SATISH SCIENCE ACADEMY
DHANORI PUNE - 411015

RIMC paper - 2
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) _____ is used in sowing **[1]**
   a) Sprinkler   b) Sickle
   c) Seed drill   d) Hoe

2) Frequency of irrigation depends on _____. **[1]**
   a) All of these   b) Crop
   c) Season   d) Soil

3) X and Y are substances rich in plant nutrients. X is a natural one whereas Y is manufactured in factories. Both X and Y are applied to crop fields to increase soil fertility and crop yield. Identify X and Y and select incorrect option regarding them. **[1]**

   a) X provides lot of humus to the soil but Y does not provide any humus to soil.
   b) X is readily soluble in water hence is easily absorbed by plants whereas Y is not much soluble in water so takes more time to get absorbed by plants.
   c) X improves soil texture for better retention of water and aeration and makes up for the general deficiency of nutrients in the soil.
   d) Y particularly makes up of deficiency of nutrients like nitrogen, phosphorus and potassium, but its excessive use can make soil unfit for use.

4) Penicillium is a **[1]**
   a) Yeast   b) Bacteria
   c) Algae   d) Fungus

5) Which substance in the body works against pathogens? **[1]**
   a) Antibodies   b) Antibiotics
   c) WBCs   d) RBCs

6) Louis Pasteur is associated with which of the following? **[1]**

   a) All of these
   b) He discarded the theory of spontaneous regeneration
   c) He concluded that fermentation is a biochemical process
   d) He discovered anti - rabies vaccine

7) Coal is processed in industries to get some useful products. Which of the following is not obtained from coal? **[1]**
   a) Coal tar   b) CNG
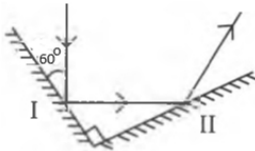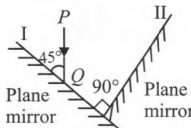   c) Coke   d) Coal gas

8) Naphthalene balls are obtained from coal tar and are used as: **[1]**
   a) Mosquito repellant   b) Snake repellant
   c) Moth repellant   d) Honey bee repellant

9) Coal tar can be used as a starting material for manufacturing of: **[1]**

   a) Drugs
   b) Cookwares
   c) All of these
   d) Photographic materials

10) Nowadays, a petroleum product is used for medalling roads in place of previously used material, they are: **[1]**

   a) Lubricating oil and bitumen respectively
   b) Coal tar and bitumen respectively
   c) Bitumen and lubricating oil respectively
   d) Bitumen and coal tar respectively

11) Shobha studied the nature of a few common substances and summarised her results in the given table.

S.No	Material	Combustible/Non - combustible
1.	Wood	Combustible
2.	Iron nails	Non - combustible
3.	Charcoal	Combustible
4.	Glass	Combustible
5.	Match stick	Non - combustible
6.	Kerosene	Combustible

The incorrect observations are **[1]**
   a) 3, 4 and 5 only   b) 2 and 3 only
   c) 4 and 5 only   d) 1 and 6 only

12) The biggest mammal is -   **[1]**
   a) Dolphin   b) Elephant
   c) Human   d) Blue whale

13) Aquatic animals in which fertilisation occurs in water are said to be: **[1]**

a) Viviparous with internal fertilisation.
b) Oviparous with internal fertilisation.
c) Oviparous with external fertilisation.
d) Viviparous without fertilisation.

14) The release of egg from ovum is described as [1]
a) Menstruation
b) Ovulation
c) Reproduction
d) Insemination

15) Which one of the following is not a part of a pistil? [1]
a) Filament
b) Stigma
c) Style
d) Ovary

16) First menstrual flow is called_____. [1]
a) Menopause
b) Menarche
c) Menstruation
d) Ministration

17) AIDS can spread from an infected person to another person through [1]
a) Sharing comb
b) Sharing food
c) A mosquito bite
d) Blood transfusion

18) When the two surfaces in contact have a very thin layer of lubricant in between them, it is due to [1]
a) Rolling friction
b) Solid friction
c) Film friction
d) Greasy friction

19) Friction involves [1]

a) Unnecessary expenses of energy
b) Increase the life of machine
c) Reduce the production
d) Reduce the expenses of energy

20) What happens, when a body undergoes an acceleration?
i. Its velocity always increases
ii. Its acceleration always increases
iii. A force always acts on it
iv. Both I and III
[1]
a) Only IV
b) Only I
c) Only II
d) Only III

21) The heat in metals is conducted by the process of [1]
a) Conduction
b) Absorption
c) Radiation
d) Convection

22) The ceilings of a concert hall are generally curved because [1]

a) It better aeration in the hall.
b) As any sound from outside cannot pass through a curved ceiling.
c) They can absorb noise.
d) They reflect the sound to the audience.

23) **Statement 1:** When a guitar string is plucked lightly then it produces a feeble sound.
Statement 2: Loudness of sound does not depend on the amplitude of vibrations of a vibrating object. [1]

a) Both statements 1 and 2 are false.
b) Both statements 1 and 2 are true and statement 2 is the correct explanation of statement 1.
c) Both statements 1 and 2 are true but statement 2 is not the correct explanation of statement 1.
d) Statement 1 is true but statement 2 is false.

24) Which of the following method is used to reduce the noise pollution along roads? [1]

a) Planting trees around roads
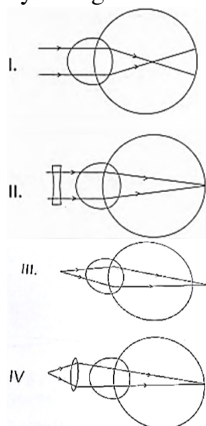b) Controlling traffic at road
c) Widening the road

d) Installing sound absorbent

25) Why is mica sheets used in an iron instruments? [1]
a) Mica is a bad conductor of electricity but good conductor of heat
b) Mica is a good conductor of electricity
c) Mica is a bad conductor of electricity and heat
d) Mica is a very light and bad conductor of electricity

26) **Statement I -** Liquid conducts current due to presence of ions.
Statement II - Direction of current is the same as direction of negative ion in the solution. [1]

a) Both I and II are correct
b) Neither I nor II are correct
c) Only I is correct
d) Only II is correct

27) Through anode, [1]

a) Current enters the solution
b) Electrons go into the solution
c) Current comes out of the solution
d) Electrons leave the solution

28) Increase in level of carbon dioxide in air causes [1]

a) Uniform earth temperature
b) No change in temperature
c) Decrease in earth temperature
d) Rise in earth's temperature

29) An earthquake is caused by [1]

a) Shaking of the earth
b) Plates slipping along the fault lines
c) All of these
d) Strain building up in the tectonic plates

30) Which instrument is used to measure earthquake? [1]
a) Biometer
b) Polygraph
c) Seismograph
d) Thermometer

31) Two mirrors are placed at 90°. A ray of light is incident on first mirror as shown. Find the angle of reflection of the reflected ray from second mirror?

[1]
a) 30°
b) 75°
c) 45°
d) 60°

32) Two plane mirrors I and II are placed at right angle to one another. A ray of light PQ hits I at Q making an angle of 45° as shown in the diagram. This ray will be reflected from mirror II at an angle of

[1]
a) 60°
b) 20°
c) 45°
d) 35°

33) Light is a form of [1]
a) Energy
b) Mass
c) Power
d) Length

34) The objects which partially allow the light to pass through it are called [1]
    a) Transparent
    b) Opaque
    c) Luminous
    d) Translucent

35) Image formed by a plane mirror is [1]

    a) Real at the surface of the mirror and enlarged.
    b) Virtual, behind the mirror and enlarged.
    c) Real, behind the mirror and of the same size as the object.
    d) Virtual, behind the mirror and of the same size as the object.

36) Anant is suffering from far sightedness. Which of the following diagrams show the disease and its correction by using a suitable lens, respectively?

[1]
    a) Ill & IV
    b) L & IV
    c) II & III
    d) I & ll

37) Heavenly bodies that emit heat and light throughout the year are called [1]
    a) Planets
    b) Moons
    c) Stars
    d) Asteroids

38) Which of the following statements about meteorites is incorrect?
    i. Meteor is bigger than meteorite
    ii. Meteorite is bigger than meteor
    iii. Meteorite reaches the earth's surface
    iv. Meteorite provides rich source of information regarding space.
[1]
    a) Only C
    b) Both (B) and (C)
    c) Only B
    d) Only A

39) Which of the following pairs will give displacement reactions? [1]

    a) Sodium chloride solution and copper metal
    b) Silver nitrate solution and copper metal.
    c) Ferrous sulphate solution and silver metal.
    d) Magnesium chloride solution and aluminium metal.

40) Which of the following metal is highly elastic? [1]
    a) Aluminium
    b) Copper
    c) Gold
    d) Silver

41) The average temperature of earth is increasing slowly due to [1]

    a) Absence of microbes
    b) Global warming
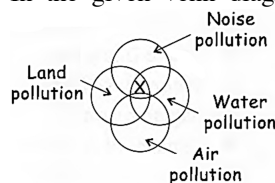   c) Increasing plants
    d) Increasing population

42) Absence of safe drinking water may lead to [1]

    a) Improper sanitation
    b) Wastes of time
    c) Poor health
    d) Water born diseases

43) Which of the following gas in atmosphere is responsible for acidic rain? [1]
    a) CFC
    b) CH_4
    c) SO_2
    d) O_3

44) In the given venn diagram, X is likely to be _____ .

[1]

    a) Construction work going on at a building site
    b) A farmer spraying pesticides near a river
    c) Youngsters dancing in the disco
    d) A group of people smoking cigarettes

45) Which of the following is a non - biodegration materials? [1]

    a) Aluminium cans
    b) Fallen leaves
    c) Peels of vegetables and fruits
    d) Wood

46) Rohit conducted the following experiment to test the tensile strength of different fibres.

Thread p required 5 kg weight to break, thread q required 1 kg, while thread r required 500 g weight to break. p, q and r could be respectively
[1]

    a) Silk, nylon and wool
    b) Cotton, wool and nylon.
    c) Cotton, silk and nylon
    d) Nylon, silk and cotton

47) What is nylon? [1]
    a) Polyethylene
    b) Polyester
    c) Polypropelene
    d) Polyamide

48) Ribosomes are not found in: [1]
    a) TMV
    b) Blue green algae
    c) Amoeba
    d) WBC

49) _____ is the site of development of ribosomal RNAs. [1]
    a) Nucleoplasm
    b) Cytoplasm
    c) Nucleolus
    d) Plasmalemma

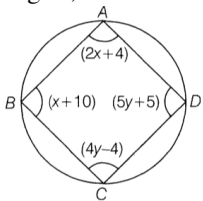50) The jell - like fluid substance present in cell is called _____ . [1]
    a) Chromosome
    b) Protoplasm
    c) Cytoplasm
    d) Chloroplast

MATHS

51) A 3 - digit number cba is divisible by 9 if _____. [1]

    a) $2a + b + c$ is divisible by 9
    b) $A + b + c$ is divisible by 9
    c) $A + b + 2c$ is divisible by 9
    d) $A + 2b + c$ is divisible by 9

52) If the number 7254*98 is divisible by 22, the digit at * is [1]
   a) 6
   b) 1
   c) 0
   d) 2

53) The smallest possible decimal fraction up to three decimal places is [1]
   a) 0.111
   b) 0.001
   c) 0.011
   d) 0.101

54) A rational number can be expressed as a terminating decimal if the denominator has factors: [1]
   a) 4 or 5
   b) 3 or 5
   c) 2 or 5
   d) 2, 3 or 5

55) In the standard form of a rational number, the denominator is always a [1]
   a) 1
   b) Positive integer
   c) Negative integer
   d) 0

56) Roller Coaster at an amusement park is $\frac{2}{3}$ m high. If a new roller coaster is built that is $\frac{3}{5}$ times the height of the existing coaster, what will be the height of the new roller coaster? [1]
   a) $\frac{4}{5}$ m
   b) $\frac{1}{6}$ m
   c) $\frac{2}{5}$ m
   d) $\frac{2}{3}$ m

57) The age of a man is 4 times that of his son. Five years ago, the man was nine times as old as his son was at that time. The present age of the man is [1]
   a) 45 yr
   b) 28 yr
   c) 48 yr
   d) 32 yr

58) The values of x and y in the figure are measure of angles, then x + y is equal to

[1]
   a) 90°
   b) 85°
   c) 75°
   d) 65°

59) A quadrilateral whose opposite sides and all the angles are equal is a [1]
   a) Rhombus
   b) Parallelogram
   c) Rectangle
   d) Square

60) The length and breadth of a rectangle are in the ratio 4 : 3. If the diagonal measures 25 cm then the perimeter of the rectangle is [1]
   a) 70 cm
   b) 60 cm
   c) 80 cm
   d) 56 cm

61) In a quadrilateral ABCD, $\angle$ B = 90° and $AD^2 = AB^2 + BC^2 + CD^2$ then $\angle$ ACD is equal to [1]
   a) 30°
   b) 90°
   c) 60°
   d) 45°

62) If $3^x = \frac{1}{9}$, the value of x is [1]
   a) 1
   b) - 2
   c) 2
   d) $\frac{1}{2}$

63) Find the value of $\left[\left(\frac{-2}{3}\right)^{-2}\right]^1$. [1]
   a) $\frac{7}{4}$
   b) $\frac{9}{4}$
   c) $\frac{3}{4}$
   d) $\frac{5}{4}$

64) The exponent in the expression 3^7 is _____ . [1]
   a) 0
   b) 1
   c) 7
   d) 3

65) $\left(\frac{1}{10}\right)^0$ is equal to [1]
   a) 10
   b) $\left(\frac{1}{10}\right)$
   c) 0
   d) 1

66) 149600000000 is equal to [1]
   a) 1.496×10^8
   b) 1.496×10^{12}
   c) 1.496×10^{11}
   d) 1.496×10^{10}

67) If $\sqrt[3]{0.000125}$ = x, then x = [1]
   a) 0.0005
   b) 0.05
   c) 0.005
   d) 0.5

68) If x = $\frac{\sqrt{3}-\sqrt{2}}{\sqrt{3}+\sqrt{2}}$ and y = $\frac{\sqrt{3}+\sqrt{2}}{\sqrt{3}-\sqrt{2}}$, then the value of $x^2 + y^2$ is - [1]
   a) 1030
   b) 99
   c) 990
   d) 970

69) $\sqrt{0.0009} \div \sqrt{0.01}$ = ? [1]
   a) 0.03
   b) $\frac{1}{3}$
   c) 0.3
   d) 3

70) The value of $\sqrt{(-1)} \cdot \sqrt{(-1)}$ is: [1]
   a) $\pm$ 1
   b) - 1
   c) +1
   d) +2

71) Simplify the expression : - 3x(7x - 4) + 6x - (13 - $24x^2$) [1]
   a) $- 24x^2 + 10 - 17$
   b) $- 24x^2 - 15x - 17$
   c) $3x^2 + 18x + 13$
   d) $3x^2 + 18x - 13$

72) If $a^2 + b^2 + c^2 = ab + bc + ca$, then the value of $a^3 + b^3 + c^3$ is [1]
   a) $3 (abc)^2$
   b) 3abc
   c) $3 (abc)^3$
   d) $3a^2b^2c^2$

73) A money lender lends 12000 to a person on this condition that he will withdraw 10% more amount from the original after a month. Find that how much the person will return to money lender after a month? [1]
   a) ₹13200
   b) ₹12500
   c) ₹12800
   d) ₹13500

74) Marotrao Patil sold a car for ₹2,75,000 that he had bought at ₹300000. What is his percent loss? [1]
   a) 10.33%
   b) 8.33%
   c) 10%
   d) 12%

75) Compound interest Compounded annually on a certain sum of money for 3 years at 8% per annum is ₹1688.128. Find the simple interest on the same sum for the same rate and same period. [1]
   a) ₹1560
   b) ₹1600
   c) ₹1650
   d) ₹1500

76) An item marked at Rs 720 is sold for Rs 600. What is the discount amount? [1]
   a) Rs 130
   b) Rs 140
   c) Rs 110
   d) Rs 120

77) Rajni and Mohini deposited ₹3000 and ₹4000 in a company at the rate of 10% per annum for 3 years and $2\frac{1}{2}$ years respectively. The difference of the amounts received by them will be [1]
   a) ₹900
   b) ₹1200
   c) ₹1100
   d) ₹1000

78) There are two neighbours, one has 6 oxen and other has 8 cows, and they have common field for the grazing of the cattle. They use the field for their cattle turn wise for feeding them. The 6 oxen or the 8 cows can graze

the field in 25 days. In how much time will 1 ox and 2 cows graze the same field if left together? **[1]**
a) 60 days
b) 55 days
c) 50 days
d) 40 days

79) A and B can do a job in 16 and 12 days respectively. 4 days before finishing the job, A joins B. B has started the work alone. Find how many days B has worked alone? **[1]**
a) 2 days
b) 12 days
c) 7 days
d) 5 days

80) Some men promised to do a job in 18 days, but 6 of them became absent and remainder men did the job in 20 days. What is the original number of men? **[1]**
a) 52
b) 60
c) 56
d) 50

81) Factorise: a(b - c) - d(b - c) **[1]**
a) (b + c)
b) (a - d) (b - c)
c) (b - c)
d) (a - d)

82) The HCF of $(x^2 + 1)$ and $(x^2 - 1)$ is - **[1]**
a) 1
b) X + 1
c) X - 1
d) 0

83) $9a^2 - \frac{12}{5}a + \frac{4}{25}$ can be written as following perfect square: **[1]**

a) $\left(3a - \frac{2}{5}\right)^2$
b) $\left(a - \frac{2}{5}\right)^2$
c) $\left(a + \frac{2}{5}\right)^2$
d) $\left(2a - \frac{2}{5}\right)^2$

84) A car travels a distance of 170 km in 2 hours partly at a speed of 100 km/hr and partly at 50 km/hr. Find the distance travelled at speed of 50 km/hr. **[1]**
a) 40 km
b) 60 km
c) 50 km
d) 30 km

85) An autorickshaw goes with a speed of 14 km/h. How much distance will it go in 2 h 15 min? **[1]**
a) 31.5 km
b) 30.5 km
c) 32.5 km
d) 32 km

86) In $\triangle$ PQR, **[1]**
a) PQ - QR > PR
b) PQ + QR < PR
c) PQ - QR < PR
d) PQ + PR < QR

87) One of the angles of a triangle is 120° and the other two angles are equal. Find the measure of each of the equal angles. **[1]**
a) 45°, 45°
b) 30°, 30°
c) 50°, 50°
d) 40°, 40°

88) Find the perimeter of the rectangle whose length is 40 cm and a diagonal is 41 cm. **[1]**
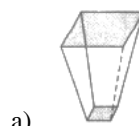a) 98 cm
b) 44 cm
c) 50 cm
d) 88 cm

89) Find the area of an equilateral triangle whose each side is 6 cm? **[1]**
a) 90 cm^2
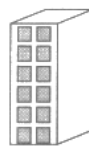b) $9\sqrt{3}$ cm^2
c) $10\sqrt{3}$ cm^2
d) $10\sqrt{2}$ cm^2

90) The dimensions of a hall are 40 m, 25 m and 20 m. If each person requires 200 cubic metre, then the number of persons who can be accomodated in the hall are **[1]**
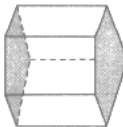a) 140
b) 120
c) 100
d) 150
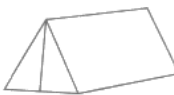
91) Which of the following is not a prism? **[1]**

a)
b)
c)
d)

92) If the radius of a cylinder is tripled but its curved surface area is unchanged, then its height will be **[1]**
a) Tripled
b) One third
c) One sixth
d) Constant

93) What is the base radius of the cylinder, if a 44 in. long and 20 in. the broad rectangular tin sheet is rolled along its length to form the cylinder by making the opposite edges just touch each other? **[1]**
a) 14 inch
b) 7 inch
c) 12 inch
d) 11 inch

94) There is no reference or perspective in a ____. **[1]**
a) Scale
b) Magnitude
c) Map
d) Symbol

95) The solid with one circular face, one curved surface and one vertex is known as: **[1]**
a) Sphere
b) Prism
c) Cylinder
d) Cone

96) Which measures of central tendency get affected if the extreme observations on both the ends of a data arranged in descending order are removed? **[1]**

a) Mode and Median
b) Mean, Median and Mode
c) Mean and Mode
d) Mean and Median

97) If x is an even integer and sum of 12 Consecutive even numbers from x is found to be 588, then find the mean of 10 consecutive even numbers starting from x - 20. **[1]**
a) 22
b) 32
c) 27
d) 28

98) To find out the average of 5 numbers by mistake any student has written 54 instead of 45. As a result he got the average 52 of 5 numbers. The correct average of numbers is **[1]**
a) 50.1
b) 50.2
c) 50.0
d) 50.4

99) In an experiment of tossing a coin once, what is the probability of getting a head? **[1]**
a) $\frac{1}{2}$
b) 1
c) 0
d) $\frac{1}{4}$

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

English

101) Identify the type of noun of the underlined word:
The lion is the king of the beasts. **[1]**
a) Collective
b) Proper
c) Abstract
d) Common

102) You don't need much food to feed those. (pronoun type) **[1]**

a) Possessive, personal
b) Personal, reflexive
c) Reflexive, demonstrative
d) Personal, demonstrative

103) Which is the singular object pronoun in the sentence?
His lame excuses made him doubtful for me. **[1]**
a) Him
b) Me
c) His
d) For

104) Which is the relative pronoun in the given sentence?
We went to the park, whose near to our house. **[1]**
a) The
b) Ourselves
c) Whose
d) We

105) **Choose the correct adjective for the given sentence:**
This is the _____ part of the play. **[1]**
a) More sad
b) Sad
c) Saddest
d) Sadder

106) State the type of underlined adjective.
Priya brought a tiny puppy home. **[1]**

a) Possessive adjective
b) Adjective of quality
c) Interrogative adjective
d) Adjective of number

107) **Choose the correct adjective for the given sentence:**
He is _____ than his neighbours. **[1]**
a) Wealthier
b) Richest
c) Richer
d) Rich

108) We have enough for the guests. (adjective) **[1]**

a) Descriptive adjective
b) Adjective of quantity
c) Interrogative adjective
d) Adjective of quality

109) **Choose the correct adjective for the given sentence:**
My house is _____ as yours. **[1]**
a) As big
b) Biggest
c) Big
d) Bigger

110) Mom will distribute the pie evenly between my sister and myself. Count how many verbs are there in the sentence. **[1]**
a) 2
b) 3
c) 1
d) 4

111) Choose the correct verb:
My friends _____ the prime minister yesterday. **[1]**
a) Are seeing
b) Sees
c) Have seen
d) Saw

112) Choose the correct verb:
At first, she didn't want to go with me, but I _____ make her change her mind. **[1]**
a) Should
b) Could
c) Was able to
d) Would

113) Choose the correct verb:
If you pass the test, you _____ for an interview. **[1]**
a) Will be invited
b) Is be invited
c) Was be invited
d) Could be invited

114) Choose the correct verb:
My computer broke down, so I _____ continue my work. **[1]**
a) Could not
b) Can't
c) Couldn't been
d) Cannot be

115) Still waters run deep. **[1]**
a) Verb
b) Adverb
c) Pronoun
d) Adjective

116) How long has Jimmy been on holiday? (Saturday) Using FOR/SINCE, choose the appropriate answer. **[1]**

a) He will be on a holiday since Saturday.
b) He had been on a holiday since Saturday.
c) He is on a holiday for Saturday.
d) He has been on holiday since Saturday.

117) I was angry that I _____ (make) such a stupid mistake. **[1]**
a) Has made
b) Have made
c) Had made
d) Am making

118) **Choose the correct option for tense:**
Lack of iodine _____ goiter. **[1]**
a) Causes
b) Has caused
c) In causing
d) Cause

119) Select the word or phrase that is most closely opposite in meaning to the capitalized word.
FALSE **[1]**
a) Incorrect
b) Defective
c) True
d) Inaccurate

120) The host really put himself out to see that everyone was comfortable. (idiom/proverb) **[1]**

a) Host put his comfort aside
b) Host put his life at risk
c) Host took pains
d) Host took another way

121) The population of Somerville city is increasing by leaps and bounds . Meaning of the underlined word: **[1]**
a) Slowly
b) Similarly
c) Accidentally
d) Rapidly

122) The meaning of the idiom "Couch potato" is **[1]**

a) Beat the horse which is dead
b) A lazy person
c) A Energetic person
d) A lazy person and Beat the horse which is dead

123) Find out the synonym of **Meeting**. **[1]**
a) Function
b) Programme
c) Conference
d) Assembly

124) Which cannot be solved. **[1]**
a) Indivisible
b) Ineligible
c) Insoluble
d) Invisible

125) Where is Jim's car (punctuation) **[1]**
a) Where is Tim's car'
b) Where is Tim's car.
c) Where is Tim's car!
d) Where is Tim's car?

126) It is ten minutes to seven. (preposition) **[1]**

a) Direction of   b) Destination
c) In order to   d) Until

127) The new term begins _____ 1st June. **[1]**
     a) From   b) At
     c) On   d) In

128) Choose the correct article for the given sentence:
I saw _____ one eyes man yesterday. **[1]**
     a) The   b) None of these
     c) An   d) A

129) Choose the correct article for the given sentence:
Would you like _____ apple or _____ banana? **[1]**
     a) The, the   b) A, a
     c) An, a   d) An, the

130) Choose the correct article for the given sentence:
There is _____ huge statue of Rani Lakshmibai at the square. **[1]**
     a) No article   b) The
     c) An   d) A

131) **Choose the correct article/s for the below sentence:**
What time are we going to _____ party? **[1]**
     a) A   b) An
     c) The   d) No article

132) Choose the appropriate article:
_____ students of this class are very punctual. **[1]**
     a) The   b) An
     c) No article required   d) A

133) Make the reported speech. Start all your answers with 'she' and use the past simple of 'ask', 'say' or 'tell'. It's the same day, so you don't need to change the time expressions.
"Do you usually cook at home?" **[1]**

     a) She asked me if I usually cooked at home.
     b) Cooked at home I usually she asked me.
     c) Asked me if I usually cooked she at home.
     d) I usually cooked at home asked she me.

134) He said to us, "The world is round." Choose the correct indirect speech. **[1]**

     a) He told us that the world will be round.
     b) He told us that the world is round.
     c) He told us that the world was round.
     d) He told us the world is round.

135) Select the option which best expresses the same sentences in Passive/Active Voice.
The doctor had examined him. **[1]**

     a) He has been examined by the doctor.
     b) He is examined by the doctor.
     c) He was examined by the doctor.
     d) He had been examined by the doctor.

136) Rahul was playing cricket. (passive voice) **[1]**

     a) Cricket is played by Rahul.
     b) Cricket was being played by Rahul.
     c) Cricket has been played by Rahul.
     d) Cricket is being played by Rahul.

137) Karthik has built a house. The passive voice of this sentence is: **[1]**

     a) Karthik is building a house.
     b) Karthik was building a house.
     c) The house is been built by Karthik.
     d) A house has been built by Karthik.

138) The maid was washing the clothes. (passive voice) **[1]**

     a) The clothes were being washed by my maid.
     b) The clothes are being washed by my maid.
     c) The clothes are washed by my maid.
     d) The clothes was washed by my maid.

139) Select the option which best expresses the same sentences in Passive/Active Voice.
I have read the book. **[1]**

     a) The book has been read by me.
     b) The book is been read by me.
     c) The book have been read by me.
     d) The book had been read by me.

140) Select the option which best expresses the same sentences in Passive/Active Voice.
Suganya can help me. **[1]**

     a) I can be help by Suganya.
     b) I can be helped by Suganya.
     c) Suganya could be helped.
     d) I could be helped by Suganya.

141) Arrange the words in the correct meaningful sentence:
quite / yet / she / naughty / is / adorable **[1]**

     a) She is quite yet naughty adorable.
     b) She quite naughty is yet adorable.
     c) She quite is naughty yet adorable.
     d) She is quite naughty yet adorable.

142) Arrange the words in the correct meaningful sentence:
the teachers / is / favourite / of all / Ramesh **[1]**

     a) A Ramesh is favourite of the teachers.
     b) Ramesh the teachers is favourite of all.
     c) Ramesh is a favourite of all the teachers.
     d) All of teachers is favourite of Ramesh.

143) Arrange the words in the correct meaningful sentence:
help / minerals / growth / the / body / of / in / the **[1]**

     a) Minerals help in the growth of the body.
     b) Minerals help of the growth in the body.
     c) Help minerals in the growth of the body.
     d) Minerals help in the body of the growth.

144) Arrange the words in the correct meaningful sentence:
Highest / Peak / the / is / Mount / Everest **[1]**

     a) Mount Everest is the highest Peak.
     b) Peak is the highest Mount Everest.
     c) Is the highest Peak Mount Everest.
     d) Everest Mount Peak is the highest.

145) Arrange the words in the correct meaningful sentence:
at / top / voice / the man / his / of / demanded / the / admission / shouting **[1]**

     a) Shouting the top of at his voice, the man demanded admission.
     b) Shouting at the top of his voice, the man demanded admission.
     c) Shouting at the top of voice, the man his demanded admission.
     d) Shouting at the top of his voice, man the demanded admission.

146) Which part of the given sentence is erroneous? In case, there is no error, choose option (d).
     i. Slow and steady
     ii. Owns the race,
     iii. As the wise would say.

iv. No error
[1]
a) Option (a) b) Option (b)
c) Option (d) d) Option (c)

147) Which part of the given sentence is erroneous? In case, there is no error, choose option (d).
   i. When learning to dive
   ii. It is important
   iii. To relax in between and take breaks.
   iv. No error
[1]
a) Option (a) b) Option (b)
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. I prefer
   ii. Seafood
   iii. Than Mediterranean food.
   iv. No error
[1]
a) Option (c) b) Option (a)
c) Option (d) d) Option (b)

149) Yaho! Hello, my name is Arav. Choose the interjection from the sentence: [1]
a) Name b) Yaho!
c) Is d) My

150) When Ronnie has to give a reason to his teacher for being absent, he will use the conjunction: [1]
a) Before b) Because
c) Until d) Unless

Social Science

151) The rule of primogeniture is: [1]

a) Where the eldest son inherited his father's estate
b) Where the youngest son inherited his father's estate
c) Where the eldest daughter inherited his father's estate
d) Where the youngest daughter inherited his father's estate

152) Rana Sanga was the king of which place? [1]
a) Hissar b) Delhi
c) Mewar d) Ajmer

153) Clement Atlee, send a Cabinet Mission to India, to negotiate the terms of the transfer of power with the Indian leaders and general elections were held in India. After the general elections, who was invited to form the Interim Government in 1946? [1]
a) Jawahar Lal Nehru b) Dr. Rajendra Prasad
c) Mohammed Ali Jinnah d) Motilal Nehru

154) Bengal was divided as a result of which among the following: [1]

a) Do or die
b) Divide & rule
c) Both Do or Die and Divide & rule
d) Take and out

155) The book Poverty and Un - British Rule in India are authored by: [1]
a) Sarojini Naidu b) Jawaharlal Nehru
c) Mahatma Gandhi d) Dadabhai Naoroji

156) Which of the following is the question that Upanishadic thinkers wanted to answer: [1]

a) They wanted to know life after death
b) They wanted to know how to please God
c) They wanted to know how to live happily before death
d) They wanted to know how to make Sangha

157) Which Mughal ordered the execution of Guru Arjan in 1606? [1]
a) Akbar b) Shah Jahan
c) Jahangir d) Aurangzeb

158) Who propagated strict monotheism or submission to one God. It also rejected idol worship and considerably simplified rituals of worship into collective prayers? [1]
a) Sikh b) Islam
c) Hindu d) Parsis

159) The types of resources on basis of stock are: [1]

a) Renewable and non - renewable
b) Abiotic and biotic
c) Actual and potential
d) Ubiquitous and localised

160) What does the term Rock Dams refer to?
   i. Farming on rocky terrains.
   ii. Rocks are piled up to slow down the flow of water to prevent gullies and soil loss.
   iii. Rows of trees planted across the rocky areas for soil conservation.
   iv. Natural barriers are created on rocky areas to check the wind movement to protect the soil cover.
[1]
a) Only B b) Only A
c) Only D d) Only C

161) What is the majority of land in India used for? [1]
a) Cultivation b) Other use
c) Forests d) Pasture

162) Sahara is what type of desert [1]
a) Cold b) Dry
c) Hot d) Mild

163) Which one of the following is NOT a producer of mica? [1]
a) Rajasthan b) Andhra Pradesh
c) Jharkhand d) Karnataka

164) Which one of the following, situated in Assam is a leading producer of Petroleum in India? [1]
a) Barauni b) Digboi
c) Panipat d) Mathura

165) Glaciers are "rivers" of ____. [1]
a) Ice b) Wind
c) Water d) Water vapour

166) ___ is an undersea mountain [1]
a) Andes b) Mauna Kea
c) Rockies d) Alps

167) The Appalachians in North America and the Ural mountains in Russia have [1]

a) Rugged relief
b) Rounded features and low elevation
c) High conical peaks
d) High elevation

168) Name the type of farming practiced to meet the needs of the farmer's family? [1]

a) Commercial Farming

b) Mixed Farming
c) Plantation Agriculture
d) Subsistence Farming

169) Which place in the USA is called as the original centre of steel making and is slowly loosing ground and is now known as the dust bowl of America. **[1]**
   a) Cleveland   b) Chicago
   c) Duluth   d) Pittsburgh

170) Which one is a means of mass communication? **[1]**
   a) Pigeon   b) Telephone
   c) Letter   d) Radio

171) Road connecting major cities and state capital is called: **[1]**
   a) City highway   b) Plain highway
   c) National highway   d) State highway

172) The national radio station of India is _____. **[1]**
   a) Radio one   b) Radio India
   c) Red FM   d) All India Radio

173) What is India among the following? **[1]**

   a) Religion free country
   b) Non - democratic country
   c) Religion based country
   d) Both Religion - based country, Religion free country

174) **They** highlight drawbacks in various policies and programmes of the government and mobilise popular support for their own policies. Who are they? **[1]**
   a) MPs   b) MLA
   c) Ruling parties   d) Opposition parties

175) The Gram Sabha meeting begins with the Panchayat President, who is also called the _____. **[1]**
   a) Sarpanch   b) Mayor
   c) Panch   d) Tehsildar

176) Give the main function of Judiciary **[1]**

   a) Interpretation of laws
   b) Making laws
   c) Help the laws
   d) Manipulation of law

177) Adivasis the term literally means: **[1]**
   a) Rich inhabitants   b) North inhabitants
   c) Original inhabitants   d) Desi inhabitants

178) This refers to the removal of persons from land/ homes that they are currently living in: **[1]**
   a) Violation   b) Eviction
   c) Appeal   d) Acquit

179) _____ most often sell everything that a household needs ranging from vegetables to clothes to utensils. **[1]**
   a) Weekly market   b) Shopping complex
   c) Chain market   d) Malls

180) Spinning mill buys the **[1]**
   a) Cotton   b) Thread
   c) Fabric   d) Bales

हिंदी

181) **पाठशाला** शब्द का उचित बहुवचन रूप है - **[1]**
   a) पाठशालायों   b) पाठशालाएँ
   c) पाठशालाए   d) पाठशालाओं

182) **लड़की** शब्द का उचित बहुवचन है - **[1]**
   a) लड़किया   b) लकड़ियाँ
   c) लड़कियाँ   d) लड़कियों

183) सत्कार शब्द का विलोम शब्द है - **[1]**
   a) निरादरी   b) अनादर
   c) अपमान   d) तिरस्कार

184) इच्छा - शब्द का उचित विलोम है - **[1]**
   a) सुविधा   b) काश
   c) एच्छिक   d) अनिच्छा

185) भँवरा - शब्द का पर्यायवाची है **[1]**
   a) भक   b) कीट
   c) भौंरा   d) भूख

186) पुत्र शब्द का पर्यायवाची है - **[1]**
   a) स्वामी   b) सेवक
   c) नर   d) आत्मज

187) अनेक के लिए एक शब्द चुनिए - जो पूजा के योग्य हो **[1]**
   a) पूज्यनीय   b) पूजनीय
   c) पुज्यनीय   d) पुजनीय

188) **विशिष्ट अवसर पर विशिष्ट लोगों के समक्ष दिया गया विद्वतापूर्ण भाषण** के लिए एक शब्द है - **[1]**
   a) अपभाषण   b) सम्भाषण
   c) अनभाषण   d) अभिभाषण

189) कौन - सा शब्द भाववाचक संज्ञा नहीं है - **[1]**
   a) लड़ाई   b) यौवन
   c) सफलता   d) युवती

190) संबंधवाचक सर्वनाम का उदाहरण किस विकल्प में है? **[1]**

   a) वह चला गया
   b) यह उपहार कौन लाया है?
   c) जैसा बोओगे वैसा काटोगे
   d) कोई बाहर खड़ा है

191) दाल में काला होना - मुहावरे का अर्थ बताइए - **[1]**
   a) दाल में मिलावट होना   b) संदेह होना
   c) चेहरा फीका पड़ना   d) निर्लज्ज होना

192) छाती पर मूंग दलना - मुहावरे का अर्थ बताइए - **[1]**
   a) असंभव कार्य करना   b) दुख देना
   c) कठिन कार्य करना   d) मूंग की दाल खाना

193) दिए गए शब्द - युग्म के उचित अर्थ के लिए सही विकल्प का चयन कीजिए:भव्य - भव **[1]**
   a) संसार - शानदार   b) लोक - परलोक
   c) शानदार - संसार   d) यश - अपयश

194) **तुम तुम्हारे घर जाओ।** - वाक्य का शुद्ध रूप क्या है? **[1]**
   a) तुम तुम्हें घर जाओ   b) तुम अपने घर जाओ
   c) तुम तुम्हारी घर जाओ   d) तुम तुमरे घर जाओ

195) **बच्चे शोर मचा रहे थे, इसलिए उन्हें डाँट पड़ी।** - संयुक्त वाक्य के लिए उचित मिश्र वाक्य का चयन कीजिए। **[1]**

   a) बच्चों ने शोर मचाया और उन्हें डाँट पड़ी।
   b) बच्चों के शोर मचाते ही उन्हें डाँट पड़ी।
   c) क्योंकि बच्चे शोर मचा रहे थे, इसलिए उन्हें डाँट पड़ी।
   d) बच्चों के शोर मचाने से उन्हें डाँट खानी पड़ी।

Question No. 196 to 200 are based on the given text. Read the text carefully and answer the questions:
भारत में तीव्र आर्थिक विकास की दृष्टि से देखें, तो शहरीकरण एक स्वाभाविक प्रक्रिया है। नई आर्थिक नीति लागू करने से पूर्व शहरीकरण के दुष्प्रभावों की ओर शायद हमारे नीति - निर्माताओं की सोच नहीं गई थी। यही कारण है कि मलिन बस्तियों में रहने वाले शहरी गरीब आज भी मूलभूत आवश्यकताओं से वंचित हैं। इन मलिन बस्तियों में रहने वाली जनसंख्या ऐसे लोगों की है, जो शोषण के बावजूद भी बेहतर रोजगार अवसरों की अनुपलब्धता

के कारण गाँव से शहरों की ओर पलायन करने को मजबूर हुए। भारत में अभी शहरी जनसंख्या 38 करोड़ 20 लाख है, जो 20 वर्षों में दुगनी हो जाएगी। शहर की जनसंख्या में वृद्धि के साथ शहरीकरण की प्रवृत्ति में तेजी आ रही है, इससे गरीबों की संख्या में भी वृद्धि हो रही है। रोजगार की स्थिति गाँवों की अपेक्षा शहरों में अच्छी है, लेकिन यह अधिक खुश करने वाला नहीं है। योजना आयोग की रिपोर्ट के अनुसार 6 करोड़ 82 लाख अर्थात् 25% शहरी लोग गरीबी - रेखा से नीचे जीवन व्यतीत कर रहे हैं।

196) **शहरीकरण** किस व्यवस्था की स्वाभाविक प्रक्रिया है? **[1]**
a) पूँजी - निवेश
b) ओलम्पिक का आयोजन
c) ग्रामीण विकास
d) तीव्र आर्थिक विकास

197) शहरी - गरीबी का निर्धारण कौन करता है? **[1]**
a) वित्त आयोग
b) योजना आयोग
c) राज्यपाल
d) राष्ट्रपति

198) **अनुपलब्धता** का विलोम शब्द होगा **[1]**
a) उपलब्धता
b) अनुपलब्ध
c) उपलब्धि
d) उपलब्ध

199) मलिन बस्तियों में रहने वालों की क्या स्थिति है? **[1]**
a) बहुत अच्छी
b) कोई आवश्यकता नहीं है
c) मूलभूत अनिवार्यताओं से वंचित हैं
d) स्थिति का लेखा - जोखा नहीं है

200) शहरी क्षेत्रों के गरीबों की संख्या कितनी मानी गई है? **[1]**
a) 10 करोड़ 25 लाख
b) नगण्य
c) 38 करोड़ 20 लाख
d) 6 करोड़ 82 लाख