SATISH SCIENCE ACADEMY
DHANORI PUNE - 411015

RIMC paper - 1
ENTRANCE EXAM - SAINIK SCHOOL (CLASS 9)

Time Allowed: 3 hours   **Maximum Marks :** 200

General Instructions:

i. 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)
ii. The duration of the test is 3 hours. There is no negative marking for a wrong answer.

SCIENCE

1) The modern technique of sowing the seed is - **[1]**
   a) By Seed Drill   b) By Tilling
   c) By Funnel   d) By Plough

2) Propagation of ginger is generally done using **[1]**
   a) Leaf   b) Stem (rhizome)
   c) Seed   d) Root

3) Growth and multiplication of microorganisms is better in: **[1]**

   a) Dry soil because it allows multiplication due to the absence of air and water.
   b) Tight soil because it allows multiplication due to the presence of air and water.
   c) Loose soil because it allows multiplication due to the presence of air and water.
   d) Wet soil because it allows multiplication due to the presence of air.

4) The group of microbe regarded as aquatic green plants is: **[1]**
   a) Fungi   b) Both algae & fungi
   c) Algae   d) Euglena

5) Microorganisms found in **[1]**
   a) All of these   b) Marshy lands
   c) Hotsprings   d) Deserts

6) The microbe used as single cell protein: **[1]**
   a) Yeast   b) Rhizobium
   c) Penicillium   d) Chlorella

7) In fractioning column, various fractions are obtained at various heights of the column. As
the vapours reach at a height where temperature is equal to or just below the boiling point
of that fraction, it will: **[1]**

   a) Remain in gaseous state
   b) Escape from the colum
   c) Condense to form a solid
   d) Condense to form a liquid

8)
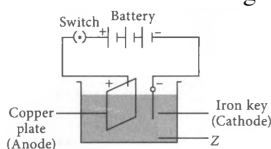> Graphite, lamp black, coke, coal, fullerene, sugar charcoal, gas carbon, wood charcoal, diamond

The total number of amorphous forms of carbon among the given substances is **[1]**

   a) 6   b) 1
   c) 3   d) 5

9) The brown coal is _____. **[1]**
   a) Both A and B   b) Magnesite
   c) Lignite   d) Bitumen

10) Substance X is used extensively for small scale production of metals. It is also used as a deodorant and disinfectant and is one of the constituent of gun powder. Identify X. **[1]**
   a) Sugar charcoal   b) Bone charcoal
   c) Wood charcoal   d) Coke

11) Which of the following statements is incorrect?
   i. A luminous zone is formed due to complete combustion of fuel.
   ii. A substance that does not vaporise during burning gives flame.
   iii. A good fuel should have high ignition temperature.
   iv. All of these
[1]

   a) Statement (c) is correct
   b) Statement (d) is correct
   c) Statement (a) is correct
   d) Statement (b) is correct

12) Manas sanctuary is located at **[1]**
   a) Rajasthan   b) Bihar
   c) Assam   d) Gujarat

13) The process by which plants give rise to new plants without seeds is called _____. **[1]**

   a) Sexual reproduction
   b) Budding
   c) Vegetative propagation
   d) Asexual reproduction

14) The female reproductive part of plant is _____. **[1]**
   a) Bud   b) Spore
   c) Pistil   d) Stamen

15) Female gametes are also called **[1]**
   a) Antherozoid   b) Egg
   c) Both egg and ovum   d) Ovum

16) Walking and playing in fresh air keeps the body **[1]**

   a) All of these
   b) Smelly and unhygienic
   c) Attractive and beautiful
   d) Fit and healthy

17) Sperms in male are produced in [1]
    a) Urethra
    b) Epididymis
    c) Penis
    d) Testes

18) Sound cannot travel through [1]
    a) Gas
    b) Solid
    c) Vacuum
    d) Liquid

19) A scooter generally slips on an oily road, because _____ . [1]

    a) Friction between tyres and road decreases
    b) Friction between tyres and road increases
    c) Inertia between tyres and road increases
    d) Inertia between tyres and road decreases

20) Boats and ships are given streamlined shapes to [1]

    a) Make them float in water.
    b) Increase friction during their propagation through water.
    c) Make them stay in water
    d) Decrease friction during their propagation through water.

21) A batsman hits a cricket ball which then rolls on the level ground. After covering a short distance the ball comes to rest. The ball stops due to _____ . [1]
    a) Magnetic force
    b) Muscular force
    c) Gravitational force
    d) Frictional

22) In order to reduce the loudness of a sound we have to [1]

    a) Increase its frequency of vibration of the sound.
    b) Increase its amplitude of vibration of the sound.
    c) Decrease its frequency of vibration of the sound.
    d) Decrease its amplitude of vibration of the sound.

23) What do you think a tabla player does to increase the pitch of the sound prcduced? [1]

    a) He strikes the tabla skin harder.
    b) He tightens the skin by stretching the string around it.
    c) The pitch cannot be changed in a tabla.
    d) He gets a bigger tabla.

24) Loud sound can be produced by [1]
    a) Smaller amplitude
    b) Low pitch
    c) High pitch
    d) Larger amplitude

25) Observe the following figure.

    Identify the electrolyte Z in the given figure. [1]
    a) Potassium sulphate
    b) Zinc sulphate
    c) Copper sulphate
    d) Silver nitrate

26) Inverter is a machine, which [1]

    a) Converts AC voltage in DC voltage
    b) Converts DC voltage in AC voltage
    c) Converts AC voltage in DC voltage and Converts DC voltage in AC voltage
    d) Used only in DC voltage

27) Which of the following substance should not be added to distilled water to make it good conductor? [1]
    a) Acids
    b) Bases
    c) Alcohol
    d) Salts

28) Losing static electricity as charges move off an object is called [1]

    a) Electric discharge
    b) Charging
    c) Insulation
    d) Electric conductivity

29) Tsunami means [1]

    a) Eruption of volcano in sea
    b) Flood
    c) Earthquake under sea
    d) Earthquake

30) In a neutral object, there are [1]

    a) More electrons than protons
    b) More protons than electrons
    c) Equal number of atoms
    d) Equal number of protons and electrons

31) Alice inverted the steel bowl and then looked at it closely.

    What will be the nature of her image formed? [1]
    a) Real and small
    b) Virtual and small
    c) Real and enlarged
    d) Virtual and enlarged

32) In which of the following medium light travels fastest? [1]
    a) Diamond
    b) Air
    c) Glass
    d) Water

33) Which type of image can be obtained on screen? [1]

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

34) In refraction, bending of light rays takes place at the: [1]

    a) End of the second medium
    b) The boundary between two media
    c) Middle of the second medium
    d) Middle of the first medium

35) The human eye has a converging lens system that produces an image just like a camera. If the eye views a distant object, which type of image is produced? [1]

    a) Virtual, erect, diminished
    b) Real, erect, same, size
    c) Real, inverted, diminished
    d) Virtual, inverted, magnified

36) A burning candle is placed at a distance of 25 cm in front of a large plane mirror. The image of the candle will be: [1]

    a) 25 cm behind mirror and virtual
    b) Inside the mirror and real
    c) 50 cm behind the mirror and real
    d) 10 cm behind the mirror and virtual

37) Which of the following statements about Jupiter and Saturn is incorrect?
    i. Both are gaseous planets.
    ii. Both have rings.
    iii. Jupiter is bigger than Saturn.
    iv. Saturn is denser than Jupiter.
    [1]

    a) Statement D is correct

b) Statement B is correct

c) Statement C is correct

d) Statement A is correct

38) Arrange the following planets in decreasing order of time required to complete one revolution around the sun.
   i. Earth
   ii. Uranus
   iii. Mars
   iv. Jupiter

   [1]

   a) (i), (iii), (iv), (ii)
   b) (i), (ii), (iii), (iv)
   c) (ii), (iv), (iii), (i)
   d) (iv), (iii), (ii), (i)

39) Stainless steel is corrosion resistant because of **[1]**
   a) Electroplating
   b) Painting
   c) Alloying
   d) Greasing

40) Potassium carbonate is also known as **[1]**
   a) Glauber's salt
   b) Mineral acid
   c) Pearl ash
   d) Oilofvitrol

41) _____ is responsible for acid rain. **[1]**
   a) Carbon monoxide
   b) Sulphur dioxide
   c) Carbon dioxide
   d) Chlorofiuorocarbons

42) CNG is called clean fuel because **[1]**

   a) Combustion do not produce Carbon dioxide
   b) Incomplete combustion takes place
   c) Only carbon monoxide is produced
   d) Combustion of it produces less Carbon dioxide

43) Sulpher dioxide combine with water to form **[1]**
   a) Nitric acid
   b) Sulphurous acid
   c) Hydrochloric acid
   d) Acetic acid

44) In winter, smoke and fog together mix to form **[1]**
   a) Smog
   b) Clouds
   c) Ozone
   d) Water vapour

45) Which natural polymer makes cotton fibre? **[1]**
   a) Glucosamine
   b) Starch
   c) Cellulose
   d) Chitin

46) Cellulose of wood pulp is chemically treated to produce: **[1]**
   a) Rayon
   b) Cotton
   c) Acrylic
   d) Nylon

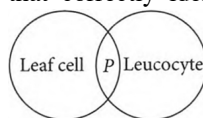47) Match column A with B and choose suitable option for this.

Column 'A	Column 'B'
I. Jute	A. First synthetic fiber
Ii. Rayon	B. Natural fiber
Iii. Nylon	C. Polymer
Iv. Repetition of small units	D. Terylene
V. Polyester	E. Wood - pulp

[1]

   a) I - C, ii - A, iii - B, iv - E, v - D
   b) I - A, ii - E, iii - B, iv - D, v - C
   c) I - A, ii - E, iii - B, iv - C, v - D

d) I - B, ii - E, iii - A, iv - C, v - D

48) Refer to the given Venn diagram and select the option that correctly identifies cell organelle P.

   i. Centrosome
   ii. Cell wall
   iii. Mitochondria
   iv. Golgi complex
   v. Chloroplast

[1]

   a) (i), (ii) and (iii) only
   b) (i), (iii) and (v) only
   c) (ii), (iv) and (v) only
   d) (iii) and (iv) only

49) Hydrolytic enzymes help in breaking down various materials so they are present in: **[1]**
   a) Lysosomes
   b) Ribosomes
   c) Mitochondria
   d) Chloroplast

50) Identify the correct match.
   i. Leucoplasts - The colorless plastids
   ii. Chloroplasts - The green coloured plastids
   iii. Chromoplasts - The coloured plastids
   iv. Protoplasts - These are not plastids

   [1]
   a) Both I and III
   b) Ill and IV
   c) I and II
   d) All of these

MATHS

51) If
$$\begin{array}{r} A\,B \\ \times\,A\,3 \\ \hline 5\,7\,B \end{array}$$
, then the value of B is _____. **[1]**
   a) 0
   b) 5
   c) 4
   d) 2

52) Find the value of A and B if

$$\begin{array}{r} 4\,1\,A \\ +\quad B\,4 \\ \hline 5\,1\,2 \end{array}$$

[1]
   a) A = 9, B = 8
   b) A = 8, B = 9
   c) A = 8, B = 8
   d) A = 8, B = 2

53) If $x = \frac{2}{3}$ and $y = \frac{3}{2}$, then find the value of $(x + y) \div (x - y)$. **[1]**
   a) $\frac{17}{6}$
   b) $\frac{15}{2}$
   c) $-\frac{13}{5}$
   d) $-\frac{11}{6}$

54) $1 \times \frac{13}{14} =$ _____. **[1]**
   a) 0
   b) $\frac{13}{14}$
   c) 14
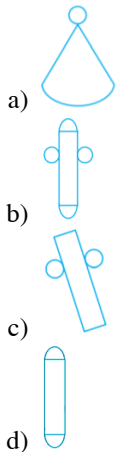   d) 13

55) For any three rational numbers x, y and z, x + (y + z) = _____. **[1]**
   a) (x + y) - z
   b) (x + y) + z
   c) (x - y) + z
   d) (x - y) - z

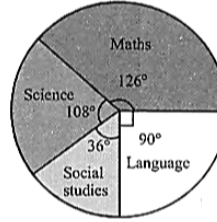56) Name the property under multiplication used in $\frac{-1}{3} \times (-3) = 1$. **[1]**

a) Additive property　　b) Associative property
c) Reciprocal　　d) Commutative property

57) One - sixth of a number when subtracted from the number itself gives 25. The number is _____. **[1]**
a) 28　　b) 35
c) 32　　d) 30

58) Find the measure of each exterior angle of a regular polygon of 12° sides. **[1]**
a) 60º　　b) 30º
c) 120°　　d) 90º

59) Find the number of non - overlapping triangles can be formed in 9 sided polygon by joining the vertices. **[1]**
a) 7　　b) 6
c) 5　　d) 4

60) The sides of a rectangle are 2 m and 1.5 m. The length of its diagonal is **[1]**
a) 25 m　　b) 6.25 m
c) 6.5 m　　d) 2.5 m

61) A quadrilateral whose all sides, diagonals, and angles are equal is a **[1]**
a) Trapezium　　b) Rhombus
c) Rectangle　　d) Square

62) The value of $(- 1)^{75}$ is **[1]**
a) 1　　b) - 1
c) 0　　d) 2

63) $(0.0256)^{\frac{1}{4}}$ = _____. **[1]**
a) 0.4　　b) 0.02
c) 0.2　　d) 0.04

64) Given that $9^n + 9^n + 9^n = 3^{2013}$, what is the value of n? **[1]**
a) 6019　　b) 2011
c) 1005　　d) 1006

65) The solution of $3^{3x-5} = \frac{1}{9^x}$ is. **[1]**
a) 3^2　　b) 9^x
c) 1　　d) 3

66) The value of $\frac{(5)^{0.25} \times (125)^{0.25}}{(256)^{0.10} \times (256)^{0.15}}$ is **[1]**
a) $\frac{5}{4}$　　b) $\frac{25}{2}$
c) $\frac{25}{16}$　　d) $\frac{\sqrt{5}}{2}$

67) If one side of a cube is 33 m, then the volume of the cube is **[1]**
a) 35936　　b) 3934
c) 39753　　d) 35937

68) The value of $\sqrt{\sqrt{256} + \sqrt{81}}$ is **[1]**
a) 7　　b) 8
c) 6　　d) 5

69) A housing society has been allotted a square piece of land measuring 2550.25 sq. m. What is the side of the plot? **[1]**
a) 50.5 m　　b) 50.65 m
c) 50.25 m　　d) 50.05 m

70) The least number to be subtracted from 24136 to make it a perfect square **[1]**
a) 100　　b) 111
c) 200　　d) 115

71) Factors of $x^6 - y^6$ are **[1]**

a) $(x^2 + y^2) (x^4 - x^2y^2 + x^4)$
b) $(x^2 - y^2) (x^4 + y^4)$
c) $(x + y) (x - y) (x^2 - xy + y^2) (x^2 + xy + y^2)$

d) $(x + y) (x - y) (x^2 + xy + y^2)$

72) $4x \times 5y \times 7z$ =? **[1]**
a) 140xy　　b) 140xz
c) 140　　d) 140xyz

73) A large watermelon weighs 20 kg with 96% of its weight being water. It is allowed to study in the sun and some of the water evaporation so that now, only 95%, of its weight is water. Its reduced weight will be **[1]**
a) 16.5 kg　　b) 18 kg
c) 16 kg　　d) 17 kg

74) 225% is equal to **[1]**
a) 9 : 4　　b) 4 : 9
c) 3 : 2　　d) 2 : 3

75) A sum of money at simple interest amount to be ₹1260 in 2 yr and ₹1350 in 5 yr, then the rate per cent per annum is **[1]**
a) 2.5%　　b) 5%
c) 10%　　d) 30%

76) The difference between compound interest and simple interest on a certain sum at 15% annum for 2 years is Rs. 450. What is the value of the sum? **[1]**
a) 24,540　　b) 20,000
c) 21,500　　d) 22,000

77) On selling a table for ₹987. Ramesh loses 6%. For how much did he purchase it? **[1]**
a) ₹850　　b) ₹900
c) ₹1000　　d) ₹1050

78) X ∝ y. When x = 24, y = 40. Find x when y = 130 **[1]**
a) 78　　b) 56
c) 96　　d) 120

79) Meenakshi cycles to her school at an average speed of 12 km/h and takes 20 minutes to reach her school. If she wants to reach her school in 12 minutes, her average speed should be **[1]**
a) 16 km/h　　b) 15 km/h
c) 7 km/h　　d) 20 km/h

80) 16 men can do a piece of work in 14 days. How long will take 7 men to do the same work? **[1]**
a) 30 days　　b) 34 days
c) 28 days　　d) 32 days

81) Factorise: 8m (5m - 4n) - 3n(5m - 4n) **[1]**
a) (8m - 3n)　　b) (5m - 4n)
c) (5m + 4n)　　d) (8m - 3n) (5m - 4n)

82) Find the common factors of 6abc, $24ab^2$ and $12a^2b$ **[1]**
a) A　　b) B
c) 6　　d) 6ab

83) Factorise: $27a^3 - b^3 - 1 - 9ab$. **[1]**

a) $(3a + b + 1) (9a^2 + b^2 + 1 + 3ab + 3a - b)$
b) $(3a + b - 1) (9a^2 + b^2 + 1 - 3ab + 3a - b)$
c) $(3a - b - 1) (9a^2 + b^2 + 1 + 3ab + 3a - b)$
d) $(3a - b - 1) (9a^2 - b^2 + 1 + 3ab + 3a - b)$

84) One train is traveling 45 kmph and other is at 10 meters a second. Ratio of the speed of the two trains is? **[1]**
a) 4 : 5　　b) 9 : 2
c) 5 : 4　　d) 2 : 9

85) A train 100 m long crosses a platform 125 m long in 15 sec; find the speed of the train? **[1]**
a) 50 kmph　　b) 60 kmph
c) 45 kmph　　d) 54 kmph

86) The diagonals of a rhombus measure 16 cm and 30 cm. Find its perimeter. **[1]**
   a) 68 cm
   b) 64 cm
   c) 56 cm
   d) 60 cm

87) Which of the following is true for constructing a quadrilateral.
   i. 5 sides and 3 diagonals
   ii. 3 sides only
   iii. 3 angles and their 2 included sides
   iv. 2 diagonals only
   [1]
   a) Option (ii)
   b) Option (iii)
   c) Option (iv)
   d) Option (i)

88) Two angles of a triangle are 30° and 80° . Find the third angle. **[1]**
   a) 40$^{\square}$
   b) 50°
   c) 60°
   d) 70°

89) The hypotenuse of a right triangle is 17 cm long. If one of the remaining two sides is 8 cm in length, then the length of the other side is **[1]**
   a) 15 cm
   b) 16 cm
   c) 18 cm
   d) 20 cm

90) A beam 9 m long, 40 cm wide and 20 cm deep is made up of iron which weighs 50 kg per cubic metre. The weight of the beam is **[1]**
   a) 45 kg
   b) 32 kg
   c) 36 kg
   d) 42 kg

91) Which of the following nets is a net of a cylinder? **[1]**

a)

b)

c)

d)

92) Rahul walks around a circular track of radius 14 m with a speed of 4 km/hr. If he takes 20 rounds of the track, for how long does he walk? **[1]**
   a) 24 min 26 sec
   b) 26 min 24 se
   c) 26 min 4 sec
   d) 22 min 4 sec

93) How many faces a cube has? **[1]**
   a) 4
   b) 5
   c) 8
   d) 6

94) The ratio of the volumes of two cubes is 1331 : 1728. What is the ratio of their total surface areas? **[1]**
   a) 21 : 23
   b) 121 : 144
   c) 121 : 225
   d) 8 : 11

95) The length of the sides of a triangle are in the ratio 3 : 4 : 5 and its perimeter is 144 cm. The area of the triangle is **[1]**
   a) 684 cm^2
   b) 864 cm^2
   c) 764 cm^2
   d) 664 cm^2

96) A survey of 300 people found that 30 of them play cricket. In a pie chart, what would be the sector angle of this group? **[1]**
   a) 20º
   b) 10º
   c) 30º
   d) 36º

97) A school has strength of 2000 students. The following pie graph shows the interests of students in different subjects. The number of students interested in Maths is:

   [1]
   a) 700
   b) 500
   c) 600
   d) 200

98) The mean of first 10 natural numbers is **[1]**
   a) $\frac{13}{2}$
   b) $\frac{5}{2}$
   c) $\frac{11}{2}$
   d) 5

99) Find the probability that a student chosen at random out of 5 girls and 8 boys is a boy. **[1]**
   a) $\frac{5}{8}$
   b) $\frac{5}{13}$
   c) $\frac{1}{8}$
   d) $\frac{8}{13}$

100) When a die is thrown, list the outcomes of an event of getting a number greater than 5. **[1]**
   a) 1, 3, 7
   b) 1, 3, 5
   c) 2, 4, 6
   d) 6

English

101) He did the exercises _____. **[1]**
   a) Themselves
   b) Oneself
   c) Himself
   d) Herself

102) Choose the correct pronoun:
Jenny and Ben introduced _____ to the party members.
   [1]
   a) Themselves
   b) Himself
   c) Herself
   d) Her

103) Choose the answer that tells whether the highlighted pronoun is demonstrative, relative, indefinite, or interrogative: **Which** movie did you see this weekend? **[1]**
   a) Interrogative
   b) Relative
   c) Demonstrative
   d) Indefinite

104) Choose the appropriate pronoun:
Many politicians stole money from taxpayers and have luxurious lifestyles. They consider _____ to be above the law. **[1]**
   a) Themselves
   b) Myselves
   c) Himself
   d) Herself

105) **Choose the correct adjective for the given sentence:**
He does not like _____ food. **[1]**
   a) Poor
   b) Preety
   c) Stale
   d) Strong

106) **Choose the correct adjective for the given sentence:**
Pashmina is the _____ type of cashmere wool. **[1]**
   a) Good
   b) Super
   c) Finest
   d) Nicer

107) Choose the appropriate adjective:
She is my _____ teacher. **[1]**

a) Doubt   b) Favourite
c) Near   d) Nicely

108) **Choose the correct option:**
She lost a _____. **[1]**
a) White small cat   b) Small white cat
c) Small cat white   d) Cat small white

109) Choose the appropriate adjective:
Rahim is an _____ staff. **[1]**
a) Old   b) Small
c) New   d) All

110) Choose the correct verb:
Everybody _____ for the arrival of the US President very eagerly. **[1]**
a) Is waiting   b) Waited
c) Had waited   d) Has been waiting

111) Choose the correct verb:
The temperature _____ a lot yesterday. **[1]**
a) Fluctuated   b) Fluctuats
c) Fluctuating   d) Fluctuate

112) Choose the correct verb:
If you are in town, you _____ come to me. **[1]**
a) Are   b) Will
c) Were   d) Had

113) Even the strongest trees were shaking during the storm. (choose the main verb) **[1]**
a) Strongest   b) Storm
c) Even   d) Shaking

114) Olivia and Robert are designing clothes for a fashion show. (choose the main verb) **[1]**
a) Show   b) Fashion
c) And   d) Designing

115) Choose the correct spelling for the given adverb.
silently, silentli, sintly, silentlie **[1]**
a) Silently   b) Sintly
c) Silentlie   d) Silentli

116) **Identify the correct tense for the given sentence:**
Rita explained it to me in detail Yesterday. **[1]**

a) Past Perfect Continuous
b) Past Continuous
c) Simple Past
d) Past Perfect

117) **Find the error:** I missed the last bus which I usually catch and have to stay back at the bus stop last night. **[1]**

a) At the bus stop last night.
b) I missed the last bus which I usually catch
c) And have to stay back
d) No error

118) Choose the proper tense or form of the verb given in brackets:
I _____ this exercise by ten o'clock. **(finish) [1]**
a) Shall have finished   b) Finish
c) Finished   d) Have finished

119) Select the word or phrase that is most closely opposite in meaning to the capitalized word.
BURIED **[1]**
a) Shown   b) Marked
c) Hidden   d) Obscured

120) Amanda thanked Derek <u>from the bottom of her heart</u> for helping her. The meaning of the underlined word is: **[1]**
a) Unfriendly   b) Falsely
c) Angrily   d) Sincerely

121) The speaker gave <u>a bird's eye view</u> of the political conditions in the country. The meaning of the underlined idiom: **[1]**

a) A detailed presentation.
b) A biased view.
c) A general view.
d) A brief view.

122) To make a clean breast of: **[1]**

a) To praise oneself
b) To confess one's wrongdoings or misdeed's
c) To gain prominence
d) To destroy before it blooms

123) Find the correct opposite of **Tiny**. **[1]**
a) Large   b) Minute
c) Tinge   d) Small

124) Find out the synonym of **Nocturna**. **[1]**

a) Active at night
b) Active in the evening
c) Active during afternoon
d) Active in the day

125) Who do you think will the contest _____. **[1]**
a) ! (exclamation)   b) ? (question mark)
c) , (comma)   d) .(full stop)

126) The cat jumped _____ the room _____ the window and drank the milk. **[1]**
a) In, to   b) At, by
c) From, across   d) Into, through

127) The author's wife was a good editor _____ being a great writer herself. **[1]**
a) By   b) With
c) On   d) Besides

128) Choose the correct article for the given sentence:
After the day's labour, Raghu felt sleepy, so he went to _____ bed. **[1]**
a) No article   b) An
c) A   d) The

129) Choose the correct articles for the below sentence:
The teacher read _____ interesting article from _____ newspaper. **[1]**
a) The, the   b) A, a
c) An, the   d) A, the

130) Choose the correct article for the given sentence:
There is _____ tall building in Smit Vihar. **[1]**
a) An   b) No article
c) The   d) A

131) Choose the appropriate article:
Don't forget to turn off _____ light when you go out. **[1]**
a) A   b) An
c) No article required   d) The

132) Choose the correct article for the given sentence:
Ravi goes to _____ school regularly. **[1]**
a) A   b) No article
c) The   d) An

133) Jay said to Krishan, "Are you going to visit Cambodia?" Make the reported speech. **[1]**

a) Jay asked Krishan if he was going to visit Cambodia.
b) Jay asked Krishan if he had gone to Cambodia.
c) Jay asked Krishan if he had visited Cambodia.
d) Jay asked Krishan if he is going to visit Cambodia.

134) She said, "I could play a piano." Make the reported speech. **[1]**

a) She said that she can play a piano.
b) She said she could play a piano.
c) She said that I could play a piano.
d) She said that she could play a piano.

135) Columbus discovered **America** .The underlined word in this sentence is: **[1]**
  a) Object   b) Verb
  c) Preposition   d) Subject

136) Who can answer my question? (passive voice) **[1]**

a) By whom can my question be answered?
b) By whom my question can be answered?
c) My question can be answer by whom?
d) By whom will my question be answered?

137) He has been invited to their party. (passive voice) **[1]**

a) They will have invited him to their party.
b) They have invited him to their party.
c) By them he was invited to their party.
d) They had invited him to their party.

138) Let the door be closed. (active voice) **[1]**

a) Close the door.
b) You should close the door.
c) Please close the door.
d) Will you close the door?

139) Good habits must be learnt by you. The active sentence is: **[1]**

a) You need to learn good habits.
b) You must be learning good habits.
c) You must learn good habits.
d) You have to learn good habits.

140) Select the option which best expresses the same sentences in Passive/Active Voice.
A child likes toys. **[1]**

a) Toys have liked by a child.
b) Toys liked by a child.
c) Toys is liked by a child.
d) Toys are liked by a child.

141) Arrange the words in the correct meaningful sentence:
Downtrodden / call / used to / Harijans / he / as **[1]**

a) Downtrodden as Harijans he used to call.
b) He used to call downtrodden as Harijans.
c) Used to call he as downtrodden Harijans.
d) As Harijans he used to call downtrodden.

142) Arrange the words in the correct meaningful sentence:
the dog / James / talking / sat next to / himself to **[1]**

a) James sat to the next dog talking to himself.
b) James sat next to the dog talking to himself.
c) James next to the sat dog talking to himself.
d) James sat next to the talking dog to himself.

143) Arrange the words in the correct meaningful sentence:
storm / clouds / the / seen / were / dark / before **[1]**

a) Dark clouds were seen before the storm.

b) Storm were seen before the dark clouds.
c) The storm before the dark clouds were seen.
d) Dark clouds were seen the before storm.

144) Arrange the words in the correct meaningful sentence:
Water supply / get / they / they eat / all their / from / the leaves **[1]**

a) They get all their water supply from the leaves they eat.
b) All their water supply they get from the leaves they eat.
c) From the leaves they eat, they get all their water supply.
d) Water supply they get from they eat the leaves.

145) Arrange the words in the correct meaningful sentence:
brother / has your / got a / job **[1]**

a) Got a brother has your job
b) Job has your brother got a
c) Brother got a has your job
d) Has your brother got a job

146) Which part of the given sentence is erroneous? In case, there is no error, choose option (d).
  i. My brother goes
  ii. To the office
  iii. Five day week.
  iv. No error
[1]
  a) Option (c)   b) Option (d)
  c) Option (b)   d) Option (a)

147) Which part of the given sentence is erroneous? In case, there is no error, choose option (d).
  i. Though he is poor
  ii. But he is
  iii. Honest.
  iv. No error
[1]
  a) Option (b)   b) Option (a)
  c) Option (d)   d) Option (c)

148) Which part of the given sentence is erroneous? In case, there is no error, choose option (d).
  i. The price of my dress
  ii. Is higher than that of
  iii. Yours.
  iv. No error
[1]
  a) Option (c)   b) Option (d)
  c) Option (b)   d) Option (a)

149) You may go. I will stay. (conjunction) **[1]**

a) You may go or I will stay.
b) You may go so I will stay.
c) You may go but I will stay.
d) You may go and I will stay.

150) Choose a word that is not a conjunction.
after, but, so, behind **[1]**
  a) So   b) But
  c) After   d) Behind

Social Science

151) The five dynasties that together made the Delhi Sultanate were: **[1]**

a) Mamluk, Khilji, Tughlaq, Sayyid, Lodi
b) Rashtrkuta, Khilji, Gupta, Lodi, Tughlaq

c) Rajput, Khilji, Gupta, Lodi, Tughlaq

d) Rashtrkuta , Khilji, Sayyid, Lodi, Tughlaq

152) Dehli - I kuhna is _____. **[1]**
   a) Old city
   b) Tomb
   c) King
   d) Mosque

153) What is the literal meaning of the term Revolutionary violence? **[1]**

   a) Distributing favours to own religious groups
   b) Encouraging ideas of self - help
   c) Boycotting foreign goods
   d) The use of violence to make a radical change within society

154) What was the important event that happened on 6th April 1930 under the leadership of Mahatma Gandhi?
   i. Gandhiji picked up a handful of salt that had been formed along the shore by the evaporation of sea-water.
   ii. Gandhiji called off the Non - Co - operation Movement.
   iii. Gandhiji Gandhi - Irwin Pact.
   iv. Gandhiji asked people to wear Khadi and also requested people to spin Khadi.

   [1]
   a) Only C
   b) Only D
   c) Only A
   d) Only B

155) Pick out the important event that happened on 14 - 15 August 1947 at Red Fort, New Delhi.
   i. The National Flag was hoisted at Red Fort by Jawahar Lal Nehru.
   ii. Mahatma Gandhi ji was declared the Father of Nation.
   iii. Mahatma Gandhiji introduced ahimsa and non - violence to fight against the British.
   iv. The Indian Constitution was framed by Dr. B R Ambedkar.

   [1]
   a) Only B
   b) Only A
   c) Only D
   d) Only C

156) Did monk stay at one place during which season? **[1]**
   a) Winter
   b) Autumn
   c) Rainy
   d) Summer

157) The four ashrams which were recognised are: **[1]**

   a) Brahmacharya, Grihastha, Vanaprastha and Samnyasa
   b) Brahmacharya, Griha, Vanaprastha and Samiyas
   c) Brahmans, Griha, Vanaprastha and Samnyasa
   d) Brahmans, Grihastha, Vanaprastha and Samiyas

158) Name the important university in Uttar Pradesh started by Sir Syed Ahmed Khan, a visionary among the Muslims in the 19th century. **[1]**

   a) Lucknow University
   b) Babasaheb Bhimrao Ambedkar University
   c) Aligarh Muslim University
   d) University of Allahabad

159) Which of these is an example of sustainable development? **[1]**

   a) Using coal and petroleum deposits at a fast pace
   b) Using coal and petroleum deposits at a low pace
   c) Ignoring the lights when they are switched on but not required
   d) Not wasting paper

160) The Tibet plateau is the highest plateau in the world with a height of: **[1]**
   a) 8000 - 9000 meters
   b) 5000 - 6000 meters
   c) 2000 - 4000 meters
   d) 4000 - 6000 meters

161) Which one of the following methods is most appropriate to check soil erosion on steep slopes? **[1]**
   a) Shelter belts
   b) Bench terracing
   c) Terrace cultivation
   d) Mulching

162) _____ is unbroken flat land. **[1]**
   a) Hills
   b) Plateau
   c) Mountains
   d) Plain

163) Select the correct reason from the following options as to why Petroleum is called Black gold or Liquid gold? **[1]**

   a) It is highly valuable
   b) More than half of total reserves are found in Middle East countries
   c) As the mineral oil is taken from the sedimentary rocks
   d) It is black in colour

164) Name the important geothermal power plants located in India. **[1]**

   a) Narora and Kaiga
   b) Kachchh and Tarapur
   c) Manikaran and Puga Valley
   d) Ranapratap Sagar and Narora

165) Which is caused by the sudden movements of the earth? **[1]**
   a) Volcano
   b) Flood plain
   c) Mountain
   d) Folding

166) Some mountains are even higher than the clouds. As you go higher, the climate becomes **[1]**
   a) Hot and colder both
   b) Hotter
   c) Colder
   d) Same

167) During the south west monsoon period the moisture laden winds blow from: **[1]**
   a) Sea to land
   b) Land to sea
   c) Plateaus to plains
   d) Mountains to sea

168) Which among the following are fibre crops? **[1]**
   a) Millets and Maize
   b) Jute and Cotton
   c) Tea and Coffee
   d) Rice and Wheat

169) According to the population, what is India's rank in the world? **[1]**
   a) 7th
   b) 1st
   c) 2nd
   d) 5th

170) Which of the following can be used to travel from Delhi to China? **[1]**
   a) Both bus and train
   b) Train
   c) None of these
   d) Bus

171) Aeroplane is a means of: **[1]**
   a) Land transport
   b) Rail transport
   c) Water transport
   d) Air transport

172) Which of the following is a personal means of transport? **[1]**
   a) Metro
   b) Train
   c) Motorcycle
   d) Bus

173) Which among the following is the main festival of Sikhs? **[1]**
   a) Ramzan
   b) Christmas
   c) Guru Nanak Jayanthi
   d) Deepavali

174) What does the term Socialist refer to as per Indian Constitution? [1]
   a) Equal opportunities to every one to make use of the resources of the country
   b) No discrimination on the basis of religion
   c) An independent India, nol longer governed by any external authority
   d) People of India govern themselves throught heir elected representatives

175) The primary part of the three tier system of Panchayati Raj is [1]
   a) Janpad
   b) Zila Samiti
   c) Zila Sabha
   d) Village Panchayat

176) Democracy is a form of government chosen by the [1]
   a) King
   b) Minister
   c) President
   d) People

177) What is a fair trial? [1]
   a) All of these
   b) The trail in the presence of accused
   c) Judge should not be there for judgment
   d) The trail in the absence of accused

178) Who was the Chief Justice of India in 2007? [1]
   a) M.G. Balakrishnan
   b) K.M. Radhakrishnan
   c) K.G. Balakrishnan
   d) K.G. Radhakrishnan

179) Those who purchase goods from abroad are known as [1]
   a) Exporter
   b) Wholesaler
   c) Importer
   d) Retailer

180) In recent times goods are also sold through advanced means such as [1]
   a) Internet and Home delivery
   b) Internet and Radio
   c) Radio and newspaper
   d) Advertisement and TV

हिंदी

181) चुहिया का बहुवचन बताइए: [1]
   a) चुहिए
   b) चुहिएं
   c) चुहियावृंद
   d) चुहियाँ

182) लड़का का बहुवचन बताएं: [1]
   a) लड़के
   b) लड़का
   c) लड़के लोग
   d) लड़ाके

183) प्रेम शब्द का उचित विलोम है - [1]
   a) घृणा
   b) स्वाद
   c) गृह
   d) हमारा

184) कटु - शब्द का उचित विलोम शब्द है - [1]
   a) समीप
   b) नाम
   c) मधुर
   d) दूर

185) स्री - शब्द का पर्यायवाची है [1]
   a) आत्मा
   b) महिला
   c) पुत्री
   d) तनये

186) व्यापारिक इस शब्द में प्रत्यय बताओ - [1]
   a) ठक
   b) इक
   c) इन
   d) अक

187) अनेक के लिए एक शब्द चुनिए - जो आँखों के सामने हो [1]
   a) विलुप्त
   b) अप्रत्यक्ष
   c) परोक्ष
   d) प्रत्यक्ष

188) जिसके मन में दया का अभाव हो: [1]
   a) निर्भय
   b) निर्दयी
   c) क्रूर
   d) हत्यारा

189) भूकंप किस प्रकार की संज्ञा है? [1]
   a) समूहवाचक संज्ञा
   b) द्रव्यवाचक संज्ञा
   c) जातिवाचक संज्ञा
   d) भाववाचक संज्ञा

190) वह कौन - सा सर्वनाम शब्द है जिसका प्रयोग पुरुषवाचक व निजवाचक दोनों में किया जाता है - [1]
   a) तुम
   b) आप
   c) क्या
   d) कौन

191) चेहरे पर हवाइयाँ उड़ना मुहावरे का अर्थ है - [1]
   a) घबरा जाना
   b) क्षमा माँगना
   c) गर्मी के कारण पसीना आना
   d) बहुत लज्जित होना

192) कान भरना मुहावरे का अर्थ है - [1]
   a) शोर करना
   b) चालाक होना
   c) धोखा देना
   d) चुगली करना

193) दिए गए शब्द - युग्म के उचित अर्थ के लिए सही विकल्प का चयन कीजिए: अधम - अधर्म [1]
   a) नीच - पाप
   b) जय - पराजय
   c) पराजय - जय
   d) पाप - नीच

194) शुद्ध वाक्य चुनिए - [1]
   a) माँ बच्चे को दूध धाय से पी रही है।
   b) माँ बच्चे को दूध धाय से पिलवा रही है।
   c) माँ बच्चे को दूध धाय से चखा रही है।
   d) माँ बच्चे को दूध धाय से पिला रही है।

195) मोहन ने कहा कि मैं कक्षा में प्रथम आया हूँ। वाक्य है - [1]
   a) इनमें से कोई नहीं
   b) सरल वाक्य
   c) मिश्रवाक्य
   d) संयुक्त वाक्य

Question No. 196 to 200 are based on the given text. Read the text carefully and answer the questions:
शिक्षा जीवन के सर्वांगीण विकास हेतु अनिवार्य है। शिक्षा के बिना मनुष्य विवेकशील और शिष्ट नहीं बन सकता। विवेक से मनुष्य में सही और गलत का चयन करने की क्षमता उत्पन्न होती है। विवेक से ही मनुष्य के भीतर उसके चहुँओर नित्य प्रति होते घटनाक्रमों के प्रति एक छिद्रान्वेषी दृष्टिकोण उत्पन्न होता है। शिक्षा ही मानव को मानव के प्रति मानवीय भावनाओं से पोषित करती है।
शिक्षा से मनुष्य अपने परिवेश के प्रति जाग्रत होकर कर्तव्याभिमुख हो जाता है। 'स्व' से 'पर' की ओर अग्रसर होने लगता है। निबल की सहायता करना, दुखियों के दुःख दूर करने का प्रयास करना, दूसरों के दुःख से दुःखी हो जाना और दूसरों के सुख से स्वयं सुख का अनुभव करना जैसी बातें एक शिक्षित मानव में सरलता से देखने को मिल जाती हैं।
इतिहास, साहित्य, राजनीतिशास्त्र, समाजशास्त्र, दर्शनशास्त्र इत्यादि पढ़कर विद्यार्थी विद्वान् ही नहीं बनता वरन् उसमें एक विशिष्ट जीवन दृष्टि, रचनात्मकता और परिपक्वता का सृजन भी होता है। शिक्षित सामाजिक परिवेश में व्यक्ति अशिक्षित सामाजिक परिवेश की तुलना में सदैव ही उच्च स्तर पर जीवन यापन करता है। परन्तु आज शिक्षा का अर्थ बदल रहा है। शिक्षा भौतिक आकांक्षा की चेरी बनती जा रही है। व्यावसायिक शिक्षा के अंधानुकरण में छात्र सैद्धान्तिक शिक्षा से दूर होते जा रहे हैं।

196) छिद्रान्वेषी दृष्टिकोण से लेखक का क्या तात्पर्य है? [1]
   a) उपयुक्त और अनुपयुक्त का बोध होना
   b) समन्वय की भावना उत्पन्न होना
   c) मानवीयता का विकास होना
   d) विवेकशीलता का विकास होना

197) **शिक्षा ही मानव को मानव के प्रति मानवीय भावनाओं से पोषित करती है।** इस कथन के लिए उपयुक्त विकल्प चुनिए [1]

a) कटुता
b) सहृदयता की भावना का विकास
c) घृणा की भावना का विकास
d) विनम्रता की भावना का विकास

198) शिक्षा से मनुष्य **स्व** से **पर** की ओर अभिगमन करने लगता है, क्यों? **[1]**

a) शिक्षा मनुष्य को कर्त्तव्यपरायण बनाती है
b) शिक्षा से मनुष्य में सेवा भाव उत्पन्न होता है
c) शिक्षा मनुष्य में मानवीय भाव भरती है
d) शिक्षा मनुष्य को संवेदनशील बनाती है

199) सर्वांगीण का विलोम शब्द है **[1]**

a) अपूर्ण   b) अर्द्धांगीण
c) सम्पूर्ण   d) पूर्ण

200) उपर्युक्त गद्यांश का उपयुक्त शीर्षक क्या होगा? **[1]**

a) सैद्धान्तिक व व्यावसायिक शिक्षा
b) शिक्षा
c) शिक्षा का जीवन में महत्त्व
d) शिक्षा का बदलता स्वरूप