

➤ **Section - A (Mathematics)**

1. The constellation that resembles a 'question mark' in the sky.
 - (a) Ursa minor
 - (b) Ursa major
 - (c) Orion
 - (d) Scorpio
2. The maximum number of dots present in a cell in a Braille character:
 - (a) 12
 - (b) 9
 - (c) 3
 - (d) 6
3. Which of the following is a plant hormone?
 - (a) Insulin
 - (b) Thyroxin
 - (c) Estrogen
 - (d) Cytokine
4. Spirogyra is:
 - (a) Algae
 - (b) Fungi
 - (c) Protozoa
 - (d) Bacteria
5. The substance that does not burn with flame is:
 - (a) LPG
 - (b) Camphor
 - (c) Dry grass
 - (d) Charcoal
6. Electroscope can be charged by:
 - (a) Convection
 - (b) Radiation
 - (c) Conduction
 - (d) both a & b
7. The first planet outside orbit of the earth is:
 - (a) Jupiter
 - (b) Mars
 - (c) Saturn
 - (d) Uranus
8. Metamorphosis in frog is controlled by which of the following hormone?
 - (a) Glucagon
 - (b) Insulin
 - (c) Adrenaline
 - (d) Thyroxin
9. Which of the following present in the Chromosomes carries the unit that transfers characters from parents to offspring?
 - (a) Ribosome
 - (b) Genes
 - (c) Plastid
 - (d) Nucleolus
10. Several small colored bodies in the cytoplasm of the cells of "Tradescantia" leaf is called:
 - (a) Organelle
 - (b) Plastids
 - (c) Vacuoles
 - (d) Mitochondria
11. An object is at rest on a floor. A force is applied to move that object. Which frictional force will come into an action at this moment?
 - (a) Sliding friction
 - (b) Static friction
 - (c) Rolling friction
 - (d) Fluid friction
12. Given below are events that lead to pregnancy and development of embryo.
 - i. Fertilization of egg
 - ii. Maturation of egg
 - iii. Release of egg
 - iv. Embedding of embryo in thickened uterine wall
 Which of the following options gives the correct order of sequence in which they occur?
 - (a) i, ii, iii, iv
 - (b) ii, i, iii, iv
 - (c) i, iv, ii, iii
 - (d) ii, iii, i, iv
13. The decomposition of liquid compound on passing an electric current through it is known as:
 - (a) Electroplating
 - (b) Electrolysis
 - (c) Magnetic effect
 - (d) Electro-resistivity
14. The material similar to silk in appearance is:
 - (a) Nylon
 - (b) Rayon
 - (c) Polyester
 - (d) Acrylic
15. The light ray, which strikes any surface is called:
 - (a) Reflected ray
 - (b) Normal
 - (c) Incident ray
 - (d) Refracted ray
16. We can see ourselves in mirror or polished surface but not on walls because the reflection from walls is:
 - (a) Regular reflection
 - (b) Normal reflection
 - (c) Irregular reflection
 - (d) Specular reflection

17. The Coke is used in the manufacturing of
- (a) Lead (b) Steel
(c) Iron (d) Copper
18. The pitch of sound depends on the ___ of the vibrating body.
- (a) amplitude
(b) frequency
(c) noise
(d) medium of propagation
19. Vaccine for small pox was discovered by:
- (a) Louis Pasteur
(b) Alexander Fleming
(c) Edward Jenner
(d) John Mendel
20. When non-metals react with water the:
- (a) Hydrogen gas is formed
(b) Carbon dioxide is formed
(c) Non-metals do not react with water
(d) None of these
21. Name the planet which revolves approximately 90° with its orbital plane.
- (a) Neptune (b) Venus
(c) Uranus (d) Jupiter
22. The nitrogenous fertilizer need not be added to soil with which crops:
- (a) Maize (b) Pulses
(c) Wheat (d) Paddy
23. Plasmodium is responsible for which disease?
- (a) Sleeping sickness
(b) Dysentery
(c) Typhoid
(d) Malaria
24. End products of complete combustion are:
- (a) Carbon dioxide, water and heat
(b) Carbon dioxide and water.
(c) Carbon monoxide, water and less heat
(d) Carbon monoxide and water
25. Rust of wheat is caused by:
- (a) Virus (b) Rust
(c) Bacteria (d) Fleas
26. In Human zygote is formed in:
- (a) Uterus (b) Ovary
(c) Oviduct (d) Testes
27. Naphthalene balls used to repel moth and insects is derived from:
- (a) Petroleum (b) Sugar
(c) Coal tar (d) LPG
28. Which hormone stress situations?
- (a) Adrenaline (b) Insulin
(c) Testosterone (d) Thyroxine
29. Which of the following objects can be charged by rubbing while being held in a hand?
- (a) Steel spoon
(b) Silver bar
(c) Glass rod
(d) A copper wire
30. In which of the following method of irrigation rotating nozzles are used?
- (a) Moat
(b) Drip system
(c) Chain pump
(d) Sprinkler system
31. The common chemicals generally used to check the growth of microorganisms in a food are:
- (a) Antibiotics (b) Preservatives
(c) Antigens (d) Pathogens
32. The material which is commonly used for making kitchen containers is:
- (a) PVC (b) Acrylic
(c) Teflon (d) PET
33. The algae commonly used as fertilizers are called:
- (a) Spirogyra
(b) Chlamydomonas
(c) Blue green algae
(d) Staphylococcus
34. The animals that give birth to young ones are known as:
- (a) Oviparous (b) Viviparous
(c) Both (d) None
35. An organism is said to be endangered if:
- (a) Its population is diminishing
(b) It has become extinct
(c) It is found exclusively in a particular area

- (d) Its poaching is strictly prohibited
36. Which term you use when black buck, elephant, python and golden cat together represent in a forest?
 (a) Fauna (b) Flora
 (c) Ecosystem (d) Species
37. A toy is placed at 10 cm in front of a plane mirror. What is the distance of the image from the toy?
 (a) 20 cm (b) 40 cm
 (c) 10 cm (d) 30 cm
38. For Communication satellites which type of orbit are more appropriate?
 (a) Polar
 (b) Geostationary
 (c) Highly elliptical
 (d) Both (a) and (c)
39. In LED, the longer lead (wire) is always connected to the terminal.
 (a) negative (b) neutral
 (c) positive (d) any terminal
40. Vocal chord in men are about ____ long.
 (a) 20 mm (b) 20 cm
 (c) 2 mm (d) 2 cm
41. The earth rotates on its axis from:
 (a) North to south
 (b) South to north
 (c) East to west
 (d) West to east
42. Name two planets which revolve around their axis from east to west
 (a) Earth and Venus
 (b) Mars and Earth
 (c) Venus and Uranus
 (d) Mars and Uranus
43. Whose reactivity is highest among the following metals?
 (a) Copper (b) Potassium
 (c) Iron (d) Zinc
44. Two objects repel each other. This repulsion could be due to:
 (a) Frictional force only
 (b) Electrostatic force only
 (c) Magnetic force only
 (d) Either a magnetic or an electrostatic force
45. 1 Hertz is equal to:
 (a) 1 vibration per minute
 (b) 10 vibrations per minute
 (c) 60 vibrations per minute
 (d) 600 vibrations per minute
46. Acid rain mainly contains:
 (a) Phosphates, nitrates
 (b) Sulphur dioxide, Nitrogen dioxide
 (c) Hydrochloric acid
 (d) Carbonic Acid
47. The stage when all the body parts can be identified is known as:
 (a) Zygote (b) Fetus
 (c) Embryo (d) Infant
48. What is the cause of change in motion or change in the state of motion?
 (a) Pressure
 (b) Atmospheric pressure
 (c) Friction
 (d) Force
49. During a cell division:
 (a) Nucleus divides first and then cytoplasm
 (b) Cytoplasm divides first and then Nucleus
 (c) Nucleus and cytoplasm divide together
 (d) No such relationship
50. What is the full form of PCRA?
 (a) Petroleum Conservation Research Association
 (b) Petroleum Consumption Research Association
 (c) Petroleum Conservation Resource Association
 (d) Petrochemical Consumption Research Association

➤ Section - B (Mathematics)

51. Measure of each exterior angle of a regular polygon of 12 sides is:
 (a) 20 (b) 15
 (c) 30 (d) 168
52. Find the range of first five prime numbers?

- (a) 2 (b) 7
(c) 9 (d) 11

53. The blood group of six students are recorded as:

Group	A+	B+	O+
No. of Students	1	2	3

Find the central angle made by A+ blood group.

- (a) 60 (b) 120
(c) 180 (d) 360
54. Subtract $2x^3 - x^2 + 4x + 6$ from $x^3 x 5x^2 - 4x + 6$
(a) $x^3 + 6x^2 - 8x$
(b) $-8x + 6x^2 - x^3$
(c) $12 + 4x^2 + 3x^3$
(d) $3x^3 + 6x^2 - 8x$
55. An oil tin measures 20 cm x 30 cm x 40 cm. If 1 square meter of tin costs Rs. 25, the cost of 10 such fins will be:
(a) Rs. 13 (b) Rs. 6
(c) Rs. 130 (d) Rs. 60
56. The mean of a certain group 10, 3, 8, x, 5 is 6. Find the value of x?
(a) 4 (b) 3
(c) 6 (d) 5
57. The arithmetic mean of first five multiples of 5 is:
(a) 20 (b) 15
(c) 25 (d) 30
58. If $\sqrt{114.49} = 10.7$, then the value of $\sqrt{70.0000011449} = ?$.
(a) 0.00107 (b) 0.0107
(c) 0.107 (d) None
59. If $\left(\frac{4}{5}\right)^{13} \div \left(\frac{4}{5}\right)^{19} = \left(\frac{5}{4}\right)^x$, then the value of "x" is:
(a) 13 (b) 19
(c) 6 (d) -6
60. If $\left(\frac{p}{q}\right) = \left(\frac{3}{2}\right)^{-2} \div \left(\frac{6}{5}\right)^0$, what is the value of $\left(\frac{p}{q}\right)^{-2}$?
(a) $\frac{16}{81}$ (b) $\frac{9}{4}$
(c) $\frac{36}{25}$ (d) $\frac{81}{16}$
61. A dice is thrown two times and sum of the numbers appearing on the dice are

noted. The number of possible outcomes is:

- (a) 6 (b) 11
(c) 18 (d) 36
62. The probability of getting a multiple of 2 when a dice is rolled is:
(a) 1/6 (b) 1/3
(c) 1/2 (d) 2/3
63. The area of a rectangular field whose length is twice its breadth is 2450 m². Find the perimeter of the field?
(a) 105 m (b) 280 m
(c) 140 m (d) 210 m
64. A ladder 10 m long rests against a vertical wall. If the foot of the ladder is 6 m away from the wall and the ladder just reaches the top of the wall, how high is the wall?
(a) 10 m (b) 8 m
(c) 6 m (d) 16 m
65. If the diagonals of a quadrilateral bisect each other at right angles, it will be a:
(a) rhombus (b) trapezium
(c) rectangle (d) kite
66. The ratio of exterior angle to interior angle of a regular polygon is 1: 4. Find the number of sides of the polygon?
(a) 5 (b) 36
(c) 10 (d) 20
67. Which of the following can never be the measure of exterior angle of a regular polygon?
(a) 22 (b) 36
(c) 45 (d) 30
68. A cube of side 4 cm is cut into 1 cm cubes. What is the ratio of the surface areas of the original cubes and cut-out cubes?
(a) 1: 2 (b) 1: 3
(c) 1: 4 (d) 1: 6
69. A metal sheet 27 cm long, 8 cm broad and 1 cm thick is melted into a cube. The side of the cube is:
(a) 6 cm (b) 8 cm
(c) 12 cm (d) 24 cm

70. In a scout camp, there is food provision for 300 cadets for 42 days. If 50 more persons join the camp, for how many days will the provision last?
- (a) 21 (b) 40
(c) 30 (d) 36
71. How many non-square numbers lie between 11^2 and 12^2 ?
- (a) 21 (b) 23
(c) 22 (d) 20
72. Which smallest number should be added to 223 so as to make it a perfect square?
- (a) 2 (b) 3
(c) 1 (d) 4
73. A cuboid has dimensions 5 cm, 2 cm, 5 cm. How many such cuboids will be needed to form a cube?
- (a) 20 (b) 10
(c) 5 (d) 2
74. The value of $3\sqrt[3]{343}$ is:
- (a) 8 (b) 7
(c) 6 (d) 3
75. The multiplicative inverse of $-13/19$ is:
- (a) $\frac{13}{19}$ (b) $-\frac{13}{19}$
(c) $\frac{19}{13}$ (d) $-\frac{19}{13}$
76. If 'a' and 'b' are two positive integers, then $\text{HCF}(a, b) \times \text{LCM}(a, b) = ?$
- (a) $a \times b$ (b) $a + b$
(c) $a - b$ (d) a/b
77. The formula for finding volume of cylinder is:
- (a) $27\pi r^2h$ (b) $2\pi rh$
(c) πrh (d) πr^2h
78. If the diagonals of rhombus are 6 cm & 8 cm, its area will be:
- (a) 48 cm^2 (b) 24 cm
(c) 48 cm (d) 24 cm^2
79. Out of 250 students, 60% like History. The numbers of students who do not like History are:
- (a) 50 (b) 150
(c) 100 (d) 75
80. The height of a cuboid whose volume is 756 cm^3 and base area is 63 cm^2 is:
- (a) 24 cm (b) 12 cm
(c) 10 cm (d) 6 cm
81. Which of the following numbers must be multiplied to 392 to get a perfect cube?
- (a) 2 (b) 3
(c) 4 (d) 7
82. If a% is the discount percent on a marked price 'x', then discount is:
- (a) $\frac{x}{a} \times 100$ (b) $\frac{a}{x} \times 100$
(c) $x \times \frac{a}{100}$ (d) $\frac{100}{x \times a}$
83. If $a \times (b + c) = ab + ac$, this property is called as:
- (a) Commutative property
(b) Distributive property
(c) Associative property
(d) Closure property
84. The volume of a cube is 64 cm^3 . The surface area of cube is:
- (a) 16 cm^2 (b) 64 cm^2
(c) 96 cm^2 (d) 128 cm^2
85. The value of $\sqrt{110}\frac{1}{4}$ is:
- (a) 2.5 (b) 10.25
(c) 10.50 (d) 16.5
86. Which of the following is the equation of a line parallel to x-axis?
- (a) $x = 0$ (b) $x = 5$
(c) $y = 5$ (d) $y = x + 5$
87. The reciprocal of $\frac{-3}{8} \times \frac{-7}{13}$ is:
- (a) $\frac{104}{21}$ (b) $\frac{-104}{21}$
(c) $\frac{21}{104}$ (d) $\frac{-21}{104}$
88. If two adjacent angles of a parallelogram are $(5x - 5)$ and $(10x + 35)$ then the ratio of these angles is:
- (a) 1: 3 (b) 2: 3
(c) 1: 4 (d) 1: 2
89. A parallelogram PQRS is constructed with sides $QR = 6 \text{ cm}$, $PQ = 4 \text{ cm}$ and angle $PQR = 90^\circ$, then PQRS is a:
- (a) square (b) rectangle
(c) rhombus (d) trapezium
90. A coin is tossed 200 times and head appeared 120 times. Probability of getting a head in this experiment is:

(a) $\frac{2}{5}$

(b) $\frac{3}{5}$

(c) $\frac{1}{5}$

(d) $\frac{4}{5}$

91. A geometric representation showing the relationship between a whole and its part is:

(a) Pie chart

(b) Histogram

(c) Bar graph

(d) Pictograph

92. Find the value of 'm' in the expression

$$\frac{5^m \div 5^{-3}}{5^2} = 5^{13} ?$$

(a) 12

(b) 11

(c) 10

(d) 9

93. A diagonal of a rectangle is inclined to one side of the rectangle at 25° , the acute angle between the diagonal is:

(a) 55° (b) 50° (c) 40° (d) 25°

94. The sum of three odd consecutive integers is 51. The middle number is:

(a) 14

(b) 15

(c) 16

(d) 17

95. Which number must be added to each term of the ratio 5: 7 to make it 11: 12 is?

(a) 22

(b) 20

(c) 17

(d) 18

96. The base of a right triangle is 5 cm and its hypotenuse is 13 cm, its area is:

(a) 30 cm^2 (b) 25 cm^2 (c) 60 cm^2

(d) None

97. Two cubes have volumes in the ratio 1: 64. The ratio of the surface area of first cube to that of the other is:

(a) 1 : 4

(b) 1: 8

(c) 1: 16

(d) 1:32

98. In 2^n , n is known as:

(a) base

(b) constant

(c) exponent

(d) variable

99. If $x - \frac{1}{x} = 16$ then the value of $x^2 + \frac{1}{x^2}$ is.

(a) 256

(b) 254

(c) 258

(d) 252

100. The sum of heights of a certain number of players is 728 cm and the mean height is 56 cm. The numbers of players are:

(a) 13

(b) 14

(c) 15

(d) 16

Section - C (English)

I. Read the following passage and answer the questions that follow:

In this age of spiraling fuel costs and greenhouse emissions, any new way to reduce the environmental and economic burden associated with the use of fossil fuels is welcome. But back in 1960s, it was another story. It seems that industrial chemist John Andrews created a revolutionary additive for petrol. He claimed that once this product was added, ordinary tap water could be mixed with petrol and used to run the engine of a car. The mix of water, petrol and additive was, according to Andrews, was no less combustible than petrol alone. Now, if this were true, it means that the cost of a tank of petrol could be cut by more than half and pollution dramatically reduced.

Navy officials, on hearing these claims, supposedly went to Andrew's laboratory to see a demonstration of the secret additive, but on arrival found the scientist missing and his laboratory ransacked. Andrews was never seen again. Stories circulated about how major oil companies were willing to go to any lengths to protect their products from the impact of alternative fuels-lengths that might have included the abduction of Andrew and the destruction of his research data. That the case came to be dismissed in the first place has a simply added fuel, so to speak, to the conspiracy.

Choose the right option from the list of options given in each questions:

101. John Andrews was:

(a) a chemist

(b) a naval officer

(c) an industrial chemist

(d) a scientist

102. According to John Andrews, the mix of water, petrol and additive was:

- (a) Less combustible than petrol alone
- (b) not at all combustible
- (c) not lesser combustible than petrol alone
- (d) None of the above

103. A conspiracy theory is:

- (a) a plan to work out theory
- (b) a belief that others secretly plot together
- (c) a way of designing something
- (d) a method of finding the truth

104. Which statement best sums up the main idea in the first paragraph?

- (a) John Andrews went missing and his laboratory was ransacked
- (b) Oil companies don't like competition
- (c) John Andrews might have made a useful discovery
- (d) Environmental issues are important

105. The last sentence in the second paragraph means:

- (a) that fuel is required to keep the home fire burning
- (b) that fuel is the fire's food
- (c) to make a big hue and cry about an existing issue
- (d) None of the above

Direction (106 – 110): Find the correctly spelt word:

106. (a) Acquainttance

- (b) acquaintance
- (c) accuaintance
- (d) acquaintace

107. (a) Bibliography

- (b) bebliography
- (c) bebography
- (d) bibegraphe

108. (a) Ignouminious

- (b) ignomenious
- (c) ignominious
- (d) ignominieuse

109. (a) lieutenant

- (b) lieutenant
- (c) lieutenant

(d) lieutenat

110. (a) parallelogram

- (b) paralilogram
- (c) paeallelogram
- (d) Paralelogram

Direction (111 – 115): One-word substitution

111. A person who is indifferent to pains and pleasures of life.

- (a) stoic
- (b) saddest
- (c) psychiatrist
- (d) aristocrat

112. One who believes in the power of fate.

- (a) fatalist
- (b) optimist
- (c) pessimist
- (d) Parsimonious

113. Something kept as reminder of an event

- (a) souvenir
- (b) antique
- (c) trophy
- (d) prize

114. A fictitious name especially one assumed by an author.

- (a) pet name
- (b) pseudonym
- (c) sobriquet
- (d) nick name

115. One who believes everything she or he hears.

- (a) credulous
- (b) credential
- (c) credible
- (d) creditable

Direction (116 – 120): Choose the appropriate synonyms.

116. Urbane

- (a) civilized
- (b) rude
- (c) uncultured
- (d) Stubborn

117. Redress

- (a) steal
- (b) amends
- (c) relief
- (d) illegal

118. Erratic

- (a) deadly
- (b) cunning
- (c) hardened
- (d) Fickle

119. defy

- (a) agrees
- (b) obey
- (c) challenge
- (d) Cheat

120. Solitary

- (a) solid
- (b) hard
- (c) lonely
- (d) quietly

Direction (121 – 125): Choose the appropriate antonyms.

121. Adequate
(a) inadequate (b) inadvertent
(c) indifferent (d) indecisive
122. Affable
(a) fatal
(b) impolite
(c) friendly
(d) compassionate
123. Candid
(a) impartial (b) outspoken
(c) evasive (d) frank
124. Diligent
(a) hard working (b) attentive
(c) industrious (d) Indifferent
125. Ingenious
(a) artless (b) artful
(c) insincere (d) Truthful

Direction (126 – 130): Fill in the blanks with suitable active and passive verb forms.

126. The teacher _____ the student for lying.
(a) has been punished
(b) punished
(c) is punished
(d) was punished
127. I _____ to become a successful writer.
(a) has always-wanted
(b) am always wanted
(c) was always wanted
(d) am always wanting
128. The inmates of the juvenile home _____ well by their caretakers.
(a) we're not being treated
(b) we're not treating
(c) have not being treated
(d) was not being treated
129. As the patient could not walk he _____ home in a wheel chair.
(a) has carried
(b) has been carried
(c) was carried
(d) was carrying
130. The injured _____ to the hospital in an ambulance.

- (a) we're taking
(b) was taking
(c) were taken
(d) have taken

Direction (131 – 135): Fill in the blanks with suitable prepositions

131. He lives _____ 48, MG Road.
(a) in (b) at
(c) on (d) For
132. Stricken with grief, she banged herself _____ a piece of cloth.
(a) with (b) by
(c) to (d) of
133. This portrait was painted _____ an artist who lived in the eighteenth century.
(a) by (b) with
(c) in (d) for
134. We must start _____ reach in time.
(a) in (b) on
(c) at (d) with
135. The traveler must _____ sunset reach his destination _____ sunsest.
(a) in (b) at
(c) before (d) on

Direction (136 – 140): Fill in the blanks choosing the most appropriate words from the given options.

- Martin Cooper, a Motorola researcher and executive is widely **136** to be the inventor **137** the first mobile phone in 1973. There are **138** categories of mobile phones **139** from basic phones to feature phones **140** as music phones, camera phones and smart phones. The most commonly used data application on mobile phones is text messaging.
136. (a) Consider
(b) considered
(c) considering
(d) have considered
137. (a) for
(b) of
(c) as
(d) off
138. (a) many

- (b) few
- (c) much
- (d) more

139. (a) are ranging

- (b) ranging
- (c) range
- (d) ranges

140. (a) some

- (b) like
- (c) such
- (d) similar

Direction (141 – 145): Read the following conversations then choose the correct answer through the o below.

141. Uma said, 'I like teaching'. Uma said

- _____
- (a) that she is liking teaching
 - (b) that she liked teaching
 - (c) that she was liking teaching
 - (d) that she will like teaching.

142. Mother said to Murty, 'I will help you'.

Mother told Murty _____

- (a) that she would help him
- (b) She helps him
- (c) that she helped him
- (d) that she has helped him

143. Tanvi said 'I had lost my hand bag'.

Tanvi said _____

- (a) that she had lost her hand-bag
- (b) that she has lost her hand-bag
- (c) that she lost her hand-bag
- (d) that she have lost her hand-bag

144. My father said, 'Honesty is the best policy'. My father said

- (a) Honesty is the best policy.
- (b) that honesty is the best policy.
- (c) told honesty is the best policy.
- (d) whether honesty is the best policy.

145. Ashok said to Dinesh, "Why were you late for the class yesterday?"

- (a) Ashok asked Dinesh why was he late for the class yesterday.
- (b) Ashok asked Dinesh why he was late for the class yesterday.

(c) Ashok asked Dinesh why were you late for the class yesterday.

(d) Ashok asked Dinesh why he was late for the class the previous day.

Read the following poem and answer the Questions that follow:

HAPPINESS

What do you mean by happiness?

It means 'love' more and 'scolding' less!

Did you ever think how?

happiness can be bought?

Not by money but by sharing

it can be sought.

Do you know where happiness is stored?

Not in trunks but in the heart it is stored

How did one get it, find it or receive it?

By sharing, caring and

loving everybody a bit.

Why did the beggar smile that day?

The kindness of the Stranger made him gay.

Why does the sun shine every day?

For the love of the earth.

And her beauty we say.

During danger why do we call God?

Because he is the treasure of love and cares for all.

As a conclusion:

What is happiness and love?

That which is as sweet

and soft as a dove!

On the basis of the reading of the extract choose the right option to answer the following:

146. Happiness cannot be bought from anyone; rather it can be gained by _____ things and thoughts.

- (a) buying
- (b) sharing
- (c) stealing
- (d) robbing

147. Happiness can be kept safely in the _____ of a person.

- (a) trunk
- (b) cupboard
- (c) heart
- (d) mind

148. Sun feels happy after admiring the _____ of the Earth.

- (a) love
- (b) beauty

- (c) grace (d) luster
149. At the time of need, we remember God, as he ____
- (a) is Almighty
(b) is full of love
(c) has power and strength
(d) has love and affection for all
150. A word from the passage which is the antonym of sad.
- (a) loving (b) soft
(c) gay (d) crying

➤ Section - D (Social Studies)

151. In which year did James Mill publish the book "A History of British India"?
- (a) 1918 (b) 1817
(c) 1880 (d) 1921
152. Who was the last Viceroy of India?
- (a) Lord Canning
(b) Lord Mountbatten
(c) Lord Ripon
(d) Lord Wellesley
153. Who devised the new-system of revenue called Mahalwari?
- (a) Queen Elizabeth
(b) Holt Mackenzie
(c) Queen Victoria
(d) Gandhiji
154. A heavy gun used by infantry soldiers by the East India Company was:
- (a) Enfield (b) Musket
(c) Matchlock
(d) Machine Gun
155. The rebellion of the Indigo cultivators against the British planters known as:
- (a) White Rebellion
(b) Yellow Rebellion
(c) Blue Rebellion
(d) Red Rebellion
156. Cul-de-sac means:
- (a) A open prayer place
(b) A Sufi lodge
(c) A tomb of a Sufi saint
(d) A Street with dead end
157. In 1918, Mahatma Gandhi led a successful mill workers strike in:

- (a) Surat (b) Bombay
(c) Ahmadabad (d) Indore
158. In which city was the first textile mill started in 1853?
- (a) Madras (b) Bombay
(c) Nagpur (d) Delhi
159. Balancing the need to use of resources and also conserve them for future is known as:
- (a) Conservation
(b) Sustainable development
(c) Preservation
(d) Collectivization
160. Minerals that lie at shallow depths and taken out by removing the surface layer are known as:
- (a) Open-cast mining
(b) Shaft mining
(c) Quarrying
(d) Drillings
161. The growing of food and fodder crops and rearing livestock is called:
- (a) Intensive Farming
(b) Subsistence Farming
(c) Extensive Farming
(d) Mixed Farming
162. The process by which metals are extracted from their ores by heating beyond the melting point is known as:
- (a) Melting (b) Smelting
(c) Freezing (d) Blasting
163. The industries which use sea and oceans as raw material is called:
- (a) Forest Based Industries
(b) Mineral Based industries
(c) Marine Based industries
(d) Agro Based industries
164. Which one of the following countries in Europe has the largest deposits of iron?
- (a) Portugal (b) Russia
(c) Germany (d) Hungary
165. Which of the following is a private sector industry?
- (a) Hindustan Aeronautics Limited
(b) Iron and Steel industry
(c) Steel Authority of India

- (d) National Thermal Power Corporation
166. The movement of people in and out of an area is known as:
- (a) Emigration
(b) Immigration
(c) Migration
(d) Transportation
167. Who was the first Indian Governor-General of free India?
- (a) Mahatma Gandhi
(b) Jawaharlal Nehru
(c) (C) Rajagopalachari
(d) Sardar Vallabhai Patel
168. Which of the following is a famous bird sanctuary?
- (a) Kaziranga National Park
(b) Tiger Park at Dudhwa
(c) Gir-Forest
(d) Bharatpur Sanctuary
169. The Lahore Gate Improvement Scheme was introduced in the year:
- (a) 1927 (b) 1880
(c) 1915 (d) 1888
170. What is the term used for a business enterprise that makes profit primarily through trade during the British period?
- (a) Corporate
(b) Joint Stock Company
(c) Industry
(d) Mercantile
171. Which type of poems Kabir Wrote?
- (a) Bhakti tradition
(b) Veeri Ras
(c) Revolutionary
(d) None of these
172. The term of a member of the Rajya Sabha is:
- (a) 5 years (b) 3 Years
(c) 6 Years (d) 4 Years
173. An area or locality that is populated largely by members of a particular community is known as:
- (a) Ghetto (b) Cantonment
(c) Villa (d) Apartment
174. Every person has a Fundamental Right to be defended by a lawyer is

guaranteed in the Indian Constitution under:

- (a) Article 23 (b) Article 39A
(c) Article 22 (d) Article 25 A
175. A state which does-not promote any one religion as the State religion is a:
- (a) Theocratic State
(b) Secular State
(c) Monarchical State
(d) Federal State
176. "An arrested person has the right to be presented before a magistrate within hours of arrest".
- (a) 48 (b) 24
(c) 36 (d) 72
177. Which article in the constitution states that untouchability has been abolished?
- (a) Article 21 (b) Article 17
(c) Article 13 (d) Article 56
178. In which year did the Bhopal Gas Tragedy occur?
- (a) 1984 (b) 1999
(c) 1992 (d) 1972
179. What is a temporary alliance of groups or parties known as:
- (a) Multi-Party System
(b) Pact
(c) Coalition
(d) Joint Party
180. To increase access to justice the Supreme Court devised a mechanism known as:
- (a) Public interest Litigation
(b) Writ
(c) Habeas Corpus
(d) Certiorari

➤ Section - E (Hindi)

181. 'अर्जन' का विपरीतार्थक लिखिए।

- (अ) अचेत (ब) आगत
(स) बटोरना (द) विसर्जन

182. यह मकान छोटा है। रेखांकित में कौन-सा विशेषण भेद आता है?

- (अ) गुणवाचक (ब) संख्यावाचक
(स) परिमाणवाचक (द) सार्वनामिक

183. 'क्रांतिकारी' शब्द में संज्ञा का भेद बताइए:
 (अ) जातिवाचक संज्ञा
 (ब) व्यक्तिवाचक संज्ञा
 (स) भाववाचक संज्ञा
 (द) द्रव्यवाचक संज्ञा
184. मैंने एक कवि और..... को भी आमंत्रित किया था। रेखांकित शब्द का लिंग परिवर्तन करके रिक्त स्थान की पूर्ति कीजिए।।
 (अ) कवयित्री (ब) कवित्री
 (स) कवियत्री (द) कवियित्री
185. 'दाई से पेट छिपाना मुहावरे का सही अर्थ है।
 (अ) असंभव बात करना
 (ब) बेवकूफ बनाना
 (स) जानकार से बात छिपाना
 (द) व्यर्थ की कोशिश करना
186. 'जो पढ़ते हैं, वे पास होते हैं' वाक्य में सर्वनाम भेद बताइए:
 (अ) निश्चयवाचक
 (ब) प्रश्नवाचक
 (स) संबंधवाचक
 (द) निजवाचक
187. 'लक्ष/लाक्ष' शब्द का तद्भव शब्द लिखिए:
 (अ) लाख (ब) राख
 (स) आँख (द) लक्ष्य
188. वह भाषा, जिसकी लिपि देवनागरी है:
 (अ) तमिल (ब) पंजाबी
 (स) नेपाली (द) उर्दू
189. अर्थ के आधार पर वाक्य के भेद होते हैं –
 (अ) तीन (ब) आठ
 (स) चार (द) दो
190. 'गंगा हिमालय से निकलती है।' रेखांकित पद में कारक है।
 (अ) कर्ता (ब) कर्म
 (स) करण (द) अपादान
191. 'जो परिश्रम करते हैं, वे सफल होते हैं।' वाक्य का भेद है -
 (अ) साधारण वाक्य
 (ब) मिश्र वाक्य
 (स) संयुक्त वाक्य
 (द) इनमें से कोई नहीं
192. भारत में हिंदी भाषा को राजभाषा का दर्जा दिया गया –
 (अ) 14 सितम्बर 1949 को
 (ब) 24 मार्च 1951 को
 (स) 5 सितम्बर 1950 को
 (द) 14 नवम्बर 1964 को
193. निम्नलिखित विराम-चिहनों में 'अल्प विराम' कौन सा है।
 (अ) "....." (ब) .
 (स) ; (द) !
194. 'साप्ताहिक' शब्द में प्रत्यय है –
 (अ) कृ (ब) हिक
 (स) इक (द) ईक
195. 'द्विगु समास' का उदाहरण है-
 (अ) दिगंबर (ब) पंचरत्न
 (स) माता-पिता (द) कमलनयन
196. 'पत्ता' का तत्सम रूप है –
 (अ) पता (ब) खत
 (स) पुत्र (द) पत्र
197. 'भुलक्कड़' में मूल शब्द कौन-सा है?
 (अ) भुल (ब) भूला
 (स) भुलाव (द) भूल
198. तत्पुरुष समास में कौन-सा पद प्रधान होता है?
 (अ) पहला (ब) दूसरा
 (स) दोनों (द) चौथा
199. सही वर्तनी शब्द पहचानिए:
 (अ) तत्कालिक (ब) तत्कालीक
 (स) तात्कालिक (द) तात्कालीक
200. 'वह बहुत चतुर है।' वाक्य में विशेषण शब्द चुनिए:
 (अ) वह (ब) चतुर
 (स) बहुत (द) वह बहुत

RMS CET: 2018

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