

PART A : GENERAL INTELLIGENCE AND REASONING

1. Which one of the given responses would be a meaningful order of the following ?

- | | |
|----------------|----------------|
| 1. Bee | 2. Honey |
| 3. Bottle | 4. Wax |
| (A) 2, 4, 1, 3 | (B) 1, 4, 2, 3 |
| (C) 3, 4, 1, 2 | (D) 2, 1, 3, 4 |

Directions : In questions no. 2 and 3, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

2. 13, 5, 18, 23, 41, ?

- | | |
|--------|--------|
| (A) 66 | (B) 28 |
| (C) 64 | (D) 52 |

3. BC, EF, IJ, NO, ?

- | | |
|--------|--------|
| (A) TU | (B) PQ |
| (C) ST | (D) UV |

4. If CLOCK is coded as KCOLC, how will STEPS be coded ?

- | | |
|-----------|-----------|
| (A) SPSET | (B) SPEST |
| (C) SEPTS | (D) SPETS |

5. If Brijesh says that his mother is the only daughter of Ashok's mother, how is Ashok related to Brijesh ?

- | | |
|--------------------|-----------------|
| (A) Maternal uncle | (B) Grandfather |
| (C) Father | (D) Brother |

6. From the given alternatives select the word which *cannot* be formed using the letters of the given word.

COLLABORATION

- | | |
|--------------|--------------|
| (A) RATION ✓ | (B) NATION |
| (C) COLLAR | (D) ABORTION |

7. 'R' goes 1 km North, then he takes a left turn and goes 2 km. Then again he takes a left turn. Which direction is he facing now ?

- | | |
|-----------|-----------|
| (A) North | (B) South |
| (C) East | (D) West |

8. Select the correct combination of mathematical signs to replace * signs and to balance the following equation :

$$(21 * 18) * 5 * 15$$

- | | |
|------------------|------------------|
| (A) $\times + =$ | (B) $- \times =$ |
| (C) $+ \times =$ | (D) $\times = +$ |

9. Some equations are solved on the basis of a certain system. Find the correct answer for the unsolved equation on that basis.

If $47 + 52 = 4257$, $59 + 23 = 5329$,
then $36 + 45 = ?$

- | | |
|----------|----------|
| (A) 5346 | (B) 3546 |
| (C) 3645 | (D) 3465 |

10. Select the missing number from the given responses.

10	110	11
8	?	9
6	42	7

- | | |
|--------|--------|
| (A) 82 | (B) 92 |
| (C) 62 | (D) 72 |

Directions : In questions no. 11 to 14, select the related word/letters/number from the given alternatives.

11. $12 : 24 :: 72 : ?$
 (A) 145 (B) 146
 (C) 143 (D) 144
12. Prime Minister : Country ::
 Chief Minister : ?
 (A) State (B) Village
 (C) District (D) City
13. Infant : Infancy :: Adult : ?
 (A) Adulterate (B) Adulation
 (C) Adultery (D) Adulthood
14. $ABC : BDF :: LMN : ?$
 (A) MNQ (B) NOP
 (C) MNO (D) MOQ

Directions : In questions no. 15 to 17, select the one which is different from the other three alternatives.

15. (A) 8 - 4 (B) 4 - 2
 (C) 16 - 8 (D) 16 - 4
16. (A) Square root (B) Equation
 (C) Multiplication (D) Division
17. (A) EHIK (B) LNOQ
 (C) TWXZ (D) ADEG

18. Seven persons 'P', 'Q', 'R', 'S', 'T', 'U' and 'V' are standing in a row. 'V' is to the right of 'S' and to the left of 'Q'. 'P' is on the right of 'R'. 'T' is between 'P' and 'S'. 'U' is standing adjacent to 'Q'. Who is standing in the middle?

- (A) T (B) V
 (C) Q (D) S

19. Two statements are given followed by two conclusions I and II. You have to consider the statements to be true, even if they seem to be at variance from commonly known facts. You are to decide which of the given conclusions definitely follows from the given statements. Indicate your answer.

Statements :

All women are cats.

All cats are hens.

Conclusions :

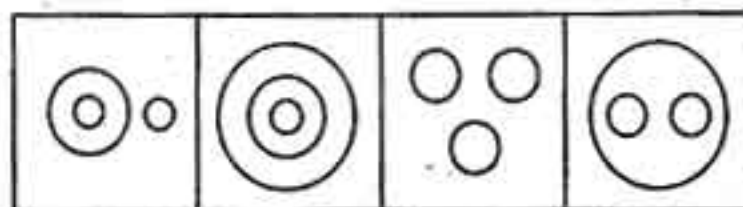
I. All women are hens.

II. All hens are women.

- (A) Both conclusions I and II follow
 (B) Neither conclusion I nor II follows
 (C) Only conclusion I follows
 (D) Only conclusion II follows

20. Identify the diagram that best represents the relationship among the classes given below :

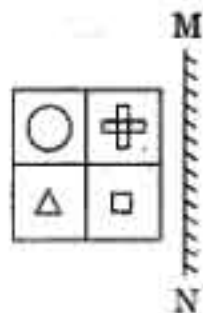
Vegetables, Carrot, Apple



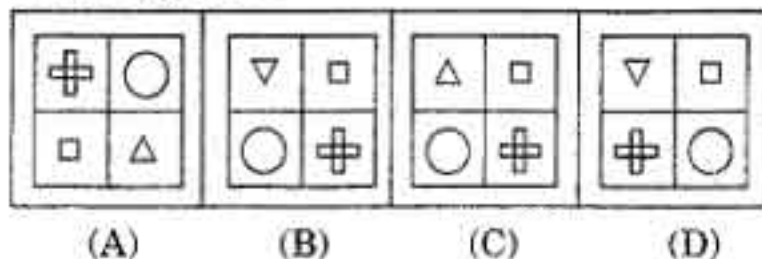
- (A) (B) (C) (D)

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

Question figure :



Answer figures :



22. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in the two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., 'F' can be represented by 04, 23, 42, etc., and 'L' can be represented by 57, 78, 96, etc. Similarly, you have to identify the set for the word given below :

PAIN

Matrix I

	0	1	2	3	4
0	A	B	I	E	F
1	E	F	A	B	I
2	B	I	E	F	A
3	F	A	B	I	E
4	I	E	F	A	B

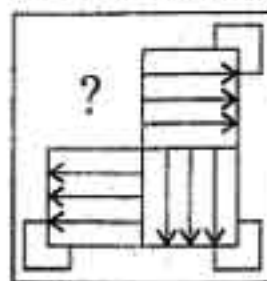
Matrix II

	5	6	7	8	9
5	Q	P	L	N	S
6	N	S	Q	P	L
7	S	Q	P	L	N
8	L	N	S	Q	P
9	P	L	N	S	Q

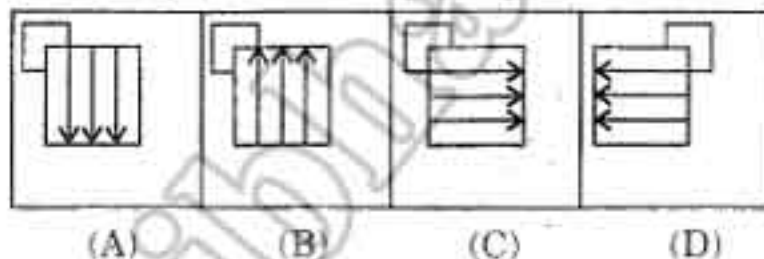
- (A) 56, 12, 40, 58
 (B) 67, 12, 40, 97
 (C) 56, 21, 13, 68
 (D) 68, 11, 40, 65

23. Which answer figure will complete the pattern in the question figure ?

Question figure :

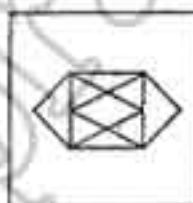


Answer figures :

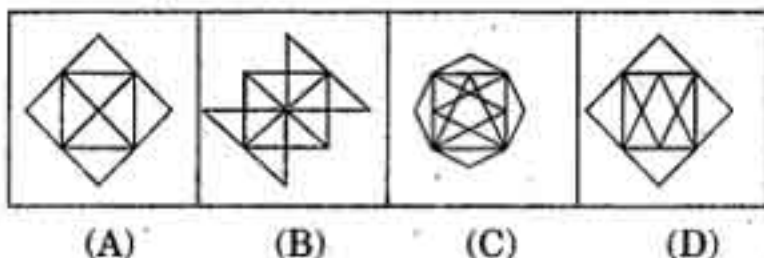


24. From the given answer figures, select the one in which the question figure is hidden/embedded.

Question figure :

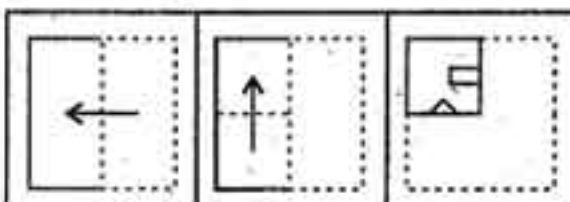


Answer figures :

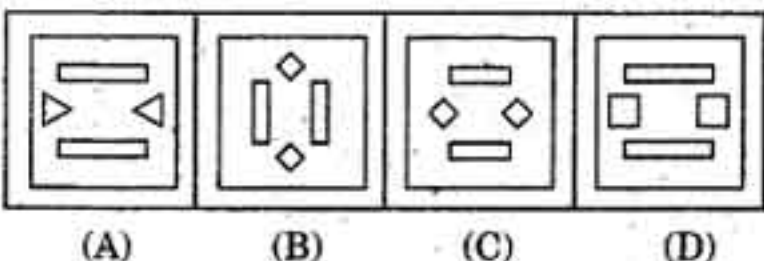


25. A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

Question figures :



Answer figures :

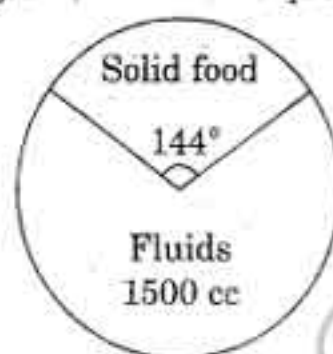


PART B : NUMERICAL APTITUDE

26. A sum of money becomes 4 times of itself in 24 years at simple interest. In how many years does it become double of itself at the same rate of interest?
 (A) 4 years (B) 12 years.
 (C) 6 years (D) 8 years
27. A dishonest dealer defrauds by using false balance to the extent of $x\%$ in buying as well as in selling goods. His gain percent is
 (A) $\left(x + \frac{x^2}{100}\right)\%$ (B) $\left(2x + \frac{x^2}{100}\right)\%$
 (C) $x^2\%$ (D) $\frac{x^2}{100}\%$
28. If $37\frac{1}{2}\%$ of a number is 900, then $62\frac{1}{2}\%$ of that number is
 (A) 1500 (B) 1540
 (C) 1200 (D) 1350
29. The boys and girls in a college are in the ratio of 3 : 2. If 80% of the boys and 75% of the girls are adults, the percentage of the students who are *not* adults is
 (A) 23% (B) 23.5%
 (C) 22% (D) 22.5%
30. Amit travelled a distance of 61 km in 9 hours, partly on foot at the rate of 4 km/hr and partly on bicycle at 9 km/hr. Then the distance travelled by foot is
 (A) 24 km (B) 32 km
 (C) 16 km (D) 21 km
31. A and B were running a marathon race. At a certain time, A was 200 m ahead of B. A was running at a speed of 10 km/hr. B is running at a speed of 12 km/hr. The distance at which B can overtake A is
 (A) 5 km (B) 10 km
 (C) 6 km (D) 1 km
32. The difference between the simple interest and the compound interest on ₹ 5,000 for 2 years at 5% per annum is
 (A) ₹ 512.50 (B) ₹ 51.50
 (C) ₹ 125 (D) ₹ 12.50
33. In a bag there are several coins, of denominations ₹ 1 and ₹ 2. If all the coins were ₹ 2 ones, then the total sum of money in the bag would have been ₹ 40 more than what it is. Then the number of ₹ 1 coins in the bag is
 (A) 25 (B) 35
 (C) 30 (D) 40
34. The average weight of A, B and C is 45 kg. If the average weight of A and B be 40 kg and that of B and C be 43 kg, then the average weight of A and C is
 (A) 52 kg (B) 41 kg
 (C) 50 kg (D) 35 kg
35. A, B and C invested ₹ 500, ₹ 600 and ₹ 700 respectively in a business simultaneously. If A gets ₹ 75 as profit, find the profit of C.
 (A) ₹ 105 (B) ₹ 100
 (C) ₹ 120 (D) ₹ 110
36. A man purchased a watch for ₹ 400 and sold it at a gain of 20% of the selling price. The selling price of the watch is
 (A) ₹ 320 (B) ₹ 300
 (C) ₹ 500 (D) ₹ 440
37. A shopkeeper allows a discount of 10% on the marked price of an item but charges a sales tax of 8% on the discounted price. If the customer pays ₹ 680.40 as the price, including the sales tax, the marked price of the item is
 (A) ₹ 780 (B) ₹ 600
 (C) ₹ 630 (D) ₹ 700
38. A right circular cylinder and a right circular cone have the same radius and the same volume. The ratio of the height of the cone to that of the cylinder is
 (A) 1 : 4 (B) 3 : 4
 (C) 1 : 3 (D) 3 : 1
39. The ratio of the ages of two brothers in the same family is 2 : 3. The product of their ages is 726 years; the ratio of their ages, after 11 years, is
 (A) 4 : 3 (B) 3 : 4
 (C) 6 : 7 (D) 5 : 4
40. Ratio of the earnings of A and B is 4 : 7. If the earnings of A increase by 50% and those of B decrease by ₹ 7,000, the new ratio of their earnings becomes 8 : 7. What are A's earnings?
 (A) ₹ 28,000 (B) ₹ 16,000
 (C) ₹ 21,000 (D) ₹ 26,000

41. The list price of a room-cooler is ₹ 1,800. It is sold at 15% discount. A further off-season discount of 10% is given. Find the selling price of the room-cooler.
 (A) ₹ 1,372 (B) ₹ 1,350
 (C) ₹ 1,377 (D) ₹ 1,370
42. Find the largest number of two digits, exactly divisible by 2, 4, 8 and 16.
 (A) 48 (B) 96
 (C) 80 (D) 64
43. A three-digit prime number is such that the digit in the unit place is equal to the sum of the other two, and if the other digits are interchanged, we still have a prime number of three digits. Then the total number of such primes is
 (A) 6 (B) 3
 (C) 2 (D) 4
44. A can do certain job in 12 days. B is 60% more efficient than A. The number of days it takes B to do the same piece of work is
 (A) $8\frac{1}{2}$ days (B) $9\frac{1}{2}$ days
 (C) $6\frac{1}{2}$ days (D) $7\frac{1}{2}$ days
45. 9 men or 15 women can do a construction in 21 days. Find the number of days that 15 men and 8 women together will take to do the same work.
 (A) $10\frac{3}{11}$ days (B) $11\frac{7}{9}$ days
 (C) $8\frac{7}{11}$ days (D) $9\frac{6}{11}$ days
46. An equilateral triangle is described on the diagonal of a square. What is the ratio of the area of the triangle to that of the square?
 (A) $\sqrt{3} : 4$ (B) $4 : \sqrt{3}$
 (C) $\sqrt{3} : 2$ (D) $2 : \sqrt{3}$
47. A well of inner diameter 14 m is dug to a depth of 15 m. Earth taken out of it has been evenly spread all around it to a width of 7 m to form an embankment. Then the height of the embankment, so formed, is (Take $\pi = \frac{22}{7}$)
 (A) 15 m (B) 10 m
 (C) 5 m (D) 7.5 m
48. Marked price of a book is ₹ 30. It is sold at a discount of 15%. Find the selling price of the book.
 (A) ₹ 26.50 (B) ₹ 27.00
 (C) ₹ 25.50 (D) ₹ 25.00

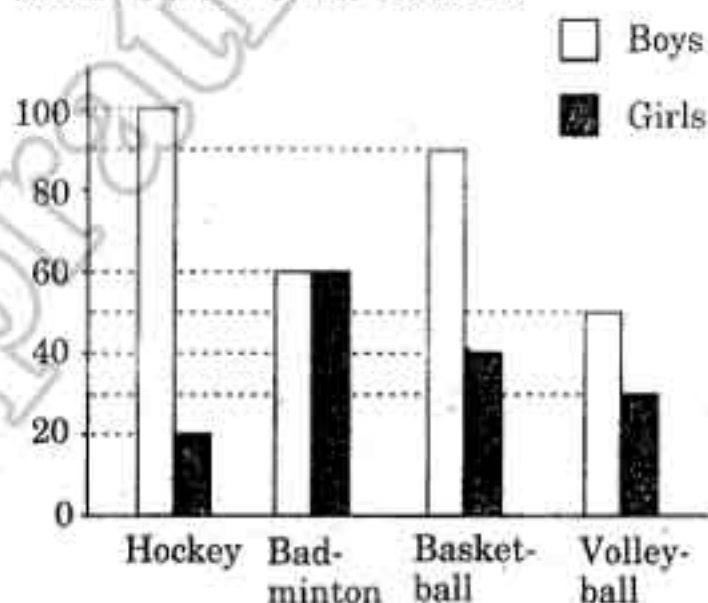
49. The pie-chart represents the consumption of food of a man in one day. Observing the diagram, answer the question.



Find the cc of solid food.

- (A) 750 cc (B) 1250 cc
 (C) 1500 cc (D) 1000 cc

50. The following chart represents the games played by senior boys and senior girls of a school with 200 senior students.



The number of students playing basketball is

- (A) 140 (B) 150
 (C) 130 (D) 135

FOR VISUALLY HANDICAPPED CANDIDATES ONLY

49. A retailer buys 40 pens at the marked price of 36 pens from a wholesaler. If he sells these pens giving a discount of 1%, then his profit percent is
 (A) 13% (B) 15%
 (C) 10% (D) 11%
50. Latif can complete $\frac{1}{3}$ of a piece of work in 4 days and Lata can complete $\frac{1}{6}$ of the same work in 3 days. The number of days in which both working together will complete the work is
 (A) 7 days (B) 7.2 days
 (C) 7.5 days (D) 8.2 days

PART C : GENERAL ENGLISH

Directions : In questions no. 51 to 56, four words are given in each question, out of which only one word is correctly spelt. Find the correctly spelt word and mark your answer in the Answer Sheet.

51. (A) Magnanymous (B) Magnanimus
(C) Magnanemous (D) Magnanimous
52. (A) Terbulant (B) Turbulent
(C) Turbulant (D) Tarbulent
53. (A) Tyrannical (B) Tyrenical
(C) Tyrranical (D) Tyranical
54. (A) Inflametary (B) Inflammatory
(C) Inflammatory (D) Inflammatory
55. (A) Defenition (B) Defination
(C) Definition (D) Dafinition
56. (A) Sponntaneous (B) Spontaneous
(C) Spontaneous (D) Spontaneous

Directions : In questions no. 57 to 61, you have a brief passage with 5 questions. Read the passage carefully and choose the best answer to each question out of the four alternatives and mark it by blackening the appropriate oval (●) in the Answer Sheet.

During one midnight, he yearned for the homeless life in the free air, for the solitude of some distant place where he could live a complete and perfect religious life, undisturbed by worldly thoughts, responsibilities and attachment. He made up his mind to steal away from the palace and all its luxuries so that his heart might be purified and made strong in faith and knowledge.

The prince summoned his most trusted servant to saddle a horse. When that man came to understand what the prince was about to do, he tried his best to prevail upon him to change his mind. But the king's son was firmly resolved to depart. Before leaving the palace, he wished to see his baby son once and take him in his arms. He crept into the bedroom quietly and opened the door softly. A lamp shed a faint light and the fragrance

of beautiful flowers sweetened the air. His wife was fast asleep with her hand hugging the baby. The prince stood gazing in silence, and he then said to himself. "If I lift up my son, my wife will awake and she will try to prevent my going away. When I become a Buddha, I shall return and see him."

57. In order to purify his heart and strengthen his faith, the prince was ready to _____
(A) make fervent prayers
(B) renounce his luxuries
(C) desert his family
(D) gallop in his horse
58. Choose the appropriate predicate to form a correct statement.
The servant _____
(A) could not guess the secret plan of the prince
(B) rudely disobeyed the prince's instruction
(C) tried to change the prince's mind only in vain
(D) succeeded in preventing the prince from leaving
59. What sort of life did the prince prefer to live ?
(A) A lonely and serene spiritual life
(B) A healthy and active domestic life
(C) A happy and care-free worldly life
(D) A rich and luxurious royal life
60. Substitute 'made up his mind' with a single word.
(A) Proposed (B) Arranged
(C) Decided (D) Planned
61. The prince sought the help of his servant to _____
(A) change his mind
(B) see his baby
(C) pack his things
(D) saddle his horse

Directions : In questions no. 62 to 71, some parts of the sentences have errors and some are correct. Find out which part of a sentence has an error and blacken the oval (●) corresponding to the appropriate letter (A, B, C). If a sentence is free from error, blacken the oval corresponding to (D) in the Answer Sheet.

62. The accident was averted / as the driver brought / his car to a sudden stop. / No error.
(A) (B) (C) (D)
63. The teacher / reviewed and corrected the answers / in a systematical way. / No error.
(A) (B) (C) (D)
64. The doctor was / accompanied with / the nurse yesterday. / No error.
(A) (B) (C) (D)
65. Why are you so angry / when my officer has no objection / on my coming late ? / No error.
(A) (B) (C) (D)
66. You paid no heed / to my advice, / didn't you ? / No error.
(A) (B) (C) (D)
67. A naughty student is often taken to task / for being involved in / all types of mischiefs. / No error.
(A) (B) (C) (D)
68. At my arrival in Delhi / I went straight / to the nearest hospital. / No error.
(A) (B) (C) (D)
69. I answered / the questions / as best as I could. / No error.
(A) (B) (C) (D)
70. It took me / almost a hour / to fill the application form. / No error.
(A) (B) (C) (D)
71. He has achieved / success / in life by dint of his hard work. / No error.
(A) (B) (C) (D)

Directions : In questions no. 72 to 81, sentences are given with blanks to be filled in with an appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four and indicate it by blackening the appropriate oval (●) in the Answer Sheet.

72. We all were sure that the meeting would be fruitful, but _____ Amit seemed doubtful.
 (A) someway (B) somehow
 (C) someone (D) somewhat
73. You are not amenable _____ reason.
 (A) on (B) to
 (C) for (D) of
74. The students are advised to write _____ pencil.
 (A) by (B) into
 (C) in (D) with
75. If he _____ helped you, you would have passed.
 (A) will have (B) would have
 (C) has (D) had
76. Some medicines are _____ for curing cold.
 (A) capable (B) proper
 (C) effective (D) good
77. I couldn't believe that he _____ so much pain to come to meet us.
 (A) will take (B) took
 (C) take (D) taken
78. Everyone has submitted his record book, _____?
 (A) has he (B) haven't they
 (C) have they (D) hasn't he
79. Mr. Verma is a good administrator. He is _____.
 (A) a boon (B) a credit
 (C) an asset (D) a blessing

80. I _____ my friend after so many years.
 (A) ran along (B) ran for
 (C) ran after (D) ran into
81. The poor woman asked Buddha to restore her dead child _____ life.
 (A) for (B) with
 (C) into (D) to

Directions : In questions no. 82 to 84, out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

82. Venom
 (A) Poison (B) Virility
 (C) Veil (D) Potion
83. Dogmatic
 (A) Efficient (B) Categorical
 (C) Automatic (D) Cruel
84. Negligible
 (A) Careless (B) Invisible
 (C) Forgetful (D) Insignificant

Directions : In questions no. 85 to 87, choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

85. Overbearing
 (A) Unassuming (B) Haughty
 (C) Arrogant (D) Despotic
86. Phoney
 (A) Hypocritical (B) Genuine
 (C) Gentle (D) Determined
87. Verdant
 (A) Different (B) Grey
 (C) Mossy (D) Arid

Directions : In questions no. 88 to 90, four alternatives are given for the Idiom/Phrase underlined in the sentence. Choose the alternative that best expresses the meaning of the Idiom/Phrase and mark it in the Answer Sheet.

88. When his business collapsed he had to begin from scratch.
 (A) incision on the skin
 (B) become very poor
 (C) have a flying start
 (D) start all over again without any prior advantage
89. I cannot put up with his impudence.
 (A) forgive
 (B) control
 (C) tolerate
 (D) appreciate
90. Please give your statement in black and white.
 (A) in writing
 (B) on the board
 (C) in print
 (D) on paper

Directions : In questions no. 91 to 95, a part of the sentence is underlined. Below are given alternatives to the underlined part at (A), (B) and (C) which may improve the sentence. Choose the correct alternative. In case no improvement is needed your answer is (D). Mark your answer in the Answer Sheet.

91. Grief disguised is almost potent than grief expressed.
 (A) more potent
 (B) potent
 (C) as potent
 (D) No improvement
92. It is raining since the morning.
 (A) It has been raining
 (B) It will be raining
 (C) It was raining
 (D) No improvement

93. We refused them admission.
 (A) declined
 (B) repudiated
 (C) denied
 (D) No improvement
94. A majority of the shareholders want the merger.
 (A) have wanted the merger
 (B) are wanting
 (C) wants the merger
 (D) No improvement
95. I cannot do this work as it is under my dignity.
 (A) above my dignity
 (B) beneath my dignity
 (C) underneath my dignity
 (D) No improvement

Directions : In questions no. 96 to 100, out of the four alternatives, choose the one which can be substituted for the given words/sentence and indicate it by blackening the appropriate oval (●) in the Answer Sheet.

96. Of outstanding significance.
 (A) Monumental (B) Powerful
 (C) Brilliant (D) Rational
97. One who shuns all human company.
 (A) Pessimist (B) Misanthrope
 (C) Prophet (D) Recluse
98. A child of unusual or remarkable talent.
 (A) Prodigy (B) Scholar
 (C) Freak (D) Genius
99. Detailed plan of a journey.
 (A) Schedule (B) Travelogue
 (C) Travel-kit (D) Itinerary
100. One who eats everything.
 (A) Omniscient (B) Omnivorous
 (C) Herbivorous (D) Irresistible

PART D : GENERAL AWARENESS

101. The citrus fruits and pickles are *not* stored in which of the following containers ?
 (A) Glass (B) China clay
 (C) Iron (D) Plastic
102. Which one of the following fungi is commonly known as 'bread mould' ?
 (A) *Synchytrium* (B) *Rhizopus*
 (C) *Aspergillus* (D) *Penicillium*
103. Good conductors have many loosely bound
 (A) protons (B) neutrons
 (C) atoms (D) electrons
104. A change of 10°C in Centigrade scale corresponds to what change in Fahrenheit scale ?
 (A) 18° F (B) 21° F
 (C) 10° F (D) 15° F
105. Anomalous expansion is associated with
 (A) Water (B) Benzene
 (C) Alcohol (D) Mercury
106. What type of lenses are used in movie projectors ?
 (A) Zoom lens (B) Meniscus lens
 (C) Concave (D) Convex
107. Stylus is used to input data in
 (A) Smart Phone and PDA
 (B) PC
 (C) Supercomputer
 (D) Workstation
108. The term 'data' is the plural form of the word
 (A) entities (B) value
 (C) fact (D) datum
109. The _____ is a temporary holding space for data that is being copied or moved.
 (A) clipboard (B) cache
 (C) accumulator (D) register
110. Transpiration in plants is a process of
 (A) Photorespiration
 (B) Water loss
 (C) Food production
 (D) Respiration
111. V-shaped valley is formed by
 (A) Wind
 (B) Underground water
 (C) River
 (D) Glacier
112. The highways which connect the important cities and capitals of the country are
 (A) National Highways
 (B) Express Highways
 (C) International Highways
 (D) State Highways
113. Softwood forests are mostly found in
 (A) Himalayan region
 (B) Nilgiris
 (C) Sunderban
 (D) Western Ghats
114. Jet streams are
 (A) high velocity winds at high altitudes
 (B) high velocity winds in central part of India
 (C) high velocity winds in the Southern Hemisphere
 (D) high velocity winds in desert areas
115. Who is the father of botany ?
 (A) Theophrastus (B) Linnaeus
 (C) Traviranus (D) Pliny the Elder
116. The enzymes which take part in glycolysis during respiration are found in
 (A) Mitochondria
 (B) Endoplasmic reticulum
 (C) Vacuole
 (D) Cytoplasm
117. Typhoid fever is caused by
 (A) Allergy (B) Fungus
 (C) Virus (D) Bacteria

118. Hot peppers are hot due to the presence of
(A) Lycopene (B) Sulphuric acid
(C) Acetic acid (D) Capsaicin
119. Who among the following organised 'Satya Shodhak Samaj' in 1873 ?
(A) Jyotiba Phule
(B) Sri Narayan Guru
(C) B.R. Ambedkar
(D) None of the above
120. Who among the following won the 2003 Indira Gandhi Award for National Integration ?
(A) Shyam Benegal
(B) Baba Amte
(C) Acharya Mahaprajna
(D) Mrinal Sen
121. During the Civil Disobedience Movement, soldiers of Garhwal Regiment refused to fire on demonstrators at
(A) Nainital (B) Peshawar
(C) Amritsar (D) Dehradun
122. The study of coins is known as
(A) Numismatics (B) Seismology
(C) Epigraphy (D) Philately
123. The total number of spokes in the 'Ashoka Chakra' is
(A) 24 (B) 28
(C) 20 (D) 22
124. The normal blood pressure of human beings is in the range of
(A) 110/75 mm (B) 140/80 mm
(C) 120/80 mm (D) 110/70 mm
125. Who discovered that malaria is caused by a particular type of mosquito ?
(A) Ronald Ross
(B) Henri Becquerel
(C) Wilhelm Roentgen
(D) Louis Pasteur
126. Ozone hole is due to release of
(A) NO₂ (B) PAN
(C) CFCs (D) SO₂
127. The science which deals with drugs is
(A) Pharmacology
(B) Chronology
(C) Physiology
(D) Odontology
128. India's first interplanetary spacecraft, "Mangalyaan" was launched successfully in the month of November 2013 from Sriharikota, which is in
(A) Maharashtra (B) Andhra Pradesh
(C) Rajasthan (D) Odisha
129. Minorities Rights Day (India) is observed on
(A) 10th December (B) 18th December
(C) 1st December (D) 7th December
130. The gas which is present in both the natural gas and the biogas is
(A) methane (B) butane
(C) hydrogen (D) carbon monoxide
131. Number of elements in the second period of the periodic table is
(A) eighteen (B) eight
(C) two (D) ten
132. Temporary hardness of water is due to the presence of
(A) Bicarbonates of calcium and magnesium
(B) Sulphates of calcium and magnesium
(C) Nitrates of calcium and magnesium
(D) Chlorides of calcium and magnesium
133. Bird flu is a disease that affects human beings and spreads through
(A) sheep (B) poultry
(C) silkworm (D) mealworm
134. Plaster of Paris is made from
(A) Marble (B) Bauxite
(C) Limestone (D) Gypsum

135. Subhash Chandra Bose organised a military group named
(A) Indian National Army
(B) Calcutta Army
(C) Indian Army
(D) Rashtriya Seva Morcha
136. Who was the founder of Brahma Samaj ?
(A) Gokhale
(B) Raja Ram Mohan Roy
(C) Debendranath Tagore
(D) Keshav Chandra
137. Who led the Revolt of 1857 at Cawnpore (Kanpur) ?
(A) Tantia Tope
(B) Begum Hazrat Mahal
(C) Nana Sahib
(D) Kunwar Singh
138. Who gave the call "Go back to the Vedas" ?
(A) Atmaram Pandurang
(B) Swami Vivekanand
(C) Raja Ram Mohan Roy
(D) Dayanand Saraswati
139. Who was the first Arab to invade India ?
(A) Muhammad Ghor
(B) Alla-ud-din Khilji
(C) Muhammad-bin-Kasim
(D) Muhammad Ghazni
140. Gold is mainly found in
(A) Panna (B) Katni
(C) Kolar (D) Khetri
141. Which of the following is *not* a feature of the Presidential form of government ?
(A) Separation of powers
(B) Appointed Cabinet
(C) Effective head of the State
(D) Prime Minister and Cabinet enjoying real powers
142. An individual *cannot* be a member of more than one
(A) State (B) Political Party
(C) Association (D) Organisation
143. The share of income that the entrepreneurs receive in the process of distribution is known as
(A) wages (B) profit
(C) rent (D) interest
144. Which part of the Indian Constitution deals with Fundamental Rights ?
(A) Part V (B) Part VI
(C) Part III (D) Part IV
145. Which of the following events compelled Gandhiji to withdraw the Non-cooperation Movement ?
(A) Rowlatt Act
(B) Failure of Cripps Mission
(C) Jallianwala Bagh Massacre
(D) Chauri-Chaura incident
146. Which among the following is *not* a human rights group ?
(A) Greenpeace Movement
(B) Amnesty International
(C) PUCL (Peoples Union for Civil Liberties)
(D) PUDR (Peoples Union for Democratic Rights)
147. Implicit cost is otherwise called as
(A) opportunity cost (B) economic cost
(C) imputed cost (D) accounting cost
148. A company which arranges capital by selling its share in the market is called
(A) joint stock company
(B) company by partnership
(C) co-operative
(D) sole proprietorship
149. Limited Companies in India are governed by the Companies Act
(A) 1912 (B) 1856
(C) 2013 (D) 1956
150. According to Ricardo, rent for the land arises because of
(A) desire of landlord
(B) desire of cultivator
(C) differences in soil quality
(D) scarcity of land