

## THE WINNING EDGE DEFENCE ACADEMY (WEDA)

### RMS – 9th – 2017 PREVIOUS YEAR PAPER ANSWER KEY

#### SECTION – A (SCIENCE)

**1. The soil matter formed by decayed organic matter is called:**

- (a) Pesticide                      (b) Fertilizer                      (c) Humus                      (d) Biocide

**2. Which of the following cell has branches in their structure?**

- (a) RBC                      (b) Skin cells                      (c) Neuron                      (d) WBC

**3. Which gas is filled in electric bulb?**

- (a) Nitrogen                      (b) hydrogen                      (c) Carbon dioxide                      (d) Oxygen

**4. The strength of the force is generally expressed in:**

- (a) Altitude                      (b) Horsepower                      (c) Magnitude                      (d) Kilograms

**5. Visually impaired people can read and write by using:**

- (a) Digital pens                      (b) Braille system                      (c) Hearing aids                      (d) Electronic writer

**6. Name the gas evolved when magnesium reacts with dilute hydrochloric acid**

- (a) Chlorine                      (b) Oxygen                      (c) Hydrogen                      (d) Nitrogen

**7. The image formed by a plane mirror is always:**

- (a) Real and inverted                      (b) Real and erect                      (c) Virtual and inverted                      (d) Virtual and erect

**8. Which of the following disease generally caused by smog (Smoke + Fog)?**

- (a) Asthma                      (b) Heart attack                      (c) Brain disorder                      (d) Malaria

**9. Yeast is used in the production of:**

- (a) Sugar                      (b) Alcohol                      (c) Hydrochloric acid                      (d) Oxygen

**10. Name the gas present in fire extinguisher.**

- (a) Carbon dioxide                      (b) Oxygen                      (c) Nitrogen                      (d) LPG

**11. The smallest animal cells are:**

- (a) Nerve cells                      (b) Muscle cells                      (c) Red Blood cells                      (d) Platelet cells

**12. Identify the correct statement about tissue from the following**

- (a) A tissue is a group of similar cells performing different functions.  
(b) A tissue is a group of similar cells performing same function.  
(c) A tissue is a single cell performing different functions.  
(d) A tissue is a group of different cells performing different functions.

**13. In humans, the development of embryo takes place in:**

- (a) Ovaries (b) Oviduct (c) Uterus (d) ovum

**14. From which part of the female body egg is produced?**

- (a) Uterus (b) Fallopian tube (c) Ovary (d) Stomach

**15. Which of the following one in female is responsible for breast development?**

- (a) Testosterone (b) Estrogen (c) Thyroxine (d) Adrenalin

**16. Which of the following is not an insulator?**

- (a) Brick (b) Steel (c) Cotton (d) Plastic

**17. Which of the following can exerts a force on another without contact?**

- (a) Wood (b) Pencil (c) Magnet (d) Paper

**18. The lowest temperature at which a substance catches fire is called:**

- (a) Combustion (b) Ignition temperature (c) Explosion (d) Maximum temperature

**19. The force acting area of a surface is called:**

- (a) Gravity (b) Pressure (c) Momentum (d) Magnitude

**20. A frequency of 1 Hz is equal to how many oscillations per second?**

- (a) 2 (b) 3 (c) 4 (d) 1

**21. Species of plants and animals which are found exclusively in a particular area are called**

- (a) Endemic species (b) Exotic species (c) Local species (d) Specific species

**22. Which of the following combinations are present in plant cell but not in animal cell?**

- (a) Cell wall and Plastid (b) Cell wall and Cell membrane  
(c) Plastid and Nucleus (d) Cell Membrane and Cytoplasm

**23. How many chromosomes are present in male sperm cell?**

- (a) 46 (b) 23 (c) 1 (d) 2

**24. The stage of embryo in which all the body parts are visible is called a?**

- (a) Zygote (b) Egg (c) Fetus (d) Ovary

**25. Diabetes (Sugar disease) due to the absence of the following hormone?**

- (a) Insulin (b) Adrenalin (c) Testosterone (d) Amylase

**26. Which of the following one is called as basic unit of life?**

- (a) Organ (b) Tissue (c) Cell (d) DNA

**27. Sun produces heat and light through**

- (a) Combustion reactions (b) Nuclear reactions  
(c) Oxidation reactions (d) Displacement reactions

**28. The force of friction is high in:**

- (a) Smooth surface (b) Rough surface

(c) Glass surface (d) Flat with smooth

**29. Which fiber is used as artificial wool?**

(a) Nylon (b) Acrylic (c) Polyester (d) Rayon

**30. Which is the outermost layer of an animal cell?**

(a) Cell Wall (b) Cell membrane (c) Cytoplasm (d) Protoplasm

**31. The entire content of a living cell is known as:**

(a) Protoplasm (b) Nucleoplasm (c) Cytoplasm (d) None

**32. Deposition of desired metal on other material by means of electricity is called as:**

(a) Electroplating (b) Equilibrating (c) Disassociating (d) Charging

**33. Which of the following device is used to check whether object carrying charge or not?**

(a) ECG (b) Microscope (c) Electroscope (d) Telescope

**34. In which of the following state, Jim Corbett Park is located?**

(a) Uttar Pradesh (b) Uttarakhand (c) Assam (d) Madhya Pradesh

**35. Chickenpox is caused by:**

(a) Bacteria (b) Virus (c) Protozoa (d) Fungus

**36. Which of the following option is said to be as celestial objects?**

(a) Star (b) Moon (c) Planets (d) All of these

**37. Orion is a**

(a) A Constellation (b) Star (c) Planet (d) Satellite

**38. The maximum displacement of a body from its mean position is called as:**

(a) Amplitude (b) Oscillation (c) Periodic motion (d) Frequency

**39. The property of metal by which it can be drawn into wires is called as:**

(a) Malleability (b) Ductility (c) Permeability (d) Sonorous

**40. Baking soda is the common name for:**

(a) Sodium carbonate (b) Calcium Carbonate (c) Sodium hydrogen carbonate (d) Sodium Chloride

**41. Name the acid formed when Sulphur dioxide reacts with water.**

(a) HCL (b) H<sub>2</sub>SO<sub>3</sub> (c) H<sub>2</sub>SO<sub>4</sub> (d) CuSO<sub>4</sub>

**42. Which of the following one is not a constituent of petroleum mixture?**

(a) Petrol (b) Paraffin wax (c) Coke (d) Diesel

**43. Which of the following one comes under algae?**

(a) Spirogyra (b) Paramecium (c) Amoeba (d) All of these

**44. Conversion of milk into curd is done by:**

- (a) Protozoa                      (b) Bacteria                      (c) Fungus                      (d) Algae
- 45. Identify the antibiotic from the following:**
- (a) Erythromycin                      (b) Tetracycline                      (c) Streptomycin                      (d) All of these
- 46. Which of the following element is used for the vulcanization of rubber?**
- (a) Sulphur                      (b) Iodine                      (c) Phosphorous                      (d) Potassium
- 47. Which of the following one is synthetic fiber?**
- (a) Polyester                      (b) Cotton                      (c) Jute                      (d) Silk
- 48. Which of the following one is called thermosetting plastic?**
- (a) Bakelite                      (b) Melamine                      (c) PVC                      (d) a and b
- 49. Which of the following is largest and multipurpose protected area?**
- (a) A national park                      (b) A biosphere reserve                      (c) A sanctuary                      (d) A zoo
- 50. Which one of the following gas is used in combustion?**
- (a) Hydrogen                      (b) Carbon dioxide                      (c) Nitrogen                      (d) Oxygen

### **SECTION – B (MATHEMATICS)**

- 51. By what least number we divide 1536 to make it a perfect cube?**
- (a) 3                      (b) 6                      (c) 9                      (d) 8
- 52. The product of two rational numbers  $\frac{-14}{27}$ . If one of the number be  $\frac{7}{9}$ , find the other**
- (a)  $\frac{2}{3}$                       (b)  $\frac{-198}{243}$                       (c)  $\frac{243}{-198}$                       (d)  $\frac{-2}{3}$
- 53. If  $x - \frac{1}{x} = 6$  then the value of  $x^2 + \frac{1}{x^2}$  is:**
- (a) 36                      (b) 38                      (c) 32                      (d) 34
- 54. Total number of outcomes, when a ball is drawn from a bag which contains 3 red, 5 black and 4 blue balls is:**
- (a) 8                      (b) 7                      (c) 9                      (d) 12
- 55. Numbers 1 to 5 are written on separate slips, i.e. one number on one slip and put in a box. Wahid pick a slip from the box without looking at it. What is the probability that the slip bears an odd number?**
- (a)  $\frac{3}{5}$                       (b)  $\frac{1}{5}$                       (c)  $\frac{9}{5}$                       (d)  $\frac{2}{5}$
- 56. Arpita's present age is thrice of Shilpa. If Shilpa's age three years ago was  $x$ . Then Arpita's present age is:**
- (a)  $3(x - 3)$                       (b)  $3x + 3$                       (c)  $3x - 6$                       (d)  $3(x + 3)$

57. The sum of three consecutive multiples of 7 is 357. Find the smallest multiple

- (a) 112                      (b) 126                      (c) 119                      (d) 116

58. A number is first increased by 10% and then reduced by 10%. Then the new number will:

- (a) Does not change      (b) Decrease by 1%      (c) Increases by 1%      (d) None of these

59. 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

60. A quadrilateral whose all sides are equal, opposite angles are equal and the diagonals bisect each other at right angles is a:

- (a) Parallelogram      (b) Rhombus                      (c) Square                      (d) Rectangle

61. Sum of all interior angles of a polygon with  $(n)$  sides is given by:

- (a)  $(n - 2) \times 180$       (b)  $(n - 1) \times 180$       (c)  $(n + 2) \times 180$       (d)  $(n + 1) \times 180$

62. The number of sides in a regular polygon is 15, and then measure of each exterior angle is:

- (a) 24                      (b) 36                      (c) 20                      (d) 18

63. If the three angles of a quadrilateral are 120, 130, 10 then what is the fourth angle?

- (a) 30                      (b) 100                      (c) 40                      (d) 90

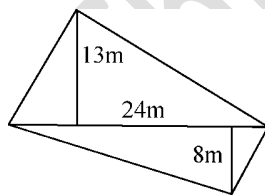
64. 64 is the multiplicative inverse of:

- (a) 2-8                      (b) 82                      (c) 1/82                      (d) 24

65. The formula for finding volume of cylinder is:

- (a)  $2\pi r^2 h$                       (b)  $2\pi r h$                       (c)  $\pi r h$                       (d)  $\pi r^2 h$

66. The diagonal of a quadrilateral shaped field is 24 m, the perpendiculars dropped on it from the remaining opposite vertices are 8 m. and 13 m. The area of field is:



- (a) 616 m<sup>2</sup>                      (b) 525 m<sup>2</sup>                      (c) 175 m<sup>2</sup>                      (d) 252 m<sup>2</sup>

67. The height of cuboid whose volume is 200 cm<sup>3</sup> and base area is 20 cm<sup>2</sup> is

- (a) 220 cm                      (b) 100 cm                      (c) 10 cm                      (d) 20 cm

68. In a quadrilateral half of the product of the sum of the lengths of parallel sides and the perpendicular distance between them gives the area of:

- (a) Rectangle                      (b) Parallelogram                      (c) Triangle                      (d) Trapezium

69. The volume of rectangular box whose length, breadth and height is  $2pr$ ,  $4q$  and  $8r$  respectively

is:

- (a)  $14 pqr^2$                       (b)  $2pr + 4q + 8r$                       (c)  $64 pqr^2$                       (d) 64

**70. The area of rectangle is  $xy$  where  $x$  is length and  $y$  is breadth. If the length of rectangle is increased by 5 units and breadth is decreased by 3 units, the new area of rectangle will be:**

- (a)  $(x - y)(x + 3)$                       (b)  $xy + 15$                       (c)  $(x + 5)(y - 3)$                       (d)  $xy + 5 - 3$

**71. The smallest natural number by which 135 must be divided to obtain a perfect cube is:**

- (a) 5                      (b) 3                      (c) 15                      (d) 9

**72. What is the length of the diagonal of a rectangle having dimensions 6 cm and 8 cm?**

- (a) 10                      (b) 14                      (c) 2                      (d) 4

**73. What is the smallest square number which is divisible by each of the numbers 6, 9 and 15?**

- (a) 900                      (b) 810                      (c) 630                      (d) 720

**74. Which least number should be subtracted from 632 so as to get a Perfect square?**

- (a) 4                      (b) 5                      (c) 6                      (d) 7

**75. Which smallest number should be added to 80 so as to make it a Perfect Square?**

- (a) 2                      (b) 3                      (c) 1                      (d) 4

**76. Which of the following number would have digit 6 at unit's place?**

- (a)  $219^2$                       (b)  $324^2$                       (c)  $125^2$                       (d)  $213^2$

**77. The measure of each interior angle of a regular polygon is 140, then number of sides that regular polygon has:**

- (a) 15                      (b) 12                      (c) 9                      (d) 10

**78. By selling a table for Rs. 330 a trader gains 10%. Find the cost price of the table.**

- (a) Rs. 320                      (b) Rs. 300                      (c) Rs. 430                      (d) Rs. 480

**79. Malvika gets 98 marks in her exams. This amounts to 56% of the total marks. What are the maximum marks?**

- (a) 175                      (b) 150                      (c) 200                      (d) 160

**80. Find the amount on Rs. 4,096 at the rate of 12.5% per annum for 18 months compounded half-yearly.**

- (a) Rs. 5,000                      (b) Rs. 4,913                      (c) Rs. 4,931                      (d) Rs. 5,832

**81. A defective briefcase costing Rs. 800 is being sold at a loss of 10%. If the price is further reduced by 5%, find its selling price.**

- (a) Rs. 680                      (b) Rs. 699.20                      (c) Rs. 787                      (d) Rs. 684

**82. If a man were to sell a watch for Rs. 700, he would lose 20%. What must he sell it for to gain 20%?**

- (a) Rs. 1200                      (b) Rs. 980                      (c) Rs. 1008                      (d) Rs. 900

**83. Ratio between the lateral area and base area of a cuboid whose length and breadth are equal and height is two times of length.**

- (a) 1 : 2                      (b) 4 : 1                      (c) 8 : 1                      (d) 1 : 4

**84. Two cubes each with side  $b$  are joined to form a cuboid. What is the surface area of this Cuboid?**

- (a)  $12b^2$                       (b)  $10b^2$                       (c)  $18b^2$                       (d) None

**85. The curved surface area of a cylinder is  $100\pi$  m<sup>2</sup>. Length of the cylinder is 10m. Find its Radius?**

- (a) 10 m                      (b) 5 m                      (c) 20 m                      (d) None

**86. Interior angle of a regular pentagon is:**

- (a) 180                      (b) 720                      (c) 360                      (d) 108

**87. Adjacent angles of a parallelogram are  $2x$  and  $3x$ . Which are the angles?**

- (a) 72 & 108                      (b) 36 & 72                      (c) 144 & 216                      (d) 72 & 180

**88. If  $F$ ,  $E$  and  $V$  represents the faces, edges and vertices respectively of polyhedral then which of the following is the Euler's formula?**

- (a)  $F - V + E = 2$                       (b)  $F + V + E = 2$                       (c)  $F + V - E = 2$                       (d)  $F - V - E = 2$

**89. The blood group of six students is recorded as:**

Group	A <sup>+</sup>	B <sup>+</sup>	O <sup>+</sup>
No. of Students	1	2	3

**Find the central angle in  $\pi$  chart made by A<sup>+</sup> blood group.**

- (a) 60                      (b) 120                      (c) 180                      (d) 180

**90. The simple's value of  $(3^{-1} + 4^{-1}) \div 5^{-1}$  is:**

- (a)  $\frac{7}{10}$                       (b)  $\frac{35}{12}$                       (c)  $\frac{7}{5}$                       (d)  $\frac{7}{15}$

**91. If 4 men can complete a work in a week, how many men will complete the same work in two weeks?**

- (a) 8                      (b) 2                      (c) 4                      (d) 14

**92. The expanded form of  $(2x + \frac{1}{2}y)^2$**

- (a)  $4x^2 + 4xy + \frac{1}{4}y^2$                       (b)  $4x^2 + 2xy + \frac{1}{4}y^2$                       (c)  $4x^2 + 2xy + \frac{1}{4}y^2$                       (d)  $4x^2 + 2xy + \frac{1}{4}$

**93. If the surface area of a cube is 150 sq. cm. then its volume will be:**

- (a) 5 cm<sup>3</sup>                      (b) 25 cm<sup>3</sup>                      (c) 30 cm<sup>3</sup>                      (d) 125 cm<sup>3</sup>

**94. The total surface area of a cylinder whose height is twice the radius is:**

- (a)  $6\pi r^2$                       (b)  $8\pi r^2$                       (c)  $6\pi r^2$                       (d)  $81\pi r^2$

**95. The volume of the earth dug out from a well of 20 m depth and 2.1 m radius will be:**

- (a)  $300 \text{ m}^2$                       (b)  $277.2 \text{ m}^2$                       (c)  $27.72 \text{ m}^2$                       (d)  $2772 \text{ cm}^2$

**96. The radius of a roller is 35 cm, length of the roller is 2 m. How much area will the roller cover in 50 revolutions?**

- (a)  $3850005 \text{ cm}^2$                       (b)  $220 \text{ m}^2$                       (c)  $200 \text{ m}^2$                       (d)  $7700 \text{ cm}^2$

**97. A computer was bought at Rs. 42000. Its value depreciated at the rate of 8% per annum. Its value after one year will be:**

- (a) Rs. 36840                      (b) Rs. 34840                      (c) Rs. 38640                      (d) Rs. 36480

**98. The factors of  $150 - 6x^2$  are:**

- (a)  $(25 - 6x)(25 + 6x)$                       (b)  $6(5 - x)(5 + x)$                       (c)  $(5 - 3x)(5 + 3x)$                       (d) None

**99. The letters of the word 'PROBABILITY' are placed in a bag. One letter is taken at random. What is the probability that the letter picked up is 'B'?**

- (a)  $\frac{1}{11}$                       (b) 1                      (c)  $\frac{2}{11}$                       (d)  $\frac{11}{2}$

**100. The base of a right triangle is 8cm and its hypotenuse is 10 cm, its area is**

- (a)  $24 \text{ cm}^2$                       (b)  $40 \text{ cm}^2$                       (c)  $48 \text{ cm}^2$                       (d)  $80 \text{ cm}^2$

### **SECTION - C (ENGLISH)**

**I. Read the following passage carefully and answer the given questions.**

Many animals are able to communicate with each other very well-but none of them can talk as we do. That is, no animals use words. Birds cry out and make sound that other birds understand Smells, movements, and sounds are used for communication by animals, through which they express joy or anger or fear. Human speech is a very complicated process, which no animal can perform. One reason is that in a very special way we use a whole series of organs to produce the sounds we want to make when we utter words. The way our vocal cords are made to vibrate, the way the throat, mouth and nasal cavities are adjusted, the way the lips, teeth, lower jaw, tongue and palate are moved - just to make vowel and consonant sounds, is something animals can't do. They cannot produce a whole series of words to make a sentence. And there is another, perhaps more important reason why animals can't talk. Words are only labels for objects, actions, feelings, expressions and ideas. For example, the word 'bird' is a label for a living, flying object. Other words describe its color, shape, flying and singing. Still other words would be used to tell what the speaker thinks or feels about the bird or its actions. For human beings, therefore, the use of words means the use of labels or symbols and then organizing them in a certain way to communicate something. This requires a degree of intelligence and logical thinking that no animals have. So, they can't talk the way people do.

**101. Communication in animals is made through**

- (a) smells, movements and sounds                      (b) smells, setting and flying  
(c) smells, sitting and running                      (d) smells, sitting and eating

**102. The emotions which are expressed by birds are:**



- (a) joy, love, hate      (b) joy, jealousy or zeal      (c) joy, fear or anger      (d) joy, cry or anger

**103. Animals cannot talk like us as human speech is a:**

- (a) complete process      (b) easy process      (c) complex process      (d) confused process

**104. For using words properly human beings require:**

- (a) degree of graduation      (b) Intelligence and logical thinking  
(c) logical thinking and vocal cords      (d) logical thinking and imagination

**105. The noun form of 'communicate' is**

- (a) communicative      (b) communicated      (c) communication      (d) communicating

**II. Complete the following sentences choosing the most appropriate option.**

**106. The swimming pool opens at 09:00 hrs. and \_\_\_\_\_ at 18:30 hrs. every day.**

- (a) is closing      (b) closes      (c) has closed      (d) closed

**107. The Olympic Games \_\_\_\_\_ place every four years.**

- (a) has taken      (b) is taking      (c) takes      (d) took

**108. Look! That man \_\_\_\_\_ to open the door of your car.**

- (a) tries      (b) has been trying      (c) tried      (d) is trying

**109. Look at the river. It \_\_\_\_\_ very fast today, much faster than usual.**

- (a) flows      (b) has been flowing      (c) is flowing      (d) flowed

**110. We usually grow vegetables in our garden but this year we \_\_\_\_\_ any.**

- (a) don't grow      (b) haven't grown      (c) aren't growing      (d) didn't grow

**III. Choose the most appropriate options from the ones given below to complete the following Passage.**

Hundreds of card shops **(111)** mushroomed in our cities creating a craze **(112)** cards among youngsters. There was a time when people **(113)** send cards wishing Happy Diwali **(114)** New year. **(115)** cards were mostly handwritten and had a charm of their own.

- 111.** (a) has      (b) have      (c) had      (d) have been

- 112.** (a) on      (b) an      (c) in      (d) for

- 113.** (a) should      (b) have to      (c) ought to      (d) used to

- 114.** (a) or      (b) on      (c) an      (d) at

- 115.** (a) Those      (b) This      (c) That      (d) These

**IV. Choose the Antonym of the following words.**

**116. OPTIMIST**

- (a) Confiscate      (b) Pessimist      (c) Prosecute      (d) Beacon

**117. COMMONER**

- (a) Foul (b) Tidy (c) Distract (d) Noble

**118. CHAOTIC**

- (a) Safe (b) Disorganized (c) Calm & orderly (d) Pale

**119. ALLY**

- (a) west (b) bottom (c) enemy (d) decline

**120. VACANT**

- (a) thin (b) occupied (c) bottom (d) distort

**V. Four words are given in each question, out of which only one word is correctly spelt. Find the correctly spelt word.**

- 121.** (a) academically (b) academically (c) acadmically (d) academically

- 122.** (a) guidance (b) guidancce (c) guideince (d) guidancce

- 123.** (a) yielled (b) yield (c) yieild (d) yeilld

- 124.** (a) relieve (b) releave (c) releeve (d) reilieve

- 125.** (a) receive (b) receeve (c) recceive (d) recive

**VI. Fill in the blanks with the most appropriate Prepositions.**

**126. They will return \_\_\_\_\_ sunset.**

- (a) for (b) at (c) on (d) with

**127. His mother died \_\_\_\_\_ cholera.**

- (a) before (b) of (c) with (d) on

**128. I write \_\_\_\_\_ a pen.**

- (a) after (b) on (c) at (d) with

**129. Would you prefer to work \_\_\_\_\_ a factory or a farm.**

- (a) besides (b) with (c) in (d) at

**130. The Prime Minister lives \_\_\_\_\_ Chestnut Avenue.**

- (a) before (b) at (c) with (d) on

**VII. One Word Substitution.**

**131. Person who does not believe in the existence of God.**

- (a) Theist (b) Heretic (c) Atheist (d) Fanatic

**132. A disease which spreads by contact.**

- (a) Incurable (b) Infectious (c) Contagious (d) Fatal

**133. Custom of having many wives.**

- (a) Misogamy (b) Bigamy (c) Polygamy (d) Monogamy

**134. A doctor who treats skin diseases.**

- (a) Ophthalmologist      (b) Pediatrician      (c) Cardiologist      (d) Dermatologist

**135. A lady who remains unmarried.**

- (a) Spinster      (b) Artist      (c) Misanthrope      (d) Bachelor

**VIII. Complete the following by choosing the correct Questions tags:**

**136. Nisha dances very well \_\_\_\_\_?**

- (a) doesn't she      (b) does she      (c) aren't she      (d) isn't She

**137. We have not met before, \_\_\_\_\_?**

- (a) did we      (b) didn't we      (c) haven't she      (d) have we

**138. She is senior to you, \_\_\_\_\_?**

- (a) aren't she      (b) don't she      (c) isn't she      (d) is she

**139. You are a bit late today, \_\_\_\_\_?**

- (a) aren't you      (b) don't you      (c) are you      (d) do you

**140. We are learning English Grammar, \_\_\_\_\_?**

- (a) are we      (b) shall we      (c) aren't we      (d) shan't we

**IX. Fill in the blanks by choosing the most appropriate words from the given options.**

Mahatma Gandhi did not set out **(141)**, evolve a philosophy of life or formulate a system of beliefs or ideals. He had **(142)** the inclination nor the time **(143)** do so. He had however, firm faith **(144)** truth and ahimsa **(145)** their practical application to life. They are said to be the constituent's teachings.

**141.** (a) as      (b) to      (c) of      (d) at

**142.** (a) neither      (b) either      (c) not      (d) or

**143.** (a) for      (b) of      (c) by      (d) to

**144.** (a) in      (b) about      (c) for      (d) with

**145.** (a) with      (b) or      (c) and      (d) from

**X. Fill in the blanks with suitable active and passive verb forms.**

**146. Sahil Sharma makes tea Tea \_\_\_\_\_ Sahir Sharma.**

- (a) is made      (b) was made      (c) has been made      (d) has made

**147. My father loves me. I \_\_\_\_\_ by my father.**

- (a) loved      (b) was loved      (c) were loved      (d) am loved

**148. We hate him. He \_\_\_\_\_ by us.**

- (a) has hated      (b) is hated      (c) was hated      (d) will be hated

**149. He is making a film. A film \_\_\_\_\_ by him.**

- (a) is made      (b) had been made      (c) is being made      (d) had made

150. My sons are playing the match. The match \_\_\_\_\_ played by my sons.

- (a) had been                      (b) is                                      (c) is being                              (d) has being

### **SECTION – D (SOCIAL STUDIES)**

151. A Calligraphist is one whose:

- (a) Write important notes in the king's court                      (b) Specialize in the art of beautiful writing  
(c) Write personal diaries    (d) Paint on the walls

152. Lord Cornwallis introduced the:

- (a) Ryotwari Settlement                      (b) Permanent Settlement                      (c) Mahalwari System                      (d) Nij

153. Who led the revolt of 1857 in Bihar?

- (a) Tantia Toppe                      (b) Nana Sahib                              (c) Kunwar Singh                              (d) Bahadur Shah

154. During British period Rashtrapati Bhawan was known as:

- (a) Kingsway                              (b) Viceroy Palace                              (c) Imperial House                              (d) Viceroy Lodge

155. From where did Gandhiji began the famous Salt March?

- (a) Sabarmati                              (b) Dandi    (c) Kolkata    (d) Vedranyam

156. A Sovereign State means:

- (a) Practice any religion.    (b) Head of the State is elected  
(c) Equal opportunity for every citizen.    (d) Free from any internal and external interference.

157. 'The protection of women from Domestic Violence' Act came into effect in:

- (a) 2006    (b) 2004    (c) 2005    (d) 2008

158. Who guarantees the Right to Education for all the children between the ages of 6 - 14 years?

- (a) President    (b) Parliament    (c) Lok Sabha    (d) Indian Constitution

159. Name a ruler whose sword is smelted with wootz steel?

- (a) Rani Laxmi Bai    (b) Bahadur Shah Zafar    (c) Nana Sahib    (d) Tipu Sultan

160. Rani Channamma is associated with

- (a) Coonoor    (b) Kitoor    (c) Hyderabad    (d) Cochin

161. What is Calico?

- (a) Cotton textile    (b) A machine    (c) A design on cloth    (d) Name of a book

162. In which year did Gandhiji return to India from South Africa?

- (a) 1920    (b) 1915    (c) 1935    (d) 1917

163. What are shafts?

- (a) Wooden bridges    (b) Rooftops    (c) Canoes    (d) Deep bores

**164. Thorium is found in large quantities in the Monazite sands of:**

- (a) Kerala (b) Rajasthan (c) Gujarat (d) Madhya Pradesh

**165. Which of the following refers to more than one level of government?**

- (a) Separation of powers (b) Sovereignty (c) Federalism (d) Democracy

**166. How many members are nominated to the Rajya Sabha by the President?**

- (a) 14 (b) 18 (c) 12 (d) 22

**167. Why was Public Interest Litigation introduced?**

- (a) To increase access to justice (b) To reduce civil rights  
(c) Introducing Law courses (d) Increasing Civil Courts

**168. Which Article in the Constitution states that untouchability has been abolished?**

- (a) Article 20 (b) Article 17 (c) Article 22 (d) Article 19

**169. Who set up the Asiatic Society of Bengal?**

- (a) Lord Bentinck (b) William Jones (c) Macaulay (d) A. O. Humes

**170. Who is called as the "Father of History"?**

- (a) Plutarch (b) Herodotus (c) Justin (d) Pliny

**171. Mansabdari System was introduced by \_\_\_\_\_**

- (a) Akbar (b) Shershan (c) Humayun (d) Jehangir

**172. In North East India shifting cultivation is known as \_\_\_\_\_.**

- (a) Milpa (b) Jhummig (c) Roca (d) Ladang

**173. Franchise refers to \_\_\_\_\_.**

- (a) Right to speak (b) Right to speak French (c) Right to trade (d) Right to vote

**174. If a person is forced to work for low wages which Fundamental right he can use to protect himself?**

- (a) Right to freedom (b) Cultural & Educational right  
(c) Right to Equality (d) Fight against exploitation

**175. Balancing the need to use resources and also conserve them for the future is called as**

- (a) Sustainable development (b) Resource Conservation  
(c) Resource Development (d) Human Resource Development

**176. Which courts were first established in three presidency cities of Calcutta, Bombay and Madras in 1862?**

- (a) Lower Court (b) High Court (c) Supreme Court (d) Civil Court.

**177. What determines the thickness of soil profile?**

- (a) Parent Rock (b) Time (c) Relief (d) Climate

178. A field left uncultivated for a while so that the soil recovers fertility is called:

- (a) Fallow (b) Barren (c) Follow (d) Fertile

179. \_\_\_\_\_ refers to the separation of religion from the state?

- (a) Federalism (b) Anarchy (c) Secularism (d) Monarchy

180. When was Mangal Pandey hanged to death?

- (a) 28 August 1857 (b) 29 June 1857 (c) 29 March 1857 (d) 29 March 1757

### **SECTION – E (HINDI)**

181. 'चौराहा' समस्त पद में प्रयुक्त समास का सही भेद लिखिए:

- (अ) तत्पुरुष समास (ब) द्वंद्व समास (स) द्विगु समास (द) कर्मधारय समास ।

182. किस भाषा की लिपि देवनागरी लिपि है?

- (अ) कन्नड़ (ब) तेलगु (स) तमिल (द) मराठी

183. 'वर्षा हो रही है और धूप निकली हुई है' वाक्य का भेद बताइए।

- (अ) संयुक्त वाक्य (ब) मिश्र वाक्य (स) सरल वाक्य (द) विशेषण वाक्य

184. जातिवाचक संज्ञा शब्द होगा।

- (अ) राम (ब) घोड़ा (स) गरीबी (द) मैं

185. 'पुस्तक मेज पर रखी है।' वाक्य में प्रयुक्त कारक छांटिए।

- (अ) अधिकर;द्धा कारक (ब) संबोधन कारक (स) कर्म कारक (द) संप्रदान कारक

186. 'कुछ लड़के जा चुके हैं।' रेखांकित अंश के विशेषण का भेद बताइए।

- (अ) गुणवाचक (ब) निश्चित संख्यावाचक  
(स) अनिश्चित परिमाणवाचक (द) अनिश्चित संख्यावाचक

187. 'लघु' शब्द की उत्तरावस्था होती है।

- (अ) लघुत्तर (ब) लघुता (स) लघुतर (द) लघुत्तम

188. जो सर्वनाम विशेषण के रूप में प्रयोग होते हैं, उन्हें कहते हैं:

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

189. 'वह अखबार पढ़ रहा है' वाक्य में क्रिया का प्रकार है:

- (अ) सकर्मक (ब) अकर्मक (स) रंजित (द) प्रेरणार्थक

190. 'मोहन एक विद्वान लड़का है।' विशेषण का प्रकार बताइए।

- (अ) गुणवाचक विशेषण (ब) संख्यावाचक विशेषण  
(स) परिमाणवाचक विशेषण (द) सार्वनामिक विशेषण
191. 'शीतल पवन धीरे-धीरे वह रही है।' रेखांकित में क्रिया विशेषण का भेद कौन-सा है?  
(अ) कालवाचक (ब) रीतिवाचक (स) परिमाणवाचक (द) स्थानवाचक
192. धरती का पर्यायवाची नहीं है।  
(अ) तटिनी (ब) भू (स) धरा (द) वसुंधरा
193. 'घाट-घाट का पानी पीना' मुहावरे का सही अर्थ है:  
(अ) जगह जगह का अनुभव प्राप्त करना। (ब) घड़े का पानी पीना।  
(स) निश्चित जगह पर जाकर पानी पीना। (द) गटक-गटक कर पानी पीना।
194. जब शब्द वाक्य में प्रयोग किए जाते हैं तो उन्हें कहते हैं।  
(अ) पद (ब) पदबंध (स) सार्थक शब्द (द) शब्द
195. सही वर्तनी पहचानिए:  
(अ) साहित्यीक (ब) साहित्यिक (स) साहीत्यिक (द) साहितियक
196. 'अत्याचार' शब्द में उपसर्ग है।  
(अ) अ (ब) अति (स) अत्य (द) अत्या
197. 'रवीन्द्र' शब्द में संधि का भेद है:  
(अ) गुण संधि (ब) दीर्घ संधि (स) वृद्धि संधि (द) यण संधि
198. 'सरस' का विलोम शब्द है:  
(अ) सारस (ब) नीरस (स) निराशा (द) सरसा
199. नायक का सही संधि विच्छेद है:  
(अ) ने + अक (ब) नै + अक (स) ना + अक (द) नौ + अक
200. "आम्र" शब्द का तद्भव शब्द लिखिए:  
(अ) आम (ब) अम्ल (स) इमली (द) पदार्थ

**ANSWERKEY**

**RMS – CET: 2017**

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