



**SATISH SCIENCE ACADEMY**  
DHANORI PUNE - 411015

**RIMC paper - 5**  
**ENTRANCE EXAM - SAINIK SCHOOL (CLASS 9)**

**Time Allowed:** 3 hours

**Maximum Marks :** 200

**General Instructions:**

- This question paper booklet contains FIVE sections.  
Section A - Science (50 questions)  
Section B - Mathematics (50 questions)  
Section C - English (60 questions)  
Section D - Social Science (30 questions)  
Section E - Hindi (20 questions)
- The duration of the test is 3 hours. There is no negative marking for a wrong answer.

**SCIENCE**

- Select the crop sown in June/July and harvest in September/October : [1]  
a) Potato                                      b) Pulses  
c) Bajra                                        d) Barley
- Continuous growing of crops make the soil poorer and less - fertile. We can replenish soil by the following method. [1]  
a) Ploughing                                      b) Using weedicides  
c) Crop - rotation                                      d) Leveling
- Which of the farming method is considered best in hilly areas? [1]  
a) Strip farming                                      b) Contour farming  
c) Jhoom farming                                      d) Passed Lvming
- Which of the following plant symbiotic relationships with nitrogen - fixing Rhizobium bacteria? [1]  
a) Rice    b) Peas  
c) Barley    d) Wheat
- Suppose all soil bacteria are removed what will be the result? [1]  
a) Soil fertility will increase  
b) All plants growing in that soil will become disease free  
c) Soil fertility will decrease  
d) All grasses will appear more green
- Capsid of a virus consist of a number of subunits called [1]  
a) Capsomers                                      b) Sheath  
c) Spike    d) Peplomers
- Petroleum was formed from: [1]  
a) Organisms living in the sea  
b) Dead vegetation  
c) Wood  
d) Rocks
- Coal is a fossil fuel and it cannot be prepared in the laboratory or industry because the formation of coal  
i. Is a very slow process  
ii. Needs very low pressure and low temperature  
iii. Needs very high pressure and high temperature  
iv. Causes air pollution  
Select the correct statements. [1]  
a) I and III only                                      b) I and II only  
c) III and IV only(                                      d) II and IV only

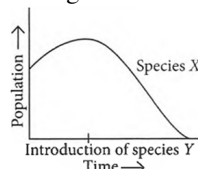
- The allotrope of carbon used to extract metals is [1]  
a) Charcoal                                      b) Coal  
c) Coke    d) Gas carbon

- Coke is obtained from: [1]

- Destructive distillation of petroleum
- Refining of petroleum
- Destructive distillation of coal
- Refining of coal

- Gas that has very high calorific value is: [1]  
a) Oxygen    b) Nitrogen  
c) Hydrogen    d) Chlorine

- The given graph shows the changes in population of species X endemic to an area before and after the introducing of a small population of species Y.



Which of the following holds true regarding this? [1]

- Both Species Y is predator of species X. It fed on X and lead to its decline and ultimately extinction of species X and Both species X and Y are herbivores.
  - Both species X and Y are herbivores.
  - Cannot be predicted
  - Species Y is predator of species X. It fed on X and lead to its decline and ultimately extinction of species X.
- Which one is a dicotyledonous plant? [1]  
a) Gram    b) Sugar cane  
c) Wheat    d) Banana
  - Various modes of transfer of pollen grains are [1]  
a) Insects    b) Water  
c) All of these    d) Air (wind)
  - During in - vitro fertilization, the process of fertilization, occurs in [1]  
a) Uterus  
b) Water (outside the body)  
c) Fallopian tube  
d) Test tube in laboratory (outside the body)
  - Which of the following contain iron rich food? [1]

- a) Polished rice                      b) Leafy vegetable  
c) Potato                                d) Brinjal
- 17) The development of a new individual from a single gamete without fertilization is called [1]  
a) Pragmatism                      b) Parentheses  
c) Parthenocarp                      d) Parthenogenesis
- 18) Sliding is replaced in most machines by [1]  
a) Use of ball bearings              b) Using graphite  
c) Using powder                      d) Using lubricants
- 19) Which one of the following is a right arrangement? [1]  
a) Rolling friction > static friction < sliding friction  
b) Sliding friction < static friction < rolling friction  
c) Rolling friction > static friction > sliding friction  
d) Static friction > sliding friction > rolling friction
- 20) Human beings can produce sound due to the vibrations of the \_\_\_\_\_. [1]  
a) Larynx                                b) Windpipe  
c) Vocal cords                      d) Voice box
- 21) Which of the following statements is incorrect? [1]  
a) Static friction is greater than rolling friction.  
b) Sliding friction is less than rolling friction.  
c) Rolling friction is less than static friction.  
d) Static friction is greater than sliding friction
- 22) In our brain, the effect of hearing persists for a time duration equal to [1]  
a)  $\frac{1}{10}$  s                                      b)  $\frac{1}{20}$  s  
c)  $\frac{1}{25}$  s                                      d) 1s
- 23) An object attached to one end of a spring makes 20 vibrations in 10s. Its frequency is [1]  
a) 0.05 Hz                              b) 2 Hz  
c) 0.2 Hz                                d) 10 Hz
- 24) In most of the cases vibration of objects are not visible because [1]  
a) Frequency is very less  
b) Wavelength is very large  
c) Amplitude is very small  
d) Wavelength is very small
- 25) Which of the following liquid conduct electric current? [1]  
a) Honey                                b) Lemon juice  
c) Distilled water                      d) Milk
- 26) The bumpers and the door handles of motor cars, taps etc. are coated with chromium layer because: [1]  
a) It forms a hard layer which does not easily get scratched  
b) It does not easily get corroded.  
c) All of these  
d) It is cheap
- 27) Conductor having very high resistance is [1]  
a) Resistor                              b) Good conductor  
c) Semi conductor                      d) Insulator
- 28) The outermost layer of earth is called [1]  
a) Mantle                                b) Crust  
c) Outer core                              d) Inner core
- 29) Match column I and column II and select the correct option from the given codes.

	Column I Reading on Richter scale	Column II Effect of earthquake
P	6 to 6.9	(i) Not felt but recorded
Q	4 to 5.9	(ii) can be destructive in small area
R	0 to 3	(iii) Total damage due to great earthquake
S	8 to above	(iv) Often felt but less damage

[1]

- a) P - (i), Q - (ii), R - (iii), S - (iv)  
b) P - (iii), Q - (ii), R - (i), S - (iv)  
c) P - (ii), Q - (iv), R - (iii), S - (i)  
d) P - (ii), Q - (iv), R - (i), S - (iii)

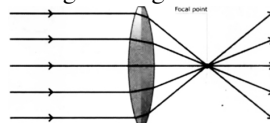
30) Lightning conductor provides safety to a building by [1]

- a) Providing a safe path to the flow of huge amount of charges from clouds to the earth.  
b) By dissipating electric charge to the surrounding air.  
c) Both Providing a safe path to the flow of huge amount of charges from clouds to the earth and By dissipating electric charge to the surrounding air.  
d) The flow of huge amount of charges from clouds to the earth

31) Which of the following is not a part of the human eye? [1]

- a) Retina                                      b) Ciliary muscles  
c) Auditory nerve                      d) Optic nerve

32) The given figure is showing:



[1]

- a) Converging of light rays.  
b) All of these  
c) Dispersion of light.  
d) Diverging of light rays.

33) Which one of the following is a transparent object? [1]

- a) Dense fog                              b) Reading glass  
c) Wax paper                              d) Stone

34) The bird kites have larger number of [1]

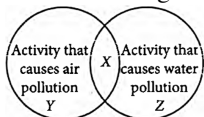
- a) Cones are absent.  
b) Rods  
c) Cones  
d) Both rods and cones in equal numbers

35) The image of an object formed on the retina of the eye is [1]

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

- 36) When you stand in front of a small mirror. The image formed will appear to be of [1]  
 a) Larger and inverted      b) Same size and erect  
 c) Smaller and erect      d) Larger and erect
- 37) In ecosystem the source of energy is - [1]  
 a) Green Plants  
 b) Sugar produced in Photosynthesis  
 c) Sun  
 d) ATP
- 38) From the space the sky appears to an astronaut [1]  
 a) Red      b) Blue  
 c) Black      d) White
- 39) Ryma took a substance (X) in a deflagrating spoon and burned it. She carefully collected the evolved vapours (Y) in a test tube and added a small amount of water to the test tube. Then she tested the solution obtained (Z) with litmus paper. The solution turned blue litmus red. X, Y and Z could be respectively [1]  
 a) Sulphur, sulphur dioxide and sulphurous acid  
 b) Magnesium, magnesium oxide and magnesium hydroxide  
 c) Phosphorus, phosphoric acid and phosphorus pentoxide  
 d) Sulphur, sulphur trioxide and sulphur dioxide
- 40) Which property of metal is used in making aluminium foils? [1]  
 a) Malleability      b) Conductivity  
 c) Sonorous      d) Ductility

- 41) Refer to the given Venn diagram.

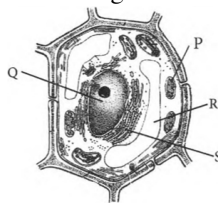


What can be placed at X, Y and Z respectively? [1]

- a) X - Untreated sewage Y - Burning of garbage in open, Z - Construction sites  
 b) X - Smoking Y - Lead processing units, Z - Use of pesticides in agricultural fields  
 c) X - Use of fertilisers in agricultural fields Y - Oil refineries, Z - Gases emitted by motor vehicles  
 d) X - construction sites, Y - Use of chlorofluoro carbons in cooling devices, Z - Discharge of hot water from factories into water bodies
- 42) How is sewage water purified for recycling? [1]  
 a) By the action of non - biodegradable chemicals  
 b) By the action of fuels  
 c) By the action of micro - organisms  
 d) By the action of fish
- 43) The Ganga Action Plan was launched in the year [1]  
 a) 1958      b) 1985  
 c) 2000      d) 1981
- 44) A gradual increase in the average temperature of earth's atmosphere is known as [1]  
 a) Deforestation      b) Water vapour  
 c) Acid rain      d) Global warming
- 45) What are the factors that differentiate the different types of fibers?  
 i. Strength  
 ii. Water absorbing capacity  
 iii. Nature of burning

- iv. Cost  
 v. Durability

- [1]  
 a) I, II, III and IV      b) I, II, III, IV and V  
 c) III and V      d) II, III and IV
- 46) Which of the following do not contain polyester fabric? [1]  
 a) Orlon      b) Terrycot  
 c) Terrywool      d) Terylene
- 47) Polythene is a polymer, which is obtained from the polymerisation of the following - [1]  
 a) Ethylene      b) Butadiene  
 c) Isoprene      d) Propylene
- 48) Refer to the given characteristic of an organelle and select the option that correctly identifies it.  
 i. It is abundantly found in enzymes secreting cells.  
 ii. It has ribosomes attached to its surface.  
 [1]  
 a) Smooth endoplasmic reticulum  
 b) Golgi apparatus  
 c) Lysosomes  
 d) Rough endoplasmic reticulum
- 49) Anil wants to see microscopic view of the organelle which takes part in the transmission of hereditary characters from one generation to the next. Which labelled part will his teacher focus to make a microscopic view of the organelle?



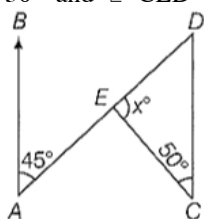
- [1]  
 a) Q      b) P  
 c) S      d) R
- 50) Which one of the following is called the energy currency of the cell? [1]  
 a) MTP      b) ATP  
 c) FTP      d) Both A or B

## MATHS

- 51) A number is divisible by 4 if its [1]  
 a) Last digit is 0  
 b) Last two digits are divisible by 4  
 c) Last digit is 4  
 d) Last digit is 8
- 52) In a two - digit number, the digit in the units place is four times the digit in the tens place and sum of the digits is equal to 10.  
 What is the number? [1]  
 a) 10      b) 42  
 c) 92      d) 28
- 53) Find:  $\frac{2}{5} \times \frac{-3}{7} - \frac{1}{14} - \frac{3}{7} \times \frac{3}{5}$  [1]  
 a) 1      b)  $\frac{1}{2}$   
 c)  $-\frac{1}{2}$       d) 2
- 54) By how much  $\frac{3}{4}$  th of 52 is lesser than  $\frac{2}{3}$  rd of 99? [1]  
 a) 66      b) 27  
 c) 39      d) 33

- 55) The property represented by  $a \times (b + c) = a \times b + a \times c$  is [1]  
 a) Closure property  
 b) Distributive property  
 c) Associative property  
 d) Commutative property
- 56) 34.678678678 is a/an [1]  
 a) Irrational number  
 b) Whole number  
 c) Integer  
 d) Rational number
- 57) The sum of three consecutive even numbers is 138, then the greatest of these numbers is [1]  
 a) 46  
 b) 42  
 c) 48  
 d) 44
- 58) A quadrilateral that is not a parallelogram but has exactly two equal opposite angles is : [1]  
 a) A rhombus.  
 b) A trapezium  
 c) A square.  
 d) A kite.
- 59) A parallelogram each of whose angles measures  $90^\circ$  is \_\_\_\_\_. [1]  
 a) Rectangle  
 b) Trapezium  
 c) Kite  
 d) Rhombus
- 60) Which of the following statement (s) is/are true?  
 i. In a trapezium the diagonals bisect each other  
 ii. In a rectangle diagonals intersect at right angle  
 iii. The diagonals of a rhombus are equal  
 iv. None of these  
 [1]  
 a) Option (ii)  
 b) Option (i)  
 c) Option (iii)  
 d) Option (iv)
- 61) If PQRS is a parallelogram, then  $\angle P - \angle R$  is equal to [1]  
 a)  $80^\circ$   
 b)  $90^\circ$   
 c)  $60^\circ$   
 d)  $0^\circ$
- 62) If  $\left(\frac{m}{n}\right)^{\frac{3}{8}} + \left(\frac{n}{m}\right)^{\frac{3}{8}} = 9$  then find the value of  $\left(\frac{m}{n}\right)^{\frac{3}{4}} + \left(\frac{n}{m}\right)^{\frac{3}{4}}$ . [1]  
 a) 83  
 b) 84  
 c) 79  
 d) 72
- 63) For a non - zero rational number p,  $p^{13} \div p^8$  is equal to [1]  
 a)  $P^{-19}$   
 b)  $P^{-5}$   
 c)  $P^5$   
 d)  $P^{21}$
- 64) The usual form of  $1.001 \times 10^9$  is \_\_\_\_\_. [1]  
 a) 100100000  
 b) 1001000000  
 c) 10010000  
 d) 1001000
- 65) The scientific notation of 16500000000000 is given by: [1]  
 a)  $16.5 \times 10^{12}$   
 b)  $1.65 \times 10^{14}$   
 c)  $16.5 \times 10^{13}$   
 d)  $1650 \times 10^{11}$
- 66) The value of  $2^3 \times a^3 \times 5a^4$  is \_\_\_\_\_. [1]  
 a)  $30 \times a^7$   
 b)  $40 \times a^5$   
 c)  $40 \times a^7$   
 d)  $30 \times a^5$
- 67) The cube root of  $\frac{-343}{1331}$  is [1]  
 a)  $\frac{11}{7}$   
 b)  $\frac{-11}{7}$   
 c)  $\frac{-7}{11}$   
 d)  $\frac{7}{11}$
- 68) The square of 40 is: [1]  
 a) 184  
 b) 160  
 c) 64  
 d) 1600
- 69) Which of the following would end with digit 6? [1]  
 a)  $444^2$   
 b)  $342^2$   
 c)  $433^2$   
 d)  $457^2$
- 70)  $\sqrt{80} + 3\sqrt{245} - \sqrt{125}$  is: [1]  
 a)  $2\sqrt{3} - \sqrt{5}$   
 b)  $20\sqrt{5}$   
 c)  $10\sqrt{5}$   
 d)  $5\sqrt{5}$
- 71) Find the sum of the given algebraic expression.  $2p^2q^2 - 3pq + 4, 5 + 7p^2q^2 - 8pq, 5p^2q^2 - 8 + 9pq$  [1]  
 a)  $1p^2q^2 - 5pq + 5$   
 b)  $14p^2q^2 - 2pq + 1$   
 c)  $11p^2q^2 + 5pq + 10$   
 d)  $14p^2q^2 - 19pq + 17$
- 72)  $X(x - 3) + 2 = ?$  [1]  
 a)  $X^2 - 3x + 2$   
 b)  $X^2 - 2x + 2$   
 c)  $X^2 - 5x + 3$   
 d)  $X^2 + 3x + 5$
- 73) The interest on ₹30000 for 3 years at the rate of 15% per annum is [1]  
 a) ₹9000  
 b) ₹4500  
 c) ₹18000  
 d) ₹13500
- 74) If the cost price of 10 shirts is equal to the selling price of 8 shirts, then which of the following is true for the transaction? [1]  
 a) Loss of 25%  
 b) Loss of 20%  
 c) Profit of 25%  
 d) Profit of 20%
- 75) If the cost of 3 dozens of banana is ₹60, then the cost of 5 dozens of banana is ₹ \_\_\_\_\_. [1]  
 a) ₹100  
 b) ₹120  
 c) ₹40  
 d) ₹50
- 76) Profit after selling an article for ₹425 is the same as loss after selling it for ₹355. The cost of the article is [1]  
 a) ₹405  
 b) ₹380  
 c) ₹390  
 d) ₹480
- 77) A man sells two horses for ₹4000 each, neither losing nor gaining in the deal. If he sold one horse at a gain of 25 %, then the other horse is sold at a loss of \_\_\_\_\_. [1]  
 a) 50 %  
 b)  $33\frac{1}{3}$  %  
 c) 47 %  
 d)  $16\frac{2}{3}$  %
- 78) 10 men working for 6 days mow an area of 5 acres. If there are 8 men working to mow 3 acres of land, how many days will it take? [1]  
 a) 4 days  
 b) 8 days  
 c) 12.5 days  
 d) 2 days
- 79) If y varies directly as x and given  $y = 9$  when  $x = 5$ , find the value of x when  $y = 6$ . [1]  
 a) 3  
 b) 1  
 c)  $3\frac{1}{3}$   
 d)  $\frac{1}{3}$
- 80) If 4 women or 3 men earn ₹960 in a day, then the earning of 11 women and 7 men in a day. [1]  
 a) ₹1860  
 b) ₹2200  
 c) ₹4880  
 d) ₹1480
- 81) Which of the following is quotient obtained on dividing  $-18xyz^2$  by  $-3xz$ ? [1]  
 a)  $-6yz$   
 b)  $6xy^2$   
 c)  $6xy$   
 d)  $6Yz$
- 82) The factors of  $\sqrt{3}x^2 + 11x + 6\sqrt{3}$  are \_\_\_\_\_. [1]  
 a)  $(x + 3\sqrt{3})(\sqrt{3}x + 2)$   
 b)  $(x + 3\sqrt{3})(\sqrt{3}x - 2)$   
 c)  $(x - 3\sqrt{3})(\sqrt{3}x - 2)$   
 d)  $(x - 3\sqrt{3})(\sqrt{3}x + 2)$
- 83) Divide  $15(y + 3)(y^2 - 16)$  by  $5(y^2 - y - 12)$  [1]  
 a)  $3(y + 4)$   
 b)  $(3y + 1)$   
 c)  $Y(3y + 4)$   
 d)  $4(y + 3)$

- 84) Excluding stoppages, the speed of a bus is 54 km/h and including stoppages, it is 45 km/h. For how many minutes does the bus stop per hour? [1]  
 a) 12                                      b) 9  
 c) 20                                      d) 10
- 85) A train sets off at 2 p.m. at the speed of 70 kmph. Another train starts at 3:30 p.m. in the same direction at the rate of 85 kmph. At what time the trains will meet? [1]  
 a) 8.30 p.m.                              b) 10.30 p.m.  
 c) 9.30 p.m.                              d) 10.45 p.m.
- 86) If two interior angles on the same side of a transversal intersecting two parallel lines are in the ratio 3 : 2, then the greater of the two angles, is [1]  
 a) 44                                      b) 108  
 c) 36                                      d) 72
- 87) One of the angles of a triangle is  $100^\circ$  and the other two angles are equal. Find the measure of each of these equal angles. [1]  
 a)  $100^\circ$                                       b)  $40^\circ$   
 c)  $60^\circ$                                       d)  $50^\circ$
- 88) If in an isosceles triangle, each of the base angles is  $40^\circ$ , then the triangle is [1]  
 a) Acute angled triangle  
 b) Right - angled triangle  
 c) Obtuse angled triangle  
 d) Isosceles right - angled triangle
- 89) In the given figure,  $AB \parallel CD$ ,  $\angle BAE = 45^\circ$ ,  $\angle DCE = 50^\circ$  and  $\angle CED = x^\circ$ , then the value of x is



- [1]  
 a)  $95^\circ$                                       b)  $85^\circ$   
 c)  $135^\circ$                                       d)  $130^\circ$
- 90) Cube is an example of: [1]  
 a) 4 - D shape                              b) 2 - D shape  
 c) 3 - D shape                              d) Both 3D and 2D
- 91) Square is an example of: [1]  
 a) 3 - D shape  
 b) Both 3 - D and 2 - D shape  
 c) 2 - D shape  
 d) 4 - D shape
- 92) Length of tape required to cover the edges of a semicircular disc of radius 10 cm is [1]  
 a) 15.7 cm                                      b) 62.8 cm  
 c) 51.4 cm                                      d) 31.4 cm
- 93) The angle of a sector of a circle is  $126^\circ$  and the radius of the circle is 21 cm. Find the ratio of the circumference of the circle and the length of the arc of the sector. [1]  
 a) 130 : 77                                      b) 10 : 7  
 c) 5 : 1                                      d) 220 : 77
- 94) What is the circumference of a circular disc of radius 14 cm? [1]  
 a) 88 cm                                      b) 11 cm  
 c) 44 cm                                      d) 22 cm

- 95) The radii of two cylinders are in the ratio of 2 : 3 and their heights in ratio of 5 : 3, their volumes will be: [1]  
 a) 4 : 9                                      b) 9 : 4  
 c) 27 : 20                                      d) 20 : 27
- 96) The mode and median of the given data 21, 23, 25, 23, 21, 24, 22, 20, 23 respectively, are [1]  
 a) 23, 23                                      b) 25, 21  
 c) 23, 21                                      d) 21, 23
- 97) The median of data 5, 8, 3, 11, 14, 7, 9 is: [1]  
 a) 8                                      b) 11  
 c) 6.5                                      d) 7
- 98) In a World Cup final match against Srilanka, for six times Sachin Tendulkar hits a six out of 30 balls he plays. What is the probability that in a given throw, the ball does not hit a six? [1]  
 a)  $\frac{5}{4}$                                       b)  $\frac{4}{5}$   
 c)  $\frac{3}{4}$                                       d)  $\frac{1}{4}$
- 99) Total number of outcomes, when a ball is drawn from a bag which contains 3 red, 5 black and 4 blue balls is [1]  
 a) 12                                      b) 9  
 c) 8                                      d) 7
- 100) What is the probability of getting a number through 6 numbers? [1]  
 a)  $\frac{1}{6}$                                       b)  $\frac{1}{2}$   
 c) 1                                      d) 0

### English

- 101) Identify the noun:  
 I have bought the book **Norwegian Wood** from the new book store. [1]  
 a) Abstract noun                              b) Proper noun  
 c) Plural noun                                      d) Common noun
- 102) My sister eats chocolate. Which word is a nominative noun? [1]  
 a) Eats                                      b) Chocolate  
 c) Sister                                      d) My
- 103) Choose the correct pronoun to complete the sentence:  
 Don't cross the street by \_\_\_\_, children. [1]  
 a) Your                                      b) Yourselves  
 c) Yours                                      d) Yourself
- 104) Choose the correct possessive form to complete the following sentence:  
 The \_\_\_\_ outfits are yellow. [1]  
 a) Twinses'                                      b) Twin  
 c) Twins'                                      d) Twin's
- 105) The way was **Iona**, the wind was cold. The type of adjective of the highlighted word is: [1]  
 a) Adjective of quantity  
 b) Descriptive adjective  
 c) Adjective of quality  
 d) Definite numeral adjective
- 106) Which of the following is a possessive adjective? [1]  
 a) Hers                                      b) Her's  
 c) She                                      d) Her
- 107) What is the function of the underlined adjective?  
 The three horn - rimmed reading glasses. [1]  
 a) Indicates number                              b) Indicates purpose  
 c) Indicates material                              d) Indicates opinion
- 108) Everybody wanted to listen that beautiful song. [1]

- a) Proper Adjective  
b) Interrogative Adjective  
c) Descriptive Adjective  
d) Numeral Adjective
- 109) \_\_\_\_\_ money she had, was also spent on medicines. [1]  
a) The little                      b) A little  
c) More                              d) Much
- 110) The underlined word in the given sentence has been wrongly used. Choose the correct verb:  
After he got a job, he start to live well. [1]  
a) Started                      b) Began  
c) Begin                      d) Begun
- 111) Few days before my father \_\_\_\_\_ (buy) a car. [1]  
a) Buy                      b) Bought  
c) Buys                      d) Buying
- 112) Choose the correct verb:  
He \_\_\_\_\_ in hurry for reaching the airport. [1]  
a) Was                      b) Were  
c) Can                      d) Are
- 113) Choose the correct verb:  
Pt. Nehru \_\_\_\_\_ born on 14th November. [1]  
a) Was                      b) Will be  
c) Has                      d) Is
- 114) **Choose the correct verb:**  
As he \_\_\_\_\_ not satisfied with the answer, he \_\_\_\_\_ the lesson tomorrow. [1]  
a) Was, would repeat              b) Is, will repeat  
c) Is, repeated                      d) Was, repeated
- 115) Examples of Adverb of Place are: [1]  
a) Outside, many              b) Surely, certainly  
c) Never, everywhere              d) Below, inside
- 116) **Find the error:** Economists have predicted that the country's economic growth falls low to eight percent this year. [1]  
a) The country's economic growth  
b) Falls low to eight per cent this year.  
c) No error  
d) Economists have predicted that
- 117) **Identify the correct tense for the given sentence:**  
Has she not yet finished her work? [1]  
a) Present Perfect Continuous  
b) Present Perfect  
c) Present Indefinite  
d) Present Continuous
- 118) Choose the correct option for tense:  
The criminal \_\_\_\_\_ the place before the police could reach. [1]  
a) Will escape                      b) Is escaping  
c) Was escaping                      d) Had escaped
- 119) Select the word or phrase that is most closely opposite in meaning to the capitalized word.  
ABYSMAL [1]  
a) Superb                      b) Immeasurable  
c) Beneath                      d) Eternal
- 120) Choose the one which best expresses the meaning of the given idiom/phrase.  
To make both ends meet: [1]  
a) To earn enough  
b) To work hard  
c) To live within one's income  
d) To manage the business
- 121) When Julia won the best student of the year award, Kristy was green with envy . The meaning of the underlined words: [1]  
a) Kristy painted her face green.  
b) Kristy was jealous.  
c) Kristy fell sick.  
d) Kristy was happy.
- 122) When Laura said something about her parent's surprise sixtieth anniversary party, she let the cat out of the bag . The meaning of the underlined word: [1]  
a) Laura didn't tell anyone about the party  
b) Laura's cat was hiding inside a bag.  
c) Laura revealed a secret  
d) Laura invited people to the party
- 123) Which of the following is NOT the definition of the word **Demolish**? [1]  
a) To tear down because it is dangerous  
b) To fix up  
c) To crush or destroy  
d) To damage
- 124) Which is the correct spelling:  
Believe, Beleive, Belive, Beleave [1]  
a) Belive                      b) Beleave  
c) Beleive                      d) Believe
- 125) The Prime Minister said our economy is constantly growing. Put the colon wherever required: [1]  
a) The Prime Minister said: our economy is constantly growing.  
b) The Prime Minister said our economy is: constantly growing.  
c) The Prime Minister: said our economy is constantly growing.  
d) The Prime Minister said our economy is constantly: growing.
- 126) \_\_\_\_\_ the days that followed her operation, she spent a lot of time in bed. [1]  
a) At                      b) From  
c) On                      d) In
- 127) My father is at home usually between 9 p.m and 11 p.m. (meaning of the underlined preposition) [1]  
a) Intermediate time  
b) Intermediate amount  
c) Intermediate location  
d) Referring to two persons or things
- 128) Select appropriate articles for the blanks.  
\_\_\_\_\_ tuition teacher gave me \_\_\_\_\_ story book for my 7<sup>th</sup> birthday. [1]  
a) The, the                      b) The, a  
c) The, an                      d) A, an
- 129) Choose the correct article for the given sentence:  
Hindi is \_\_\_\_\_ easy language. [1]  
a) An                      b) The  
c) Most                      d) A
- 130) Choose the correct article for the given sentence:  
This is \_\_\_\_\_ book. [1]  
a) None of these                      b) A  
c) An                      d) The

- 131) Choose the correct article for the below sentence:

I want to ask \_\_\_\_ question now. [1]

- a) A                                      b) An  
c) The                                    d) No article required

- 132) Choose the correct article for the given sentence:

Do you know where \_\_\_\_ library is? [1]

- a) No article                              b) An  
c) The                                      d) A

- 133) Ria said, "Neena works very hard." (indirect speech) [1]

- a) Ria said that Neena works very hard.  
b) Ria said that Neena worked very hard.  
c) Ria said that Neena has worked very hard.  
d) Ria said that Neena will work very hard.

- 134) The manager said to her "Obey your seniors." Make the reported speech. [1]

- a) The manager advised her to obey her seniors.  
b) He asked if she obey her seniors.  
c) He said her to obey seniors.  
d) Seniors should be obeyed he told her.

- 135) The students wrote letters. The passive voice of this sentence is: [1]

- a) Students are writing letters.  
b) Letters were written by the students.  
c) Letters written are by students.  
d) The students have written these letters.

- 136) Select the option which best expresses the same sentences in Passive/Active Voice.

The two teams were playing the match. [1]

- a) The match has been played by the two teams.  
b) The match was been playing by the two teams.  
c) The match was being played by the two teams.  
d) The match is being played by the two teams.

- 137) Birds + build + nests = [1]

- a) Subject + object + verb  
b) Verb + object + subject  
c) Object + verb + subject  
d) Subject + verb + object

- 138) Select the option which best expresses the same sentences in Passive/Active Voice.

I saw him last evening. [1]

- a) He had seen by me last evening.  
b) He was seen by me last evening.  
c) He is seen by me last evening.  
d) He has seen by me last evening.

- 139) Select the option which best expresses the same sentences in Passive/Active Voice.

I eat fresh vegetables. [1]

- a) Fresh vegetables were eaten by me.  
b) Fresh vegetables are eaten by me.  
c) Fresh vegetables have eaten by me.  
d) Fresh vegetables was eaten by me.

- 140) Select the option which best expresses the same sentences in Passive/Active Voice.

He has helped this child. [1]

- a) This child has been helped by him.  
b) This child have been helped by her.  
c) This child has been help by him.

- d) This child had been helped by him

- 141) Arrange the words in the correct meaningful sentence:  
of mankind / habit / reading is / one of / resources / of / the greatest [1]

- a) Habit of the reading is one of the greatest resources of mankind.  
b) The habit of reading is the one of greatest resources of mankind.  
c) The habit of reading is one of the greatest mankind of resources.  
d) The habit of reading is one of the greatest resources of mankind.

- 142) Arrange the words in the correct meaningful sentence:  
feet / adapted / walk / are / its / to / sand / on [1]

- a) Its feet adapted are to walk on sand.  
b) Its feet are on adapted to walk sand.  
c) Its feet are adapted to walk on sand.  
d) Its feet are adapted on walk to sand.

- 143) Arrange the words in the correct meaningful sentence:  
cave / could / explore / not / they / torch / the / without / a [1]

- a) They explore could not the cave without a torch.  
b) They could not explore a cave without the torch.  
c) The explore they could not cave without a torch.  
d) They could not explore the cave without a torch.

- 144) Arrange the words in the correct meaningful sentence:  
heavy / it / through / carry / can / loads / sand / hot [1]

- a) It can carry heavy loads through sand hot.  
b) Can it carry heavy loads through hot sand.  
c) It can carry loads through heavy hot sand.  
d) It can carry heavy loads through hot sand.

- 145) Arrange the words in the correct meaningful sentence:  
person / a / Healthy / exercise / makes [1]

- a) Exercise makes a healthy person.  
b) Exercise makes a person healthy.  
c) Makes exercise a person healthy.  
d) Exercise makes person a healthy.

- 146) Which part of the given sentence is erroneous? In case, there is no error, choose option (d).

- i. Amit told to Divya  
ii. That he would come  
iii. With a reward for her  
iv. No error

[1]

- a) Option (b)                                      b) Option (c)  
c) Option (d)                                      d) Option (a)

- 147) Which part of the given sentence is erroneous? In case, there is no error, choose option (d).

- i. After opening the door  
ii. We entered into the room  
iii. Next to the kitchen.  
iv. No error

[1]

- a) Option (b)                                      b) Option (c)  
c) Option (d)                                      d) Option (a)

- 148) Which part of the given sentence is erroneous? In case, there is no error, choose option (d).

- i. Since, it was his first election campaign, the candidate was confused;

- ii. None could clearly understand
- iii. Either the principles he stood for or the benefits he promised.
- iv. No error

[1]

- a) Option (a)                      b) Option (b)
- c) Option (d)                      d) Option (c)

149) Spot the hidden conjunction in the right option:

borulit, robulit, bulirot, bilotir [1]

- a) Bulirot                      b) Robulit
- c) Borulit                      d) Bilotir

150) We won the match. We played well. (conjunction) [1]

- a) We won the match because we played well.
- b) We won the match if we played well.
- c) We won the match but we played well.
- d) We won the match so we played well.

### Social Science

151) The idea of the **Three Orders** was first formulated in - [1]

- a) China                      b) Japan
- c) France                      d) India

152) Sher Shah Suri defeated the Mughal emperor: [1]

- a) Humayun                      b) Akbar
- c) Shahjahan                      d) Jahangir

153) Why did Lord Minto grant a system of the separate electorate and what was the implication?

- i. Hindus and Muslims were divided and Hindus will vote only for Hindus and Muslims will vote only for Muslims.
- ii. To protect the good - will of all Indians.
- iii. To increase the number of elected members for Hindus and Muslims.
- iv. Forcing the British to make administrative and political changes.

[1]

- a) Only A                      b) Only B
- c) Only D                      d) Only C

154) From among the following list of terms, which one can be described as an appointed or elected body of people with an administrative, advisory, or representative function? [1]

- a) Nationalism                      b) Violence
- c) Boycott                      d) Council

155) Pick out from the following dates on which Mohammed Ali Jinnah decided to launch Direct Action Day. [1]

- a) On 16th August 1946                      b) On 16th August 1947
- c) On 16th August 1948                      d) On 16th August 1944

156) Name the author who penned the book Gulamgiri, dedicated to all those Americans who had fought to free slaves. [1]

- a) Jyotirao Phule                      b) Haridas Thakur Matua
- c) Shri Narayan Guru                      d) Ghasidas

157) The Chera kingdom of Mahodayapuram was established in the ninth century in the south - western part of the peninsula, part of present - day. [1]

- a) Kerala                      b) Himachal
- c) Gujarat                      d) Maharashtra

158) Which language was used by the Buddha to communicate with people? [1]

- a) Hindi                      b) Pali
- c) Sanskrit                      d) Prakrit

159) Which one of the following is considered as the Golden R's of conservation? [1]

- a) Reduce, Reclaim, Reprocess, Recover
- b) Reduce, Reuse, Recycle, Recover
- c) Renew, Recondition, Reuse, Refuse
- d) Retrieve, Regain, Recoup, Reprocess

160) Many of the mining areas in the world are located in which region? [1]

- a) Mountains areas                      b) Plateau areas
- c) Plains areas                      d) River areas

161) In Ladhak during the summers which fruit trees blooms? [1]

- a) Apples, Mangoes and walnuts
- b) Apples, apricots and walnuts
- c) Apples, apricots and Grapes
- d) Apples, banana and walnuts

162) Which of these physical features are best suited for agriculture? [1]

- a) Lakes and Rivers
- b) Deserts
- c) Mountains
- d) Plains and River valleys

163) From the options, select the major bauxite producing area of India. [1]

- a) West Bengal                      b) Jharkhand
- c) Kerala                      d) Goa

164) Name the country with the world's largest geothermal power plant. [1]

- a) France                      b) USA
- c) Australia                      d) China

165) \_\_\_\_\_ are found in the dry desert. [1]

- a) Temperate evergreen forest
- b) Temperate grassland
- c) Tropical grassland
- d) Thorny bushes

166) Following can be grouped in different landforms depending on elevation and slope as [1]

- a) Mountains, hills and rivers
- b) Hills, plateaus and rivers
- c) Mountains, plateaus and plains
- d) Mountains, hills and plains

167) Where in India do tropical evergreen forests are seen? [1]

- a) Assam, Himachal Pradesh, Punjab
- b) Assam, Kerala, Punjab
- c) Kerala, Madhya Pradesh, Punjab
- d) Maharashtra, Assam, Kerala

168) Which of the following animals is not reared by the nomadic herders? [1]

- a) Yak                      b) Sheep
- c) Camel                      d) Mongoose

169) What is the average density of population in the whole world? [1]

- a) 27 persons per sq.km                      b) 51 persons per sq.km
- c) 35 persons per sq.km                      d) 67 persons per sq.km

170) Which of the following vehicle is suitable for traveling in the same city? [1]

- a) Airplane                      b) Car
- c) Ship                      d) Train



- 171) Bullocks and horses are used to [1]  
 a) Cycles                              b) Rickshaw  
 c) Tractors                            d) Pull carts
- 172) Which of the following is not an electronic mass media? [1]  
 a) Internet                              b) Television  
 c) Radio                                d) Newspaper
- 173) A few statements with respect to the secular state as specified in the Indian constitution are given below. Pick out the one that is not applicable.  
 i. That one religious community does not dominate another.  
 ii. That some members do not dominate other members of the same religious community.  
 iii. That the State power and religion go hand in hand.  
 iv. That the State does not enforce any particular religion nor take away the religious freedom of individuals.  
 [1]  
 a) Only B                                b) Only A  
 c) Only C                                d) Only D
- 174) Bi - Hinduism started in which year? [1]  
 a) 1870                                  b) 1878  
 c) 1865                                  d) 1861
- 175) Under the Provision of the Panchayat Act 1996, one of the power, one of the powers of the Gram Sabha is [1]  
 a) To regulate sale of intoxicants  
 b) To manage major water bodies  
 c) To encourage alienation of land  
 d) To decontrol mineral leases
- 176) The institution which safeguards the constitution [1]  
 a) Judiciary  
 b) Chief Ministers office  
 c) Legislature  
 d) Executive
- 177) In India, we have an integrated judicial system, which means that:  
 i. The decisions made by higher courts are binding on the lower courts.  
 ii. The decisions made by lower courts are binding on the supreme courts.  
 iii. The decisions made by district courts are binding on the apex courts.  
 iv. The decisions made by higher courts are binding on the high court's only.  
 [1]  
 a) Only C                                b) Only D  
 c) Only A                                d) Only B
- 178) The Scheduled Castes and the Scheduled Tribes (Prevention of Atrocities) Act. [1]  
 a) 1985                                  b) 1999  
 c) 1989                                  d) 1987
- 179) Putting out is an arrangement between: [1]  
 a) Merchant and trader              b) Merchant and buyer  
 c) Merchant and weaver              d) All of these
- 180) Erode's bi - weekly cloth market in Tamil Nadu is one of the largest cloth markets in the \_\_. [1]  
 a) Asia                                    b) State  
 c) India                                   d) World

- 181) मित्र शब्द का उचित बहुवचन रूप है - [1]  
 a) मित्रें                                  b) दोस्त  
 c) मित्रगण                              d) मित्रता
- 182) कविता का बहुवचन बताएं: [1]  
 a) कविता                                b) कवितावली  
 c) कविताएँ                              d) कवितों
- 183) सहयोग शब्द का उचित विलोम है - [1]  
 a) असहयोग                            b) सुयोग  
 c) सयोग                                d) सुयौग
- 184) सार्थक शब्द का विलोम है - [1]  
 a) परार्थी                                b) आर्थिक  
 c) निरर्थक                               d) निरार्थक
- 185) पथिक शब्द का पर्यायवाची है - [1]  
 a) सुता                                  b) राहगीर  
 c) केश                                   d) वानर
- 186) उरग किस शब्द का पर्यायवाची शब्द है? [1]  
 a) सर्प                                   b) पक्षी  
 c) हाथी                                  d) घोड़ा
- 187) परम्परागत उक्ति को कहते हैं [1]  
 a) अनुश्रुति                              b) विरक्ति  
 c) श्रुति                                   d) सूक्ति
- 188) दिए गए वाक्यांश के लिए एक शब्द चुनिए - सौ वर्षों का समय [1]  
 a) शताब्दी                                b) दशक  
 c) सैकड़ा                                d) शतक
- 189) 'सूरज' किस प्रकार की संज्ञा है? [1]  
 a) जातिवाचक                            b) भाववाचक  
 c) समूहवाचक                            d) व्यक्तिवाचक
- 190) अन्य पुरुष सर्वनाम इनमें से कौन - सा है? [1]  
 a) हमारा                                b) तुम्हारा  
 c) हमें                                   d) उसका
- 191) आत्मनिर्भर होना किस मुहावरे का सही अर्थ है? [1]  
 a) ईद का चाँद होना  
 b) अपनी खिचड़ी अलग पकाना  
 c) अपने पैरों पर खड़ा होना  
 d) आँच न आने देना
- 192) ईद का चाँद होना - मुहावरे का उचित अर्थ चुनो। [1]  
 a) ज्यादा दिखना  
 b) बहुत कम दिखाई देने वाला  
 c) हँसकर दिखना  
 d) गुस्से में दिखना
- 193) प्रभु से \_\_\_\_ करो कि पिताजी जल्दी स्वस्थ हो जाएँ। [1]  
 a) अनुरोध                                b) प्रार्थना  
 c) आराधना                                d) आग्रह
- 194) उसने मुक्तकण्ठ से गीत गाया। - इस वाक्य का शुद्ध रूप क्या है? [1]  
 a) उसने मुक्तकण्ठ में गीत गाया।  
 b) उसने मुक्तकण्ठ होकर गीत गाया।  
 c) उसने मुक्तहस्त गीत गाया।  
 d) उसने मुक्तकण्ठ गीत गाया।
- 195) यदि उत्तीर्ण होना चाहते हो, तो कठिन परिश्रम करो। - मिश्र वाक्य के लिए उचित संयुक्त वाक्य का चयन कीजिए। [1]  
 a) कठिन परिश्रम के लिए उत्तीर्ण होओ।  
 b) उत्तीर्ण होना है तो कठिन परिश्रम करो।  
 c) उत्तीर्ण होने के लिए कठिन परिश्रम करो।  
 d) उत्तीर्ण होना चाहते हो, इसलिए कठिन परिश्रम करो।

**Question No. 196 to 200 are based on the given text.  
Read the text carefully and answer the questions:**

तुम सुबह से रात तक अपने आस - पास अनेक परिवर्तन होते हुए देखते हो। ये परिवर्तन तुम्हें घर, विद्यालय, खेल के मैदान अथवा किसी अन्य स्थान पर दिखाई देते हैं। उदाहरण के लिए, तुम्हें कुछ ऐसे परिवर्तन दिखाई देते हैं; जैसे - मौसम में आकस्मिक परिवर्तन, वर्षा, पौधों पर फूल आना, बीजों का अंकुरित होना, फलों का पकना, वस्त्रों का सूखना, दिन - रात में परिवर्तन, बर्फ का पिघलना, पानी का भाप बनना, ईंधन का जलना, चावल को पकाना, चपाती बनाना, दूध से दही का बनना, लोहे में जंग लगना, आतिशबाजी का जलना आदि। परिवर्तन से वस्तुओं में विभिन्न प्रकार के प्रत्यावर्तन भी हो सकते हैं, जैसे - स्थिति, आकृति, आकार, रंग, अवस्था, तापमान, बनावट तथा संरचना में बदलाव। परिवर्तन का सदैव कोई - न - कोई कारण होता है।

- 196) तुम अपने आस - पास अनेक, परिवर्तन देखते हो। इस वाक्य में अपने आस - पास से तात्पर्य है - [1]  
a) सभी स्थान                      b) केवल विद्यालय  
c) केवल घर                      d) केवल खेल का मैदान
- 197) इस गद्यांश में जिन परिवर्तनों का उल्लेख किया गया है उनमें ऐसे

कारकों को सम्मिलित नहीं किया है - [1]

- a) बनावट और संरचना              b) स्थिति और आकृति  
c) आकार और रंग                      d) कीमत और मूल्य

198) परिवर्तन सम्भव नहीं है - [1]

- a) यदि वह आकस्मिक हो  
b) जब तक उसकी माँग न हो  
c) जब तक उसके लिए कोई भुगतान न किया गया हो  
d) जब तक कोई कारण न हो

199) हमारे आस - पास होने वाले परिवर्तनों में से नीचे किसका उल्लेख नहीं किया गया है? [1]

- a) धातु में जंग लगना                      b) पानी का भाप बनना  
c) भोजन पकाना                      d) नदी का मार्ग

200) इस गद्यांश के लिए कौन - सा शीर्षक सबसे अधिक उपयुक्त है - [1]

- a) हमारे आस - पास होने वाले परिवर्तन  
b) विभिन्न प्रकार के प्रत्यावर्तन  
c) वस्तुओं की आकृति में प्रत्यावर्तन  
d) परिवर्तन के कारण