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RMS CET - 2019

Section – A (Science)

1. The numerical ratio of displacement to distance for a moving object is:
   (a) Always less than 1
   (b) Equal to 1 or more than 1
   (c) Always more than one
   (d) Equal to 1 or less than
2. If we release a magnet held in our hand, it falls to the ground. The force which makes the magnet fall down is an example of:
   (a) Balanced force
   (b) Unbalanced force
   (c) Magnetic force
   (d) Muscular force
3. A car is moving through a crowded market; the motion of car is an example of:
   (a) Periodic motion
   (b) Uniform motion
   (c) Non-uniform motion
   (d) Both (a) and (b)
4. The maximum displacement of a body from its mean position is called:
   (a) Amplitude (b) Time period
   (c) Frequency (d) None
5. The unit of pressure is:
   (a) Newton (b) Pascal
   (c) Ohm (d) Meter
6. A hot utensil is kept away from the flame to cool down, transfers heat to the surroundings by which process:
   (a) Conduction
   (b) Convection
   (c) Radiation
   (d) Both (a) and (b)
7. Swimming pools appear shallower than they actually are; it is because of which phenomenon?
   (a) Reflection (b) Refraction
   (c) Both (a) and (b) (d) None
8. Which color of light is dispersed most by a prism?
   (a) Yellow (b) Red
   (c) Blue (d) Green
9. Ball bearings in machines are used to:
   (a) Decrease friction
   (b) Decrease surface area
   (c) Remove contact force
   (d) Increase lubrication
10. Students were asked to arrange forces due to rolling, static and sliding frictions in decreasing order. The correct arrangement is:
    (a) Rolling, Static, Sliding
    (b) Rolling, Sliding, Static
    (c) Static, Sliding, Rolling
    (d) Sliding, Static, rolling
11. 1 Newton is equal to:
    (a) 10^2 dyne (b) 10^4 dyne
    (c) 10^3 dyne (d) 10^5 dyne
12. The speed of sound is lowest in:
    (a) Solids (b) Liquids
    (c) Gases (d) Vacuum
13. The image formed by a plane mirror is always:
    (a) Real & inverted
    (b) Real & erect
    (c) Virtual & inverted
    (d) Virtual & erect
14. Seismic focus for earthquake is also known as:
    (a) Pericentre
    (b) Radial center
    (c) Epicentre
    (d) Hypocentre
15. If the angle of reflection is 55 then angle of incidence will be:
    (a) 45 (b) 90
    (c) 55 (d) 35

16. On passing electric current through solution of electrolyte, the solution experiences:
(a) Magnetic effect
(b) Heating effect
(c) Chemical effect
(d) None of the above

17. Which of the following atoms can exist independently?
(a) Hydrogen (b) Helium
(c) Oxygen (d) Nitrogen

18. The combined mass of protons and neutrons in the nucleus of an atom is called is:
(a) Atomic number
(b) Atomic mass
(c) Molecular mass
(d) Molecular number

19. Formation of ion is a result of loss or gain of:
(a) Electron (b) Proton
(c) Neutron (d) Atom

20. Which of the following is the least reactive metal?
(a) Gold (b) Aluminium
(c) Copper (d) Silver

21. Which of the following is used to freeze food?
(a) Hydrogen
(b) Liquid hydrogen
(c) Liquid Nitrogen
(d) Nitrogen

22. Diamond and graphite are:
(a) Isomers (b) Isotopes
(c) Allotropes (d) Polymers

23. Which of these can you substitute for glass in windows?
(a) Polythene (b) PVC
(c) Perspex (d) Teflon

24. Metal A dipped in a salt of metal B and displaces B from the solution. This shows that:
(a) A is more reactive than B
(b) B is more reactive than A
(c) Both a and b are equally reactive
(d) None of these

25. Which of these is an electrolyte?
(a) A metal
(b) Pure water containing salt
(c) Sugar solution
(d) All of the above

26. Which of the following fuels has the highest calorific value?
(a) Hydrogen
(b) LPG
(c) Petrol
(d) Natural Gas

27. Iron is electroplated with ____ to protect it from corrosion.
(a) tin (b) copper
(c) silver (d) chromium

28. Ozone gas is:
(a) [O] (b) 0_2
(c) OZn (d) 0_3

29. The dark zone of a candle flame is:
(a) Region around the wick
(b) Base close to wick
(c) Middle region of flame
(d) Outer region of flame

30. Water should not be used as extinguishing agent for fires caused by:
(a) Oil
(b) Electricity
(c) Both & b
(d) Burning of wood

31. Cod liver oil contains:
(a) Vitamin A
(b) Vitamin D
(c) Omega 3 fatty acids
(d) All of these

32. Conversion of ammonia into nitrates is called:
(a) Nitrification
(b) De-nitrification
(c) Ammonification
(d) De-ammonification

33. A denitrifying bacterium is:
(a) Pseudomonas

(b) Pseudopodia
(c) Nitrosomonas
(d) Nitrobacter

34. When a disease-causing microbe enters into our body, defence system produces:
(a) Antigens
(b) Antibodies
(c) Antibiotics
(d) Both (a) & (b)

35. The purest natural form of cellulose is:
(a) Rayon (b) Cotton
(c) Wool (d) Silk

36. The cell wall of a plant cell is made up of:
(a) Cellulose (b) Starch
(c) Glucose (d) Glycogen

37. Which of these are found as both unicellular and multicellular organisms?
(a) Bacteria (b) Viruses
(c) Algae (d) Protozoa

38. The human fetus remains connected with mother's blood circulation through:
(a) Oviduct (b) Fimbriae
(c) Umbilical cord (d) Vagina

39. The number of nuclei present in a zygote:
(a) One (b) Two
(c) Three (d) Four

40. Which of the following machines can be used to harvest a crop and also to beat out the grain from the chaff?
(a) Harvester (b) Combine
(c) Thresher (d) Harrow

41. The microbe which is used for making breads and cakes is:
(a) Amoeba (b) Yeast
(c) Rhizobium (d) None

42. Which term is used for a species which is restricted to a particular area?
(a) Extinct species
(b) Endangered species
(c) Endemic species
(d) Fauna

43. In _____, the offspring grows out of the parent's body.
(a) hydra (b) amoeba
(c) paramecium (d) human

44. A tadpole develops into an adult frog by the process of:
(a) Fertilization
(b) Metamorphosis
(c) Embedding
(d) Budding

45. Which of these is not a secondary sexual characteristic?
(a) Increase in height
(b) Release of testosterone
(c) Voice change
(d) Hair growth on body

46. The smallest animal cells are:
(a) Nerve cells
(b) Muscle cells
(c) Red Blood cells
(d) Platelet cells

47. The entire content of a living cell is known as:
(a) Protoplasm
(b) Nucleoplasm
(c) Cytoplasm
(d) None

48. The constellation Ursa Minor consists of:
(a) 5 stars (b) 7 stars
(c) 9 stars (d) 13 stars

49. What is the source of electric current in an artificial satellite?
(a) A mini nuclear reactor
(b) A dynamo
(c) A thermopile
(d) Solar cells

50. The device used for converting mechanical energy into electrical energy is called:
(a) Cell

(b) Transformer
(c) Dynamo
(d) Electric motor

Section B (Mathematics)

51. The value of $\sqrt{2\frac{1}{4}}$ is:
(a) $2\frac{1}{2}$ (b) $1\frac{1}{2}$
(c) $1\frac{1}{4}$ (d) None

52. The simplest value of $\left(1\frac{3}{10}\right)^3$:
(a) $1\frac{27}{1000}$ (b) $2\frac{27}{1000}$
(c) $2\frac{197}{1000}$ (d) $3\frac{27}{1000}$

53. By what least number we divide 1536 to make this number a perfect cube?
(a) 3 (b) 6
(c) 9 (d) 8

54. If p = 3, q = 5 the value of $\{1/p + 1/q\}^p$ is:
(a) $\frac{3375}{512}$ (b) $\frac{512}{3375}$
(c) $\frac{512}{225}$ (d) $\frac{64}{225}$

55. If x = 10, then the value of $4x^2 + 20x + 25$ will be:
(a) 256 (b) 425
(c) 625 (d) 575

56. If the marked price of an article is Rs. 1000, a discount of 10% is allowed on it, and then its sales price will be:
(a) 800 (b) 900
(c) 1100 (d) 990

57. A number decreased by $27\frac{1}{2}$ % gives 87. The number is:
(a) 58 (b) 110
(c) 120 (d) 135

58. If $p(x) = 5x^{25} - 3x^{12} + 2x$, then p(1) will be:
(a) 2 (b) 3
(c) 4 (d) 5

59. The cost of a calculator is Rs. 750. The sales tax charged on it is 5%. Then its selling price is:
(a) Rs. 768.5 (b) Rs. 778.5
(c) Rs. 787.5 (d) Rs. 788.5

60. A circle having a diameter 30 cm has a chord of 24 cm. Then the distance of the chord from its center is:
(a) 9 cm (b) 15 cm
(c) 12 cm (d) 13 cm

61. The sum of heights of a certain number of players is 745 cms and the mean height is 149 cm. The numbers of players are:
(a) 8 (b) 9
(c) 5 (d) 6

62. The factors of **'ab – mn + an – bm'** are:
(a) (a – b) (m – n)
(b) (a – m) (b + n)
(c) (a – n) (m + b)
(d) (m – a) (n – b)

63. A diagonal of a rectangle is inclined to one side of the rectangle at 25°. The acute between the diagonal is:
(a) 55° (b) 50°
(c) 40° (d) 25°

64. The value of $3^{24} \times 3^{26} - 3^{18} \times 3^{17} \times 3^{15}$ is:
(a) 27 (b) 3
(c) 9 (d) 0

65. The value of $(502)^2 - (498)^2$ = ?
(a) 4000×10^0
(b) 4000×10^1
(c) 4000×10^2
(d) 4000×10^{-1}

66. 1X2Y6Z is a number divisible by 9 then the least value of X + Y + Z is:
(a) 0 (b) 1
(c) 2 (d) 3

67. If (0, k) are the coordinates of a point, it will exist at which of the following:
(a) origin (b) x-axis
(c) y-axis (d) None

68. The factors of the expression $(a+b)^2 - 4ab$ is:
(a) (a + b) (a – b) (b) $(a - b)^2$

(c) $(a + b)^2$ (d) $(a^2 + b^2)$

69. 'x' and 'y' are inverse variation then which of the following is correct?
(a) x – y = constant
(b) x + y = constant
(c) xy = constant
(d) x/y = constant

70. If base area of a room is 12 m^2 and height is 300 cm, then its volume is:
(a) 4 m^3 (b) 12 m^3
(c) 18 m^3 (d) 36 m^3

71. What will be the value of 'x' in Pythagorean triplet (6, 8, x)?
(a) 5 (b) 7
(c) 10 (d) 11

72. The product of (a + 1) (a – 1) (a^2+1) is:
(a) $a^4 + 1$ (b) $a^4 - 1$
(c) 0 (d) 1

73. The expression [(x - y) (x + y) + (y - z) (y + z) + (z - x) (z + x)] on simplification becomes:
(a) xy + yz + zx (b) $x^2 + y^2 + z^2$
(c) 1 (d) 0

74. If $\frac{3}{2}x$ - 7 = 5x + 14, then the value of x is:
(a) 9 (b) – 6
(c) 6 (d) – 7

75. The value of $\sqrt[3]{-729}$ is:
(a) 9 (b) – 9
(c) 6 (d) – 7

76. A box contains 600 screws in which one tenth are not good. One screw is taken out at random from this box. Find the probability that it is a good screw?
(a) 1/10 (b) 9/10
(c) 1/60 (d) None

77. The base radius and height of a cylinder are 5 cm and 10 cm respectively. Then its total surface area is:
(a) 150π cm^2 (b) 300π cm^2
(c) 150 cm^2 (d) 300 cm^2

78. A quadrilateral ABCD is a parallelogram if:
(a) AB = CD
(b) AB < BC
(c) ∠A = 60° , ∠C = 60°, ∠B = 120°
(d) AB = AD

79. All the angles of a regular polygon are of:
(a) 90°
(b) 60°
(c) equal measure
(d) equal length

80. The length of parallel sides of trapezium are 14 cm and 6 cm and its height 5 cm. Its area will be:
(a) 50 cm^2 (b) 100 cm^2
(c) 210 cm^2 (d) 10 cm^2

81. The square of a proper fraction is:
(a) larger than the fraction
(b) smaller than the fraction
(c) equal to the fraction
(d) none of these

82. The value of 57 + 23 is:
(a) 1/4 (b) 80
(c) 1/8 (d) – 80

83. 216 is the multiplicative inverses of:
(a) 2^{-8} (b) 3^5
(c) 6^{-3} (d) 2^4

84. Charge of an electron is 0.000, 000, 000, 000, 000, 000, 16 coulombs and in exponential form it can be written as:
(a) 16 x 10^{-18} coulomb
(b) 1.6 x 10^{-21} coulomb
(c) 1.6 x 10^{-19} coulomb
(d) 16 x 20^{-21} coulomb

85. The formula for the area of an equilateral triangle is:
(a) $\frac{1}{2}a^2$ (b) $\frac{1}{2}a^3$
(c) a^3 (d) $\frac{\sqrt{3}}{4}a^2$

86. Two numbers are in the ratio 5 : 3. If they differ by 18, what are the numbers?
(a) 45, 27 (b) 50, 32

(c) 40, 22 (d) none

87. Sides of a rectangle are in the ratio 14: 3. If the perimeter of the rectangle is 170 cms, find the length?
(a) 42 (b) 6
(c) 70 (d) 150

88. The value of $\frac{5^{-1}\times 8^{2}}{2^{-3}\times 10^{-1}}$ is:
(a) 1024 (b) 1240
(c) 2410 (d) 1420

89. Two adjacent angles of a parallelogram are 2:3. Find the measure of its smaller angle?
(a) 72° (b) 80°
(c) 100° (d) 36°

90. Which is the greatest 4-digit perfect square?
(a) 9999 (b) 9990
(c) 9800 (d) 9801

91. What is the length of the side of a square whose area is 441 cm^2?
(a) 21 cm (b) 22 cm
(c) 20 cm (d) 12 cm

92. In a right angle triangle ABC, right angled at B, AB = 6 cm, BC = 8 cm, then AC is:
(a) 14 cm (b) 12 cm
(c) 21 cm (d) 10 cm

93. What is the length of the diagonal of a rectangle having dimensions 3 cm and 4 cm?
(a) 5 cm (b) 7 cm
(c) 1 cm (d) 4 cm

94. By which smallest number 90 must be multiplied so as to make it a perfect square?
(a) 5 (b) 2
(c) 10 (d) 3

95. The range of the (values) data 6, 14, 20, 16, 6, 5, 4, 18, 25, 15 and 5 is:
(a) 25 (b) 22
(c) 20 (d) 21

96. Each prime factor appears _____times in its cube?
(a) 2 (b) 3
(c) 1 (d) 4

97 The smalle st natural number by which 135 must be divided to obtain a perfect cbe is:
(a) 5 (b) 3
(c) 15 (d) 9

98 How many cuboids of dimensions 15 cm, 30 cm, 15 cm will be needed to icon a cube?
(a) 15 (b) 4
(c) 30 (d) 5

99. Find the one's digit of the cube of 149?
(a) 2 (b) 3
(c) 9 (d) none

100 Find the ratio of 3 km to 300 m?
(a) 10: 1 (b) 1 : 10
(c) 1 : 5 (d) none

Section C (English)

I. Read the passage given below and complete the sentences that follow:

Cheques must be dated and it does not matter if this is a Sunday. A bank will not pay out on a cheque before the date which appears on it. Nor usually will payment be made later than three months after the date appearing on a cheque. The signature on a cheque must correspond exactly with the specimen held by the bank. It does not matter in whose handwriting a cheque is filled provided the signature is in order. Incidentally the sum payable in words and figures must correspond and any alterations should be initialed or preferably be singled in full. If you draw two parallel lines across the face of the cheque, it may only be presented through a bank and the bank on which it is drawn will not pay cash across the counter.

When you draw two lines on top left corner of the cheque, it becomes account payee cheque which has to be deposited in the bank account of the beneficiary along with a pay-in slip. The money can only be received in the bank account of the person in whose name the cheque has been written. However, if no such line is drawn, the cheque can be presented at the Teller counter of bank and cash can received instantly.

101. A cheque must have a ____ to get encashed
(a) day
(b) address
(c) date
(d) telephone number

102. To get a cheque encashed:
(a) the writing should tally
(b) the signature should tally
(c) it should have two parallel lines at top right
(d) it should have two parallel lines at top left

103. If two parallel lines are drawn at lop left corner of the cheque:
(a) you get cash in exchange immediately
(b) it takes a month's time to get it encashed
(c) it becomes invalid
(d) it is received in the bank account of the person to whose name the cheque is made.

104. The amount in cheque should be written in:
(a) in figures only
(b) in words only
(c) words and figures both
(d) words and figure can be different

105. The word in the above passage which means the same as "sample" is:
(a) correspond (b) incidentally
(c) specimen (d) alterations

II. Find the correctly spelt word

106. (a) Exhibition (b) Exhabition
(c) Exhibision (d) Exehibition

107. (a) Enitiative (b) Initiative
(c) Initietive (d) Enitietive

108 (a) Sufisiently (b) Sufficiantly
(c) Sufficiently (d) Suficeintly

109. (a) Antisapate (b) Antisipate
(c) Anticapate (d) Anticipate

110 (a) Auxiliary (b) Auxillary
(c) Auxilary (d) Auxilliary

III. In the following questions, a sentence have been given in Active voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive voice.

111. You have to finish painting this fence by Friday.
(a) this fence has to be finished painting by you by Friday.
(b) This fence is to be finishing painted by you by Friday.
(c) Painting of this fence has to be painted by you by Friday.
(d) By Friday you will have finished painting the fence.

112. The dealer will service the scooter for free the first three times.
(a) The scooter will be serviced for free by the dealer for the first three times.
(b) The scooter was serviced for free by the dealer for the first three times.
(c) For the first three times, the dealer will service the scooter for free.
(d) Servicing of the scooter for free will be done by the dealer for the first three times.

113. The General presented us a detailed battle plan.
(a) A detailed battle plan will be presented to us by the General.
(b) The General presents us a detailed battle plan.

(c) A Detailed battle plan was presented to us by the General.
(d) Presenting of a detailed bathe plan was being done by the General to us.

114. The doctor has given me a very painful injection.
(a) A very painful injection has been given to me by the doctor.
(b) The doctor gives myself a very painful injection.
(c) A very painful injection is being given to me by the doctor.
(d) Giving of a painful injection to me has been done by the doctor.

115. The speeding car knocked down the pedestrian.
(a) The Car which was speeding has knocked down the pedestrian.
(b) The pedestrian was knocked down by the speeding car
(c) The pedestrian was being knocked down by the car which was speeding.
(d) Knocking down of the pedestrian has been done by the speeding car.

IV. In the following question, a sentence has been given in Direct speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in indirect speech.

116. Rakesh says, "Can you prepare a cup of tea for me, Sunita?"
(a) Rakesh tells Sunita to prepare a cup of tea for him.
(b) Rakesh tells Sunita if she could prepare a cup of tea for him.
(c) Rakesh asked Sunita if she can prepare a cup of tea for him.
(d) Rakesh asks Sunita if she can prepare a cup of tea for him.

117. Anil said, "Ali deserved the prize."
(a) Anil says that Ali deserves the prize.
(b) Anil said that Ali deserves the prize
(c) Anil said that Ali has deserved the prize.
(d) Anil said that Ali had deserved the prize.

118. They said, "We play cricket every Sunday here at the club"
(a) They said that they played cricket every Sunday here at the club
(b) They said that they played cricket every Sunday there at the club
(c) They said that they play cricket every Sunday there at the club
(d) They said that they play cricket every Sunday here at the dub

119. "I always drink warm water in the morning." She said to me.
(a) She said to me that she always drinks warm water in the morning.
(b) She said to me she always drank warm water in the morning.
(c) She said to me she always drinks warm water in the morning.
(d) She said to me that she always drank warm water in the morning.

120. "Where are you going?" father asked me.
(a) Father asked me where I am going.
(b) Father asked me that where you are going.+
(c) Father asked me where I would be going.
(d) Father asked me where I was going.

V. In the following questions choose the word which best expresses the meaning of the given word

121 COMBAT
(a) Quarrel (b) Fight
(c) Conflict (d) Feud

122. BRIEF
(a) Limited (b) Small
(c) Little (d) Short

123 VENT
(a) Opening (b) Stop
(c) End

(d) Past tense of go

124. AUGUST
(a) Common
(c) Dignified (b) Ridiculous
(d) Petty

125. ALERT
(a) Energetic
(c) Intelligent (b) Observant
(d) Watchful

VI. Fill in the blanks by choosing the most appropriate words.

126. I slept _____ nine o'clock.
(a) till (b) for
(c) to (d) with

127. I commenced work _____1st May.
(a) in (b) with
(c) until (d) from

128. The child has been missing ____ yesterday.
(a) for (b) since
(c) over (d) in

129. I saw him cutting a big tree ____ a hatchet.
(a) from (b) for
(c) with (d) among

130. An old feud existed ____ the two families.
(a) between (b) from
(c) unto (d) for

VII. Select the correct term:

131. One who looks on the dark side of things:
(a) optimist (b) Pessimist
(c) hypocrite (d) feminist

132. A government by one:
(a) autocracy (b) democracy
(c) aristocracy (d) anarchy

133. A study of birds.
(a) archaeology (b) biology
(c) zoology (d) ornithology

134. One who doesn't know how to read and write:
(a) illegible (b) illiterate
(c) unaware (d) inimitable

135. A life story written by oneself:
(a) autobiography (b) biography
(c) archaeology (d) diary

VIII. Complete the following sentences choosing the most appropriate articles.

136. I met a traveler from _____ antique land
(a) none (b) the
(c) an (d) a

137. Education makes man _____ real man.
(a) a (b) the
(c) none (d) an

138. The mariner had cast _____spell on him.
(a) an (b) the
(c) a (d) none

139. A conspiracy theory is _____secret plot designed together.
(a) the (b) an
(c) none (d) a

140. He thanked him for being instrumental in getting ____ role in the film.
(a) a (b) an
(c) the (d) none

IX. Complete each idiom.

141. Barking dogs seldom _____.
(a) attack (b) bite
(c) sleep (d) protects

142. The boy tried to read ___ the lines.
(a) on (b) under
(c) off (d) between

143. Let us call it a _____!
(a) morning (b) night
(c) year (d) cray

144. You can't teach an old ____new tricks.
(a) cat (b) boy
(c) dog (d) man

145. It's raining cats and _____.
(a) dogs (b) rats
(c) cats (d) mews

X. Read the following passage given below and answer the questions that follow:

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

146. All our progress will be destroyed if we:
(a) kill terrorists
(b) nourish ill will
(c) slaughter animals
(d) fatt to establish peace

147. Scientific progress has made it necessary:
(a) to have national relationship
(b) to have feelings of enmity
(c) to have international relationship
(d) None of the above.

148. The whole of mankind will be destroyed if:
(a) epidemic breaks out
(b) panic starts
(c) war breaks out
(d) world war is stopped

149 'Live and lt live' is:
(a) a wrong principle
(b) a sound religion
(c) to be avoided
(d) only a theoretical concept

150 God i plies:
(a) Father of Heaven
(b) Devil
(c) Ruler of Hell
(d) unknown

Section D (Social Studies)

151. In which year was the first cotton mill setup in India?
(a) 1837 (b) 1764
(c) 1666 (d) 1854

152. Which word refers to more than one level of government in the country?
(a) Parliamentary form of Government
(b) Separation of Powers
(c) Sovereignty
(d) Federalism

153. How many Anglo Indian members are nominated in the Lok-Sabha?
(a) 04 (b) 05
(c) 02 (d) 06

154. Which article of the constitution guarantees Fundamental Rights to an arrested person?
(a) Article 35 (b) Article 20
(c) Article 25 (d) Article 22

155. In which year was the Scheduled Castes and Scheduled Tribes Act passed?
(a) 1980 (b) 1989
(c) 1971 (d) 1974

156. Which factor determines thickness of soil Profile?
(a) Relief (b) time
(c) Climate (d) Parent rock

157. Which source of energy is known as Buried Sunshine?
(a) Petroleum (b) Coal
(c) Fire wood (d) Nuclear gas

158. In which state is Tarapur Nuclear Power Station located?
(a) Rajasthan (b) Tamil Nadu
(c) Maharashtra (d) Karnataka

159. The number of people living in a unit area of earth's surface is known as:
(a) Population distribution
(b) Population density
(c) Population growth
(d) Population change

160. What is heat energy obtained from the earth known as?
(a) Tidal energy
(b) Nuclear energy
(c) Geothermal
(d) Hydel energy

161. A heavy gun used by infantry soldiers by the East India Company was:
(a) Double barrel gun
(b) Enfield Musket
(c) Matchlock
(d) Machine Gun

162. Who proclaimed himself as Peshwa during the Revolt of 1857 near Kanpur?
(a) Tantiya Tope
(b) Baji Rao
(c) Nana Sahib
(d) Ahmadullah Shah

163. The Marathi newspaper Kesari was edited by:
(a) Bal Gangadhar Tilak
(b) Bipin Chandra Pal
(c) Sarojini Naidu
(d) Lala Lajpat Rai

164. A book of basic fundamental legal document is known as:
(a) Preface (b) Preamble
(c) Constitution (d) Rule

165. A state which does not promote any one religion as the State religion is a:
(a) Theocratic State
(b) Secular State
(c) Monarchial State
(d) Federal State

166. The Chairman of the Rajya Sabha is:
(a) Speaker
(b) Election Commissioner
(c) Vice-President
(d) Attorney General

167. FIR means:
(a) First Indian Report
(b) First Information Report
(c) First inquisitive Report
(d) Fundamental Indian Report

168. An area or locality that is populated largely by members of a particular community is known as:
(a) Ghetto
(b) Cantonment
(c) Hamlet
(d) Colony

169. The growing of food and fodder crops and rearing livestock is called:
(a) Intensive farming
(b) Subsistence farming
(c) Extensive farming
(d) Mixed farming

170. Manufacturing comes under which activity?
(a) Primary (b) Mining
(c) Secondary (d) Tertiary

171. The Third Battle of Panipat was fought in the year?
(a) 1743 (b) 1752
(c) 1761 (d) 1763

172. The Champaran movement was against:

(a) Peasants
(b) East India Company
(c) The oppressive attitude of planters
(d) None of the above

173. Portuguese first came to India in search of:
(a) Cotton (b) Spices
(c) Steel (d) Muslin

174. The fight for 'Purna Swaraj' was fought under the President ship of:
(a) Mahatma Gandhi
(b) Jawaharlal Nehru
(c) Rajagopalachari
(d) Sardar Vallabh Bhai Patel

175. Australia uses largest portion of its area for:
(a) Pastures (b) Crop Land
(c) Forest (d) Other uses

176. Which of the following countries usually practice commercial agriculture?
(a) USA (b) Bangladesh
(c) India (d) Bhutan

177. Which is an important administrative way to regulate executive in Parliament?
(a) Assembly (b) Zero hour
(c) Question hour (d) None

178. Article 21 of the Constitution Guarantees:
(a) Right to speech
(b) Right to life
(c) Right to freedom
(d) None of the above

179. The minorities are forced to live on the margins of economic and social development, this is known as:
(a) Malnourished
(b) Marginalization
(c) Displaced
(d) All of these

180. Which is the Article of Constitution that states that Untouchability has been abolished?
(a) Article 16 (b) Article 18
(c) Article 28 (d) Article 17

Section E (Hindi)

181. कार्यक्रम में अनेक नायक और..... पधारे थे। रेखाकिंत शब्द का लिंग परिवर्तन करके रिक्त स्थान की पूर्त कीजिए
(अ) नायका (ब) नायक
(स) नायिका (द) नाइक

182. खरगोश गाजर खा रहा है। रेखाकिंत क्रिया का भेद लिखिए
(अ) अकर्मक (ब) सकर्मक
(स) प्रेरणार्थक (द) व्दिकर्मक

183. निम्नलिखित विराम चिह्नों मे अर्द्धविराम कौन-सा है?
(अ) । (ब) ,
(स) ! (द) ;

184. 'वास्तविक' शब्द में प्रत्यय है :
(अ) व (ब) ईक
(स) विक (द) इक

185. बहुब्रीहि समास में कौन-सा पद प्रधान होता है?
(अ) पहला (ब) दूसरा
(स) तीसरा (द) दोनों

186. 'आशाघर में ही रहेगी' अव्यय का प्रकार लिखिए
(अ) क्रियाविशेषण (ब) विस्मयादित
(स) समच्यय (द) निपात

187. रचना के आधार पर वाक्य के भेद होते हैं
(अ) दो (ब) चार
(स) पंच (द) तीन

188. य.र.ल.व. व्यंजन वर्गको क्या कहते हैं?
(अ) ऊष्म (ब) स्पर्श
(स) अंतःस्थ (द) संयुक्त

189. आ.ई.ऊ. कौन-सी संधि में मुख्य रूप से आते हैं
(अ) गुण (ब) दीर्घ
(स) यण (द) अयादि

190. यथाशक्ति' शब्द में समास है
(अ) अव्ययीभाव (ब) बहुब्रीहि
(स) कर्मधारय (द) तत्पुरूष

191. जो शब्द स्त्रीलिंग नहीं है उसे चुनिए ।

(स) विधवा (ब) माला

192. मोष्ठिकशब्द का शुद्ध रूप है (द) सन्यासी

(अ) ओष्ठ

(स) ओष्ट (ब) औष्ट

(द) औष्ठ

193. 'मोहन बहुत चतुर है' वाक्य में प्रविशेषण है

(अ) बहुत (ब) चतुर

(स) मोहन (द) है

194. 'मैं वहाँ जा रहा हूँ जहाँ मोहन रहता है वाक्य का प्रकार है

(अ) मिश्र वाक्य (ब) सरल वाक्य

(स) संयुक्त वाक्य (द) साधारण वाक्य

195. उँगली पर नचाना मुहावरे का सही अर्थ है

(अ) अपनी इच्छानुसार कार्य करवाना

(ब) मेल में शक्ति होना

(स) दोनों और संकट

(द) पूरा प्रयत्न करना

196. अनिवार्य'शब्द का विलोम शब्द है

(अ) ऐच्छिक

(ब) अनिवार्यता

(स) दक्षिण

(द) महत्वपूर्णता

197. शायद वह आने वाला है' वाक्य का प्रकार है

(अ) संकेतवाचक (ब) विधिवाचक

(स) प्रश्नवाचक (द) संदेहवाचक

198. तुम्हें यहाँ नहीं आनाचाहिए था। रेखांकित क्रिया विशेषण का भेद बताइए

(अ) कालवाचक (ब) परिमाणवाचक

(स) रीतिवाचक (द) स्थानवाचक

199. 'गुरूमुखी' लिपि किस भाषा की लिपि है

(अ) हिन्दी (ब) उर्दू

(स) पंजाबी (द) संस्कृत

200. घोड़ा का तत्सम शब्द है

(अ) घोटक (ब) खेत

(स) गर्दभ (द) कोकिल