    (*c*) spend   (*d*) stay

GENERAL KNOWLEDGE AND CURRENT AFFAIRS

51. National Sports Day is celebrated on _____ every year to mark the birth anniversary of legendary hockey player Major Dhyan Chand.
    (*a*) 29 August   (*b*) 29 July
    (*c*) 20 September   (*d*) 29 September

52. In hockey how many players does each team have?
    (*a*) 10   (*b*) 12   (*c*) 11   (*d*) 9

53. B.C. Roy Award is given in the field of _____.
    (*a*) Music   (*b*) Sports
    (*c*) Medicine   (*d*) Literature

54. Dadasaheb Phalke Award is given for:
    (*a*) Literature   (*b*) Social welfare
    (*c*) Drama   (*d*) Films

55. How many categories of Nobel Prize are awarded each year?
    (*a*) 5   (*b*) 7   (*c*) 4   (*d*) 6

56. Which of the following organizations has its headquarters in New York, US?
    (*a*) New Development Bank
    (*b*) UNCTAD
    (*c*) International Labour Organization
    (*d*) United Nations Organization

57. UN Day is celebrated on:
    (*a*) 23 September   (*b*) 24 December
    (*c*) 24 November   (*d*) 24 October

58. Who invented Airplane?
    (*a*) Mendeleev   (*b*) Oswald Mosley
    (*c*) J.J. Thomson   (*d*) Wright Brothers

59. _____ invented Dynamite and was also the founder of Nobel Prizes.
    (*a*) Alfred Nobel   (*b*) Immanuel Nobel
    (*c*) Caroline Nobel   (*d*) None of these

60. Who is the author of the book named 'The Race of My life'?
    (*a*) Chris Gayle   (*b*) Milkha Singh
    (*c*) Anil Kumble   (*d*) Kapil Dev

61. What was the real name of Munshi Prem Chand?
    (*a*) Raghunath Sahay
    (*b*) S.H. Vatsayan
    (*c*) Dhanpat Rai Srivastava
    (*d*) Om Vasudeva

62. Which of the following dance symbolizes the element of fire?
    (a) Bharatanatyam   (b) Kuchipudi
    (c) Kathakali   (d) Mohiniattam

63. In which state did Bharatanatyam originate?
    (a) Odisha   (b) Gujarat
    (c) Rajasthan   (d) Tamil Nadu

64. Which of the following is the currency of Thailand?
    (a) Rupee   (b) Ringgit
    (c) Baht   (d) Yuan

65. Kabul is the capital of which country?
    (a) Iraq   (b) Iran
    (c) Afghanistan   (d) None of these

66. _____ is India's Central Bank.
    (a) RBI   (b) NABARD
    (c) ICICI   (d) State Bank of India

67. Who among the following is the supreme commander of the Indian Armed Forces?
    (a) The President of India
    (b) The Prime Minister of India
    (c) The Chief of Defence Staff
    (d) The Defence Minister

68. _____ was the new post made by the Government of India for the three armed forces in 2019.
    (a) Chief of Army Staff   (b) Chief of Naval Staff
    (c) Chief of Air Staff   (d) Chief of Defence Staff

69. The Field Marshal rank has been awarded to only two officers, K.M. Cariappa and _____ till date.
    (a) General S.H.F.J. Sam Manekshaw
    (b) General Bikram Singh
    (c) General Bipin Singh Rawat
    (d) General Dalbir Singh Suhag

70. Ajanta Caves are located in which of the following states?
    (a) Madhya Pradesh   (b) Rajasthan
    (c) Karnataka   (d) Maharashtra

71. Which among the following monuments is also known as the Red Fort of Agra?
    (a) Agra Fort   (b) Taj Mahal
    (c) Fatehpur Sikri   (d) Hawa Mahal

72. Photosynthesis in plants converts light energy to _____ energy.
    (a) thermal   (b) chemical
    (c) kinetic   (d) physical

73. In which of the following processes is oxygen released into the air?
    (a) Photosynthesis   (b) Respiration
    (c) Transpiration   (d) Excretion

74. During heavy exercise, we get cramps in the legs due to the accumulation of
    (a) Carbon dioxide   (b) Lactic acid
    (c) Alcohol   (d) Water

75. How many bones are there in human spinal column?
    (a) 33   (b) 32   (c) 31   (d) 30

76. _____ are a connective tissue which connect two bones to each other.
    (a) Tendons   (b) Muscles
    (c) Cartilages   (d) Ligaments

77. Select the one that does not belong to that organ system to which the other three belong.
    (a) Brain   (b) Spinal cord
    (c) Nerves   (d) Lungs

78. Dengue is caused by
    (a) Bacteria   (b) Virus
    (c) Fungus   (d) Pollution

79. Infection with H5N1 leads to which one of the following diseases?
    (a) HIV   (b) Swine flu
    (c) Bird flu   (d) Fowl Cholera

80. Which of the following aquatic animals does NOT have gills?
    (a) Octopus   (b) Squid
    (c) Clown fish   (d) Whale

81. Bile Juice is formed in the
    (a) Kidney   (b) Salivary Gland
    (c) Liver   (d) Lung

82. The highest mountain of the world 'Mount Everest' is located in
    (a) Asia   (b) Antarctica
    (c) Australia   (d) North America

83. World's second largest continent is
    (a) Asia   (b) Africa
    (c) Antarctica   (d) Australia

84. World's largest number of active volcanoes are found in which of the following oceans?
    (a) Pacific Ocean   (b) Atlantic Ocean
    (c) Indian Ocean   (d) Arctic Ocean

85. The oceans cover _____ of the surface of the earth.
    (a) 50%   (b) 60%
    (c) 71%   (d) 80%

86. How many States and Union Territories are there in India?
    (a) 25 States and 7 Union territories
    (b) 28 States and 8 Union territories (Including National capital territory-1)
    (c) 24 States and 6 Union territories.
    (d) None of the above

87. India lies in the hemisphere _____
    (a) Northern and eastern (b) Southern and eastern
    (c) Northen and western   (d) Northern and southern

88. The biggest island of the Indian Ocean is
    (a) Maldives   (b) Madagascar
    (c) Lakshadweep   (d) Sumatra

89. Which is the National Flower of India?
    (a) Sunflower   (b) Lotus
    (c) Rose   (d) Marigold

90. Where is Badrinath Temple located?
    (a) Chamoli, Uttarakhand
    (b) Kochi, Kerala
    (c) Nagpur, Maharashtra
    (d) Varanasi, Uttar Pradesh

91. The Great Bath of Indus Valley civilsation is found at
    (a) Harappa   (b) Mohenjo-Daro
    (c) Ropar   (d) Kalibangan

92. Dayanand Saraswati was the founder of which of the following missions?
    (a) Brahmo Samaj   (b) Chinmaya Mission
    (c) Arya Samaj   (d) Prarthana Samaj

93. Which Indian State is known as 'Land of Five Rivers'?
    (a) Punjab   (b) Jammu & Kashmir
    (c) Haryana   (d) Uttar Pradesh

94. Where is the Headquarter of ISRO?
    (a) Chandipur   (b) Bengaluru
    (c) Mahendragiri   (d) Chennai

95. JAXA is a Space Agency of which country?
    (a) Jordan   (b) Japan
    (c) Jamaica   (d) Germany

96. Think tank of Government of Indian that replaced the Planning commission is?
    (a) NITI dharma   (b) NITI Vakya
    (c) NITI Shashan   (d) NITI Aayog

97. Who was the Prime Minister of India during Indo-Pak war in 1965?
    (a) Jawaharlal Nehru   (b) Indira Gandhi
    (c) Lal Bahadur Shastri (d) Rajiv Gandhi

98. VINBAX is India's Military exercise with which country?
    (a) Thailand   (b) Indonesia
    (c) Vietnam   (d) Mongolia

99. In which sport did India win highest number of gold medals in Commonwealth games 2022?
    (a) Table Tennis   (b) Badminton
    (c) Boxing   (d) Wrestling

100. Which of the following books have the selected speeches of the former President of India Ram Nath Kovind?
    (a) Listen to your Heart
    (b) Loktantra Ke Swar
    (c) Loktantra Meri Pehchan
    (d) The India Story

INTELLIGENCE TEST

101. Three of the following figure are alike in a certain way. Choose the one that is different from the rest.

    (a)   (b)   (c)   (d)
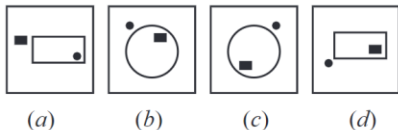
102. In the following series, the numbers are changing in a specific order. If they continue to change in the same way, what will be the next term?
    2, 3, 6, 18, ?
    (a) 90   (b) 96   (c) 108   (d) 180

103. Find the missing term.
    9, 14, 24, 39, 59, ?
    (a) 94   (b) 89   (c) 84   (d) 104

104. Arrange the given words in alphabetical order and choose the word which comes first.
    (a) Silver   (b) Sight   (c) Simple   (d) Simulation

105. Arrange the given words in alphabetical order and choose the word which comes last.
    (a) Capstone   (b) Charismatic
    (c) Cardamom   (d) Careful

106. Arrange the given words in the sequence in which they occur in the dictionary and choose the correct sequence.
    1. Theory   2. Therefore   3. Thesis
    4. Thigh   5. Team
    (a) 12345   (b) 51234   (c) 43215   (d) 54123

107. If a mirror is placed on the line XY, then which of the answer figures is the right image of the given figure?
    Question Figure

    Answer Figures

    (a)   (b)   (c)   (d)
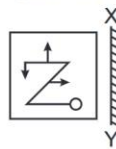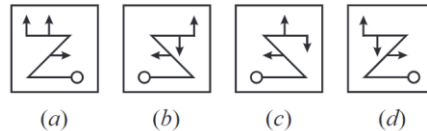
108. If a mirror is placed on the line XY, then which of the answer figures is the right image of the given figure?
    Question Figure
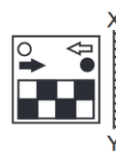
    Answer Figures
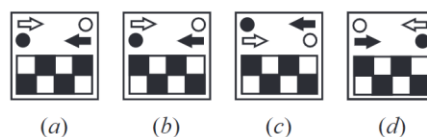
    (a)   (b)   (c)   (d)

109. If a mirror is placed on the line XY, then which of the answer figures is the right image of the given figure?

Question Figure
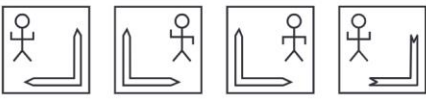
Answer Figure

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

110. Find the next two terms of the following number series.
87, 80, 72, 63, 53, ?, ?
(a) 42, 30   (b) 42, 31   (c) 41, 29   (d) 42, 20

111. Which of the following options will complete the pattern in the following figure?
Question Figure
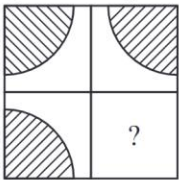
Answer Figures

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

112. Select a figure from the options in which figure (X) is exactly embedded as one of its part.
Question Figure

(X)

Answer Figures
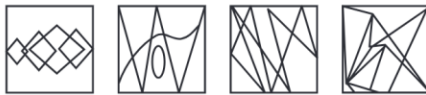
    (a)   (b)   (c)   (d)

113. Find out the missing word.
Pencil : Wood :: Tyre : ?
(a) Wheel   (b) Car
(c) Rubber   (d) Plastic

114. Flowers : Bouquet :: Cow : ?
(a) Herd   (b) Shed
(c) Pack   (d) Flock

115. Dove : Bird :: Bat : ?
(a) Ball   (b) Mammal
(c) Night   (d) Vampire

116. From the given alternatives, select the word which cannot be formed by using the letters of the word – 'CHAMPIONSHIP'?
(a) SPINACH   (b) COMPAS
(c) SONIC   (d) MATCH

117. Choose the odd one out:
(a) 7321   (b) 9630   (c) 8540   (d) 8271

118. Select a figure from the options in which figure (X) is exactly embedded as one of its part.
Question Figure

(X)

Answer Figures

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

119. Which of the following will be the last digit of the lowest number after the position of the digits in each number is reversed?
848 785 243 941 135
(a) 9   (b) 4   (c) 3   (d) 5

120. Which of the following set of letters will complete the given letter series?
NGR, RJT, VMV, ?
(a) YQY   (b) YPX   (c) ZQY   (d) ZPX

121. In a certain code, ROBOTICS is written as OBORSCIT. How is FEARLESS written in that code?
(a) SSELREAF   (b) LESSFEAR
(c) REAFSSEL   (d) RAEFSSEL

122. If aunt is called brother, brother is called son-in-law, son-in-law is called daughter, and daughter is called grandfather. Then, husband of the daughter will be called?
(a) Son-in-law   (b) Aunt
(c) Daughter   (d) Son

123. In a class of 43 students, Anu is ranked 31st from the bottom, there are 12 students between Anu and Bhanu. What is Bhanu's rank from the top?
(a) 24th   (b) 25th
(c) 26th   (d) Cannot be determined

124. Which of the following options will complete the pattern in the following figure?
Question Figure

Answer Figures

(a)　　(b)　　(c)　　(d)
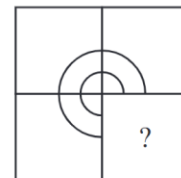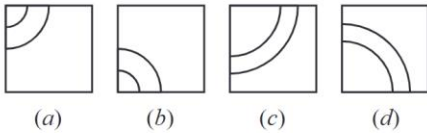
125. Some letters are given, which are numbered as 1, 2, 3, 4, 5, and 6. Find the combination of numbers from the options so that the letters arranged accordingly form a meaningful word.

E	U	L	T	S	F
1	2	3	4	5	6

(a) 632415　(b) 623145　(c) 534621　(d) 124536

**126.** Anoop walks 36 meters towards north. After this he turns towards right and walks 19 meters. He then turns towards his right and walks 17 meters. In which direction is he facing now?

(a) South　(b) East　(c) West　(d) North

127. There exists a relationship between the first two question figures. Similar relationship should exist between the third and fourth question figures. Select one of the answer figures which replaces the mark of interrogation.


(a)　　(b)　　(c)　　(d)
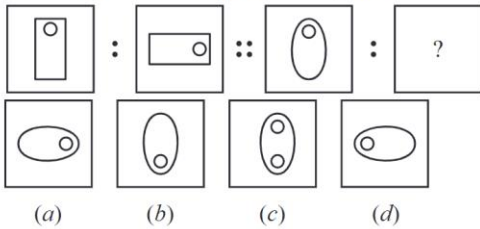
128. Which of the following options will complete the pattern in the following figure?

Question Figure

Answer Figures

(a)　　(b)　　(c)　　(d)
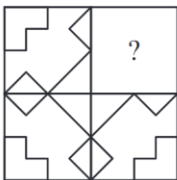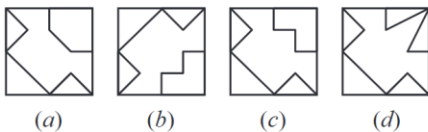
129. Find the number of triangles in the following
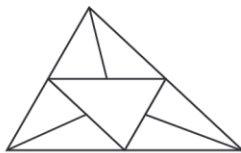
(a) 10　　(b) 11　　(c) 12　　(d) 9

130. If 'W' means '÷', 'V' means '×', 'Y' mean '+' and 'Z' means '−', then
2 Y 448 W 112 V 4 V 2 Y 8 Z 15 = '?'
(a) 27　　(b) 37　　(c) 36　　(d) 25

131. If every letter of the English alphabet interchanges its position with its third next letter, for example, A interchanges its position with D, B interchanges its position with E and so on, then which of the following will be the ninth letter from the left?
(a) K　　(b) J　　(c) L　　(d) I

DIRECTIONS (132–133): Study the following information to answer the questions given below it:

Ten persons are standing in two parallel rows facing each other. A, B, C, D and E are standing in row 1 facing towards north. P, Q, R, S and T are standing in row 2 facing towards south. The one who faces T, is standing second to the left of E. P is standing second to the right of T. Q is standing to the immediate left of R. B and S are facing each other. D is standing third to the right of A.

132. Who among the following is facing T?
(a) C　　(b) B　　(c) D　　(d) A

133. How many persons are standing between A and E?
(a) Three　(b) Two　(c) One　(d) None

134. In a certain code language, 'E' is coded as 5, 'L' is coded as '2', 'I' is coded as '6', and 'V' is coded as '3'. Find the code for 'EVIL'.
(a) 5326　(b) 5362　(c) 6532　(d) 3526

135. What comes in place of the question mark?
X C T F P I L ? H
(a) N　　(b) M　　(c) L　　(d) G

DIRECTIONS (136–137): Study the following pictograph to answer the questions given below it.

The following pictograph shows the number of goals scored by Ronaldo in the past 6 years.

Scale # = 7 goals

Year	Goals
2015	# # # # #
2016	# # # # # #
2017	# # # #
2018	# # # # # # #
2019	# # # # # #
2020	# # #

136. In which of the following the number of goals scored by Ronaldo were more than the number of goal scored by him in the preceding year?
(a) 2016　(b) 2017　(c) 2019　(d) 2020

137. What is the difference between the number of goals scored by Ronaldo in 2018 and 2020?
(a) 28　　(b) 21　　(c) 35　　(d) 14

138. In a certain code language, 'Bird' is called 'Bike', 'Bike' is called 'Cup', 'Cup' is called 'Shoe', and 'Shoe' called 'Candy', then which of the following is used to serve tea?
(a) Cup　　(b) Book　(c) Shoe　(d) Candy

139. Select the related letters from the given alternatives.
VNFG : RJBC :: XJKE : ?
(a) EFGB   (b) GFTA   (c) TFGA   (d) AGFE

**140.** Identify the missing figure from the answer figures to complete the matrix given below.

Question Figure

Answer Figures

    (a)   (b)   (c)   (d)
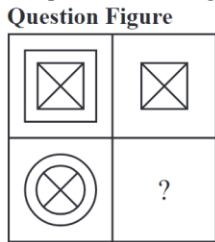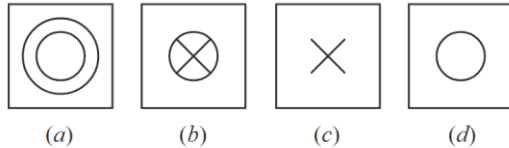
141. Select the option figure that will replace the interrogation mark in the following series.

    (a)   (b)   (c)   (d)
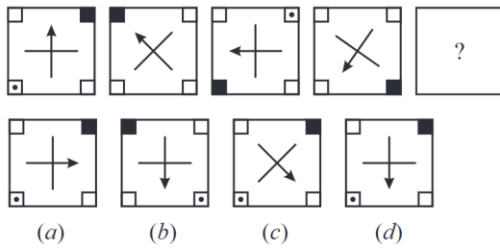
142. If A denotes –, B denotes ÷, C denotes + and D denotes ×, then 23A8D3C4B4 = ?
(a) 27   (b) 24   (c) 1   (d) 0

143. Among five friends viz. P, Q, R, S and T, P is taller than S, but shorter than Q. R is shorter than S, but not the shortest. How many persons are taller than T?
(a) Four   (b) Three   (c) Two   (d) One

144. A series is given with one term missing. Choose the correct alternatives from the given ones that will complete the series.
CW, FT, IQ, LN, OK, ?
(a) RI   (b) RH   (c) SH   (d) SI

145. Anoop is 12 years older than Aman. What is the age of Aman when Anoop is thrice as old as Aman?
(a) 12 years   (b) 4 years   (c) 6 years   (d) 30 years

146. Identify the diagram that best represents the relationship among the following classes.
Polygon, Rectangle, Square, Circle.

    (a)   (b)   (c)   (d)
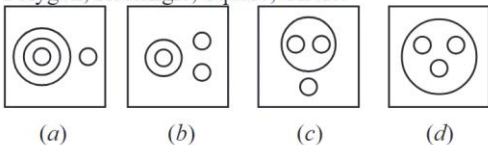
147. Which answer figures illustrate the relationship between: Father, Indian, Sons.

    (a)   (b)   (c)   (d)
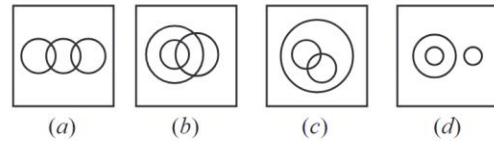
148. How many non-leap years were there between 1979 to 2021?
(a) 30   (b) 39   (c) 29   (d) 31

149. Jay is the father of Bob, Sia is the mother of Jia whose paternal uncle is Bob. Bob is the brother of Ram who has only one sibling. How is Sia related to Jay?
(a) Daughter   (b) Niece
(c) Daughter-in-law   (d) Aunt

150. Choose the word which is different from the rest.
(a) Dove   (b) Peacock   (c) Ostrich   (d) Parrot

MATHEMATICS

151. Find the sum of all prime numbers from 1 to 20.
(a) 70   (b) 77   (c) 72   (d) 65

152. The H.C.F. of 24, 60 and 120 is
(a) 6   (b) 4   (c) 12   (d) 10

153. Which of following numbers are is divisible by 9?
(a) 245316   (b) 403215   (c) 703424   (d) 182745

154. The value of $0.4 \times 0.01 - 0.2 \times 0.001$ is
(a) 0.0028   (b) 0.0037   (c) 0.0038   (d) 0.0026

155. Find the given sum in decimal $25 + 4 + \dfrac{3}{10} + \dfrac{4}{100}$
(a) 28.34   (b) 29.34   (c) 25.24   (d) 27.24

156. The smallest composite number which is a perfect cube is:
(a) 9   (b) 16   (c) 4   (d) 8

157. The sum of the greatest and smallest 5-digit numbers formed by using the digits 4, 0, 5, 2, 7 and 9 without repetition, is:
(a) 117999   (b) 87999   (c) 107999   (d) 127999

158. Which of the following statements is correct?
(a) zero is an odd number.
(b) zero is a even numbe.
(c) zero is a prime number.
(d) zero is neither odd nor even number.

159. Find the sum of all numbers less than 40 which are divisible by 6.
(a) 120   (b) 122   (c) 126   (d) 130

160. Find the value of 20% of 135 + 35% of 147.
(a) 74.45   (b) 78.45   (c) 72.45   (d) 75.35

161. If the dividend is 102, quotient is 2 and remainder is 6, then find the divisor.
(a) 48   (b) 40   (c) 45   (d) 42

162. Find the sum of the place value and the face alue of 2 in 932576.
(a) 2003   (b) 3002   (c) 4002   (d) 2002

163. Express $\frac{7}{15}$ as percentage.

(a) $45\frac{2}{3}\%$ (b) $41\frac{2}{3}\%$ (c) $46\frac{2}{3}\%$ (d) $40\frac{2}{3}\%$

164. What percent of 5 km is 350 metres?
(a) 9% (b) 8% (c) 7% (d) 12%

165. $\frac{3}{4} \div 2\frac{1}{4}$ of $\frac{2}{3} + \frac{1}{5} \times 3\frac{1}{3} = ?$

(a) $1\frac{1}{6}$ (b) $1\frac{1}{5}$ (c) $1\frac{1}{8}$ (d) $1\frac{1}{9}$

166. If $\sqrt{2304} = 48$, then find the value of $\sqrt{2304} + \sqrt{23.04} + \sqrt{0.2304}$.

(a) 50.28 (b) 53.28 (c) 49.38 (d) 54.28

167. Find the supplementary angle of 37.5°.
(a) 140.5° (b) 138.5° (c) 142.5° (d) 145.5°

168. The price of 8 pens is ₹ 168. What is the price of 6 pens?
(a) ₹ 120 (b) ₹ 140 (c) ₹ 132 (d) ₹ 126

169. Find the smallest number which when divided by 12, 24, 36 and 54 leaves a remainder 8 in each case.
(a) 210 (b) 224 (c) 26 (d) 220

170. The H.C.F. of 48, 72 and 144 is:
(a) 12 (b) 16 (c) 8 (d) 24

171. Find the simple interest on ₹ 20000 for 6 months at 5% per annum.
(a) ₹ 500 (b) ₹ 400 (c) ₹ 450 (d) ₹ 480

172. The population of a village is 150000. If 45% of them are females, the find the number of males.
(a) 72500 (b) 80500 (c) 82500 (d) 75500

173. The perimeter of a square is 40 cm. Find its area.
(a) 100 cm^2 (b) 160 cm^2 (c) 200 cm^2 (d) 400 cm^2

174. The perimeter of a rectangle is 80 cm. Its length is three times its breadth. Find the area of the rectangle.
(a) 280 cm^2 (b) 300 cm^2
(c) 400 cm^2 (d) 250 cm^2

175. Find the average of first five composite numbers.
(a) 7.4 (b) 7 (c) 8 (d) 9

176. What is difference between the largest number of six digits and the smallest number of five digits?
(a) 979999 (b) 899999
(c) 968999 (d) 989999

177. Find the average of first six multiple of 12.
(a) 38 (b) 36
(c) 42 (d) 45

178. Which of the following measures of three angles can be those of a triangle?
(a) 50°, 39°, 71° (b) 62°, 69°, 59°
(c) 42°, 58°, 80° (d) 52°, 69°, 79°

179. Find the value of $18 + [15 - \{16 \div (10 - 3 \times 2)\}]$.
(a) 25 (b) 29
(c) 22 (d) 27

180. Convert 15 centimetres into decametres
(a) 0.15 dam (b) 1.5 dam
(c) 0.0015 dam (d) 0.015 dam

181. Convert 1004 paise into rupees.
(a) 10 rupees 4 paise (b) 10 rupees 40 paise
(c) 100 rupees 4 paise (d) 1 rupee 40 paise

182. A train is running at the speed of 72 km/h. How much distance will it cover in 20 seconds?
(a) 500 m (b) 400 m
(c) 480 m (d) 550 m

183. Find the value of $2.4 \div 0.6 \times 2 - 0.05 + 1$.
(a) 7.95 (b) 6.95
(c) 8.95 (d) 8.75

184. Which of following fraction is the smallest?
(a) $\frac{5}{7}$ (b) $\frac{2}{3}$
(c) $\frac{3}{5}$ (d) $\frac{2}{9}$

185. A car travels 357 km in 42 litres of petrol. How much distance will it cover in 12 litres of petrol?
(a) 102 km (b) 100 km
(c) 96 km (d) 98 km

186. If the sum of two angles is 90°, then it is called _____.
(a) Supplementary angle (b) Complementary angle
(c) Right angle (d) None of these

187. If the price of one dozen articels is ₹ 672, what will be the cost of 15 articles?
(a) ₹ 800 (b) ₹ 720
(c) ₹ 840 (d) ₹ 680

188. 20 persons can complete a piece of work in 44 days. In how many days the same work can be completed by 11 persons?
(a) 72 days (b) 84 days
(c) 80 days (d) 75 days

189. A man purchased a table for ₹ 550 and sold if for ₹ 700. Find his profit percent.
(a) 20% (b) 25%
(c) 22% (d) 27.27%

190. A man purchased a cow for ₹ 22000 and sold it at a profit of 10%. Find the selling price of the cow.
(a) ₹ 24200   (b) ₹ 25200
(c) ₹ 25500   (d) ₹ 24000

191. What is 80% of 20 minutes?
(a) 900 sec   (b) 960 sec
(c) 820 sec   (d) 850 sec

192. The circumference of a circel is 66 cm. Find the area of the circle?
(a) 340 cm^2 (b) 350 cm^2
(c) 346.5 cm^2 (d) 342.5 cm^2

193. How many factors of 24?
(a) 6   (b) 10
(c) 9   (d) 8

194. If $2(x+5) = -10$, then find the value of x.
(a) -10 (b) 10
(c) 16   (d) 12

195. An angle which is greater than 90° but less than 180°, is called _____
(a) Acute angle   (b) Right angle
(c) Obtuse angle   (d) Reflex angle

196. A polygon which has 8 sides is called _____.
(a) Quadrilateral   (b) Hexagoan
(c) Heptagon   (d) Octagon

197. The average of the eight numbers is 25. If the average of first five numbers is 22, then find the average of the remaining three numbers.
(a) 33   (b) 30
(c) 36   (d) 29

198. Find the value of $5492 \times 78 + 5492 \times 22$.
(a) 549299   (b) 407529
(c) 549200   (d) 492200

199. In a school, $\frac{3}{5}$ of the students are boys and the number of girls is 800. Find the number of boys.
(a) 800   (b) 1500
(c) 1200   (d) 2000

200. Write 428 in roman numberals.
(a) CLXXVIII   (b) CDXXVIII
(c) CLXXVII   (d) XCVIII

[ANSWER SHEET–1]

Q.No.	(a)	(b)	(c)	(d)	Q.No.	(a)	(b)	(c)	(d)	Q.No.	(a)	(b)	(c)	(d)	Q.No.	(a)	(b)	(c)	(d)
1	○	○	○	○	51	○	○	○	○	101	○	○	○	○	151	○	○	○	○
2	○	○	○	○	52	○	○	○	○	102	○	○	○	○	152	○	○	○	○
3	○	○	○	○	53	○	○	○	○	103	○	○	○	○	153	○	○	○	○
4	○	○	○	○	54	○	○	○	○	104	○	○	○	○	154	○	○	○	○
5	○	○	○	○	55	○	○	○	○	105	○	○	○	○	155	○	○	○	○
6	○	○	○	○	56	○	○	○	○	106	○	○	○	○	156	○	○	○	○
7	○	○	○	○	57	○	○	○	○	107	○	○	○	○	157	○	○	○	○
8	○	○	○	○	58	○	○	○	○	108	○	○	○	○	158	○	○	○	○
9	○	○	○	○	59	○	○	○	○	109	○	○	○	○	159	○	○	○	○
10	○	○	○	○	60	○	○	○	○	110	○	○	○	○	160	○	○	○	○
11	○	○	○	○	61	○	○	○	○	111	○	○	○	○	161	○	○	○	○
12	○	○	○	○	62	○	○	○	○	112	○	○	○	○	162	○	○	○	○
13	○	○	○	○	63	○	○	○	○	113	○	○	○	○	163	○	○	○	○
14	○	○	○	○	64	○	○	○	○	114	○	○	○	○	164	○	○	○	○
15	○	○	○	○	65	○	○	○	○	115	○	○	○	○	165	○	○	○	○
16	○	○	○	○	66	○	○	○	○	116	○	○	○	○	166	○	○	○	○
17	○	○	○	○	67	○	○	○	○	117	○	○	○	○	167	○	○	○	○
18	○	○	○	○	68	○	○	○	○	118	○	○	○	○	168	○	○	○	○
19	○	○	○	○	69	○	○	○	○	119	○	○	○	○	169	○	○	○	○
20	○	○	○	○	70	○	○	○	○	120	○	○	○	○	170	○	○	○	○
21	○	○	○	○	71	○	○	○	○	121	○	○	○	○	171	○	○	○	○
22	○	○	○	○	72	○	○	○	○	122	○	○	○	○	172	○	○	○	○
23	○	○	○	○	73	○	○	○	○	123	○	○	○	○	173	○	○	○	○
24	○	○	○	○	74	○	○	○	○	124	○	○	○	○	174	○	○	○	○
25	○	○	○	○	75	○	○	○	○	125	○	○	○	○	175	○	○	○	○
26	○	○	○	○	76	○	○	○	○	126	○	○	○	○	176	○	○	○	○
27	○	○	○	○	77	○	○	○	○	127	○	○	○	○	177	○	○	○	○
28	○	○	○	○	78	○	○	○	○	128	○	○	○	○	178	○	○	○	○
29	○	○	○	○	79	○	○	○	○	129	○	○	○	○	179	○	○	○	○
30	○	○	○	○	80	○	○	○	○	130	○	○	○	○	180	○	○	○	○
31	○	○	○	○	81	○	○	○	○	131	○	○	○	○	181	○	○	○	○
32	○	○	○	○	82	○	○	○	○	132	○	○	○	○	182	○	○	○	○
33	○	○	○	○	83	○	○	○	○	133	○	○	○	○	183	○	○	○	○
34	○	○	○	○	84	○	○	○	○	134	○	○	○	○	184	○	○	○	○
35	○	○	○	○	85	○	○	○	○	135	○	○	○	○	185	○	○	○	○
36	○	○	○	○	86	○	○	○	○	136	○	○	○	○	186	○	○	○	○
37	○	○	○	○	87	○	○	○	○	137	○	○	○	○	187	○	○	○	○
38	○	○	○	○	88	(a)	(b)	(c)	(d)	138	(a)	(b)	(c)	(d)	188	(a)	(b)	(c)	(d)
39	○	○	○	○	89	○	○	○	○	139	○	○	○	○	189	○	○	○	○
40	○	○	○	○	90	○	○	○	○	140	○	○	○	○	190	○	○	○	○
41	○	○	○	○	91	○	○	○	○	141	○	○	○	○	191	○	○	○	○
42	○	○	○	○	92	○	○	○	○	142	○	○	○	○	192	○	○	○	○
43	○	○	○	○	93	○	○	○	○	143	○	○	○	○	193	○	○	○	○
44	○	○	○	○	94	○	○	○	○	144	○	○	○	○	194	○	○	○	○
45	○	○	○	○	95	○	○	○	○	145	○	○	○	○	195	○	○	○	○
46	○	○	○	○	96	○	○	○	○	146	○	○	○	○	196	○	○	○	○
47	○	○	○	○	97	○	○	○	○	147	○	○	○	○	197	○	○	○	○
48	○	○	○	○	98	○	○	○	○	148	○	○	○	○	198	○	○	○	○
49	○	○	○	○	99	○	○	○	○	149	○	○	○	○	199	○	○	○	○
50	○	○	○	○	100	○	○	○	○	150	○	○	○	○	200	○	○	○	○