ಕರ್ನಾಟಕ ಶಾಲಾ ಗುಣಮಟ್ಟ ಮೌಲ್ಯಾಂಕನ ಮತ್ತು ಅಂಗೀಕರಣ ಪರಿಷತ್ತು (ರಿ.)

6ನೇ ಅಡ್ಡ ರಸ್ತೆ, ಮಲ್ಲೇಶ್ವರಂ, ಬೆಂಗಳೂರು – 560 003.

ಕಲಿಕಾ ಸಾಧನಾ ಸಮೀಕ್ಷೆ   – 2018–19

ಮಾಧ್ಯಮ : ಇಂಗ್ಲೀಷ್

ವಿಷಯ : ವಿಜ್ಞಾನ, ಸಮಾಜ ವಿಜ್ಞಾನ, ಗಣಿತ

ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸೂಚನೆಗಳು :   ಸಮಯ : 2½ ಗಂಟೆ

1. ಪ್ರಶ್ನೆಗಳನ್ನು ಮೊದಲು ಓದಿ ಅರ್ಥೈಸಿಕೊಳ್ಳುವುದು.

2. ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯಲ್ಲಿ ಬಲಗಡೆ ನೀಡಿರುವ ಸಂಖ್ಯೆಯನ್ನು ಓ.ಎಂ.ಆರ್.ನಲ್ಲಿ ನಿಗದಿಪಡಿಸಿದ ಸ್ಥಳದಲ್ಲಿ ಕಡ್ಡಾಯವಾಗಿ '✓' ಮಾಡುವುದು.

3. ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ A, B, C, D ಎಂಬುದಾಗಿ 4 ಆಯ್ಕೆಯ ಉತ್ತರಗಳನ್ನು ನೀಡಲಾಗಿರುತ್ತದೆ. ಅವುಗಳಲ್ಲಿ ಸರಿಯಾದ ಒಂದು ಉತ್ತರಕ್ಕೆ ಮಾತ್ರ ಓ.ಎಂ.ಆರ್.ನಲ್ಲಿ '✓' ಮಾಡುವುದು.
ಉದಾಹರಣೆ: 2ನೇ ಪ್ರಶ್ನೆಗೆ B ಸರಿ ಉತ್ತರವಾಗಿದ್ದಲ್ಲಿ ಹೀಗೆ '✓' ಮಾಡುವುದು.   2.

A	B	C	D
	✓		

4. ಓ.ಎಂ.ಆರ್.ನಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ನಿಗದಿಪಡಿಸಿದ ಸ್ಥಳದಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳು ಸಹಿ ಮಾಡುವುದು ಹಾಗೂ ಶಿಕ್ಷಕರು ಶಿಕ್ಷಕರಿಗೆ ನಿಗದಿಪಡಿಸಿರುವ ಸ್ಥಳದಲ್ಲಿ ಸಹಿ ಮಾಡುವುದು.

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1) Food ingredients of Upma are

A) Rava, milk, vegetables   B) Water, Rava, vegetables

C) Rice, water, vegetables   D) Dal, water, vegetables

2) Potato is the following part of the plant :

A) Root   B) Leaf

C) Stem   D) Fruit

3) The group of animals that are Omnivorous is :

A) Ant, elephant, donkey   B) Deer, elephant, peacock
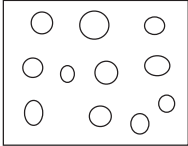
C) Dog, cat, tiger   D) Rat, ant, crow

4) 2 - 3 drops of dilute Iodine solution is added to a piece of unriped mango. The result will be :

A) Blue - black colour appears because starch is present

B) Violet colour appears because no starch is present

C) Red because no starch is present
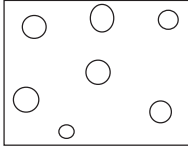
D) No colour change because sugar is present

5) Vitamin suggested by the doctor to absorb more calcium in a person with weak bones is :

A) Vitamin 'C'   B) Vitamin "D"

C) Vitamin "A"   D) Vitamin "B"

6) **The food ingredient which is rich in protein among the following is :**
A) Peas and fish
B) Rice and ghee
C) Maize and egg
D) Bajra and potato

7) **The suggestion given to a person with swollen glands in the neck is :**
A) The surrounding soil and water is rich in Iron. Person should consume leafy vegetables
B) The surrounding soil and water is Iron deficient. Person should consume citrus fruits
C) The surrounding soil and water is iodine deficient. Person should consume iodised food
D) The surrounding soil and water is calcium deficient. Person should consume citrus fruits

8) **The fibres which we get from plants and animals respectively are :**
A) Jute & yarn
B) Cotton & jute
C) Cotton & silk
D) Silk & wool

9) **The correct order of formation of fibre to fabric is : _____**
A) fibre, yarn, weaving
B) weaving, yarn, fibre
C) fibre, weaving, yarn
D) yarn, fibre, weaving

10) **Polyester is an example of synthetic fibre because,**
A) It is obtained from plant origin
B) It is mixture of plant and animal fibres
C) It is obtained from artificial chemicals
D) Its fibres are very thin

11) **Right explanation related to process of making fabric is,**
A) Making fabrics by arranging 2 sets of yarns together → Weaving
B) Making fabrics by arranging 2 sets of yarns together → Knitting
C) Making fabrics by arranging 2 sets of yarns together → Spinning
D) Making piece of fabric using single yarn → Weaving

12) **The chair can be made of following materials,**
A) Paper, rubber, clothes
B) Metal, plastic, wood
C) Lime stone, mud, sand
D) Glass, yarn, paper

13) **The group which has only transparent materials :**
A) Glass, wall, cardboard
B) Wall, water, plastic
C) Glass, water, air
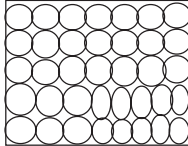D) Iron plate, water, cardboard

14) **"The salt added to water in a beaker disappears after some time."**
   The right explanation for this phenomenon is,
   A) Salt is a substance which dissolves in water
   B) Salt is a substance which dissolves in liquid
   C) Salt is a solid crystalline substance
   D) Salt is a substance which sinks in water

15) **The purpose of separating Butter from the curd is :**
   A) To remove non-useful components
   B) To remove impurities
   C) To remove harmful components
   D) To separate two useful components

16) **"Two separate layers are formed when we keep undisturbed mixture of kerosene and water." Right method of separation is,**
   A) Density of upper layer is less, so filtration
   B) Evaporate when heated, so evaporation
   C) To separate upper layer, decantation
   D) Water is liquid so filtration

17) **No more additional substance can be dissolved in the following solution :**
   A) Mixture
   B) homogeneous solution
   C) Suspension
   D) Saturated solution

18) **Reversible change among the following is :**
   A) Milk to curd
   B) Melting of ice
   C) Nut to fruit
   D) Raw to cooked food

19) **"When the boiling water is heated further, the quantity of water decreases"**
   This happens because temperature given for further heating is,
   A) used to convert water into steam
   B) wasted in the form of heat
   C) breaking the water molecules
   D) not supplied to water

20) **The plant for which the branches appear in upper part of the stem is :**
   A) Shrubs
   B) Trees
   C) Herbs
   D) Creepers

21) **Identify the right statement related to parts of a plant :**
   A) Leaves store the food
   B) Stem prepares the food
   C) Roots absorb water and minerals
   D) Stem absorbs water and minerals

22) **Part of the plant which has stamens, pistil, ovule and ovary, is**
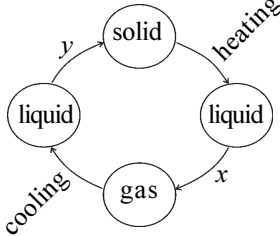   A) stem
   B) flower
   C) root
   D) leaf

23) **Following is an example of non flowering plant**
   A) Grass　　　　　　　　　　　B) Mango
   C) Papaya　　　　　　　　　　D) Guava

24) **Vinitha wants to prepare some chapathis. She finds that wheat flour contains some pieces of wheat grains. Method you suggest to separate wheat grains,**
   A) Sedimentation　　　　　　　　B) Sieving
   C) Filtration after mixing with water　　D) Decantation of wheat grains

25) **The food obtained from animal source is**
   A) Fox tail　　　　　　　　　　B) Kodo millet
   C) Cheese　　　　　　　　　　D) Pearl millet

26) **Diagram which represents arrangement of minute particles in Butter milk**
   A) 1 and 2
   B) 3 only
   C) 2 and 3
   D) 1 only

27) **In the given diagram 'x' and 'y' respectively are,**
   A) x = cooling　　　y = heating
   B) x = heating　　　y = cooling
   C) x = cooling　　　y = cooling
   D) x = heating　　　y = heating

28) **Group which has only compounds among the following,**
   A) Oxygen, Gold, Air, Sugar
   B) Sugar, Marine water, Iron, Gold
   C) Sugar, Water, Common salt, Carbondioxide
   D) Water, Common salt, Hydrogen, Sugar

29) **An Electrical appliance in which electrical energy is converted to heat energy:**
   A) Fan　　　　　　　　　　　B) Grinder
   C) Washing machine　　　　　　D) Iron box

30) **The form of energy that can be saved by using LED bulb is :**
   A) Mechanical energy　　　　　　B) Chemical energy
   C) Electrical energy　　　　　　D) Thermal energy

31) **Identify the monument which is built with marble rock :**

    A)   Taj Mahal   B)   Jahangir Mahal

    C)   Lotus Mahal   D)   Lalith Mahal

32) **Agricultural activities are found around the Oasis because :**

    A)   Availability of ground water   B)   Heavy rainfall

    C)   Availability of flat land   D)   Land covered with Sandy soil

33) **Another name for forest in India which sheds leaves :**
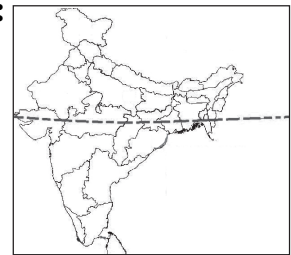
    A)   Evergreen forests   B)   Dense forests

    C)   Shrub forest   D)   Monsoon forests

34) **India is surrounded by water on three sides. India is therefore a :**

    A)   Peninsula   B)   Island

    C)   Bay   D)   Gulf

35) **The latitude which divides India into North and South is :**

    A)   Tropic of cancer

    B)   Tropic of Capricorn

    C)   Equator

    D)   Arctic circle

36) **Name the country which lies to the East of India :**

    A)   Srilanka

    B)   China

    C)   Pakistan

    D)   Bangladesh

37) **The pictures below shows different sources of history. Identify the archaeological source :**

1.	2.	3.	4.

    A)   Picture 1   B)   Picture 2   C)   Picture 3   D)   Picture 4

38) Jogfall of Shivamogga is example for this type of energy resource :

A) Automic energy
B) Wind energy
C) Solar energy
D) Hydro energy

39) The use of microlithic stone can be seen in one of the following ages of prehistoric :

A) Paleolithic
B) Mesolithic
C) Neolithic
D) Old stone age

40) The Egyptian civilization developed on the banks of River Nile because :

A) Nile is the longest river in the world

B) The water of Nile was used for drinking and agriculture

C) The Nile valley helped in setting up industries

D) Nile river was used to generate hydro - power

41) Lothal is one of the cities of the Harappan Civilizations and is famous for :

A) Industry
B) Temple
C) Harbour
D) Swimming pool

42) In Pre - Vedic period, the chief of the Aryan people was called :

A) Rajan
B) Suman
C) Vidhata
D) Devan

43) The importance of varna or the caste system which developed during the later vedic period is diminishing in the present day because :

A) Influence of education
B) Eradication of poverty
C) Equality for women
D) Increase in Socialisation

44) "Love your neighbour as your self". This was preached by :

A) Prophet Mohammad
B) Gautama Buddha
C) Jesus Christ
D) Mahaveera

45) Teachings of Buddha were popular and widely accepted because Buddha:

A) came from the Royal family and people respected him.

B) was very popular amongst his friends.

C) taught the educated people who easily understood his teachings.

D) preached in the Pali language which was understood by all.

46) **The reason for Jainism not being so popular in the present day is because :**
    A) The rituals and practices are difficult
    B) No political patronage
    C) They preached violence
    D) Hindrance to development of society

47) **During the Mauryan Period the officers who preached good conduct to the people were :**
    A) The king with his council of ministers
    B) The members of Gramasabhas
    C) The higher officials called 'Dharmamahamatras'
    D) The Gramikas of the villages

48) **The Allahabad Pillar inscription gives a narration about his gallant victory :**
    A) Chandragupta II   B) Samudragupta
    C) Chandragupta I   D) Sri Gupta

49) **Identify the literary work of Banabhatta from given list :**
    A) Harshacharita   B) Ratnavali
    C) Nagananda   D) Priyadarshika

50) **A person may loose citizenship by :**
    A) inheritance   B) renounciation
    C) incorporation   D) registration

51) **A person who is a citizen of India :**
    A) has the right to vote.
    B) doesnot have the power to hold any position.
    C) cannot buy properties.
    D) cannot visit any foreign countries.

52) **Identify the national bird of India from the given pictures :**
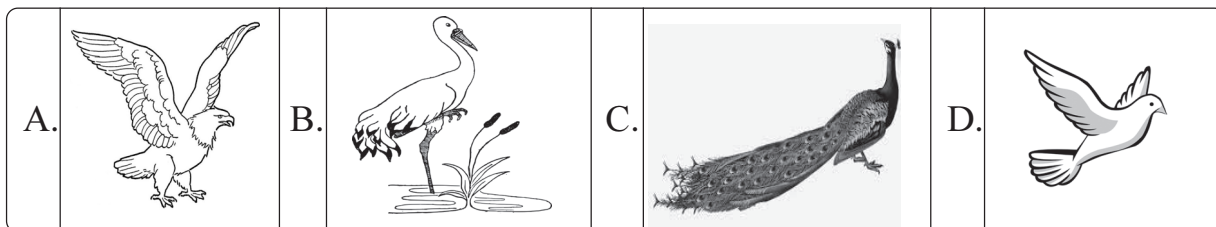
53) **The Government of India adopted our national emblem in the year :**
    A) 1940   B) 1950
    C) 1960   D) 1970

54) The picture below represents :

A) Communalism   B) Corruption

C) Smuggling   D) Unity in Diversity

55) The movement of the earth can be best understood by using a globe because :

A) Lines of latitudes and longitudes are drawn on the globe.

B) The shape of the earth is correctly shown on a globe.

C) We can rotate the globe on its axis.

D) The position and shapes of the continents are shown on the globe.

56) Seema wants to study the Indian states and their capitals. She should refer :

A) Physical map of India   B) Political map of India

C) Distribution map of India   D) Topographical map of India

57) The index which is used to locate national capital is the map :

A) ⊙   B) - - - - -

C) /\/\/\/\/\   D) \/\/\/\/\/

58) Asia is called the continent of contrast because:

A) it is the largest of all the continents.

B) has diverse landforms, climate and people.

C) it is bounded by oceans on three sides.

D) it has uniform landforms, climate and vegetation.

59) The continent of Asia is generally less industrialised than Europe because:

A) of increase in literacy   B) of scarce population

C) availability of skilled labour   D) lack of technology

60) Asia has varied type of climate because :

A) It extends from the equator to the poles

B) It extends from the equator to the Himalayan Mountain

C) It is bordered by the continent of Europe in the west

D) It is surrounded by ocean and seas

61) The equivalent fraction of $\frac{1}{3}$ is represented by

A)

B)

C)

D)
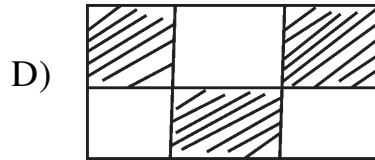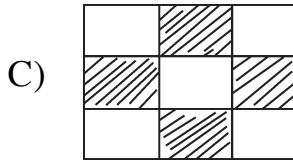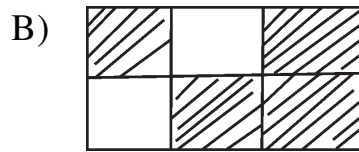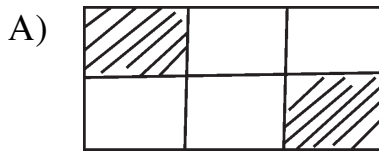
62) The population of four cities in a district are **40,564, 45,064, 45,604 and 40,456. The descending order of these is**

A) 40,456, 40,564, 45,064, 45,604   B) 45,064, 45,604, 40,456, 40,564

C) 45,604, 45,064, 40,564, 40,456   D) 40,564, 40,456, 45,604, 45,064

63) **The difference of 36,703 and 10,584 rounded off to ten thousands place is**

A) 20,000   B) 26,000   C) 27,000   D) 30,000

64) **The area of rectangular floor of a room with length 5m and breadth 4m is**

A) 20 sq.m.   B) 18 sq.m.   C) 81 sq.m.   D) 9 sq.m.

65) **The cloth required to stitch uniform for three children in a family is 3.25m, 4m and 4.5m. The total length of the cloth required is**

A) 11.37 m   B) 11.57 m   C) 11.35 m   D) 11.75 m

66) **The departure time of the bus in a station shows 17:45. The time indicated is**

A) 05.45 AM   B) 07.45 AM   C) 05.45 PM   D) 07.45 PM

67) **The difference between the largest and smallest number formed using the digits 5, 2, 6, 4, 8 only once is**

A) 24,568   B) 61,974   C) 86,542   D) 1,11,110

68) The smallest number among 3054, 3045, 3450 and 3405 is

A) 3045   B) 3054   C) 3405   D) 3450

69) The digit that is to be filled in the blank, so that the number 4765_3 is completely divisible by 9 is

A) 2   B) 3   C) 4   D) 5

70) A student writes 20+(45+37) as (45+37)+20. The law applied is

A) Associative   B) Distributive

C) Commutative   D) Additive identity

71) If 2 = 2 + (2 × 0)

4 = 2 + (2 × 1)

6 = 2 + (2 × 2)

by following the same pattern 16 can be written as

A) 2 + (2 × 4)   B) 2 + (2 × 5)   C) 2 + (2 × 6)   D) 2 + (2 × 7)

72) The total number of prime numbers between 10 and 20 is

A) 1   B) 4   C) 2   D) 3

73) The prime number among the following is

A) 49   B) 28   C) 37   D) 51

74) The product of prime factors of 36 is

A) $4 \times 3 \times 3$ B) $3 \times 3 \times 2 \times 2$ C) $9 \times 2 \times 2$ D) $2 \times 3 \times 6$

75) An example for co-prime among the following is

A) 13, 10   B) 14, 12   C) 35, 15   D) 16, 18

76) The common factor of 18 and 60 is

A) 6   B) 18   C) 12   D) 60

77) In the given factor tree, the values of 'a', 'b' and 'c' are respectively
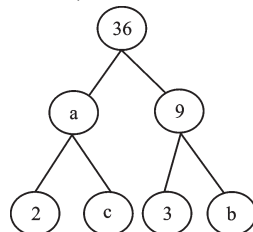
A) 2, 3, 4

B) 4, 3, 2

C) 3, 2, 4

D) 4, 2, 3

78) **Suma, Salma and Pinku have three rulers of lengths 10cm, 15cm and 25cm respectively. The minimum length all the three can measure using their rulers completely is**

A) 50 cm   B) 60 cm   C) 150 cm   D) 175 cm

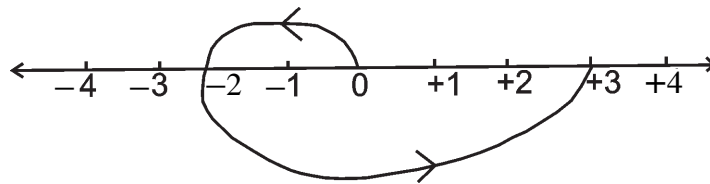79) **The smallest integer among –8, –6, –3, –14 is**

A) –3   B) –6   C) –8   D) –14

80) **Sum of – 42, 39 and 85 is**

A) 166   B) –166   C) 82   D) –82

81) **The given number line represents**

A) $-5 + 2 = -3$

B) $-2 + 5 = 3$

C) $-2 - 5 = -8$

D) $-2 + 3 = 1$

82) **The numerical form of "twenty three lakh forty thousand and six" is**

A) 23,40,006

B) 23,04,006

C) 23,40,060

D) 23,40,600

83) **The approximate value of 91 × 579 is**
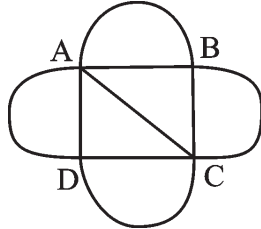
A) 40,000

B) 45,000

C) 54,000

D) 60,000

84) In Roman system 69 is written as

   A) XLIX   B) LXIX   C) LXXI   D) LIXX

85) In the given figure, the number of straight lines and curved lines are respectively

   A) 5, 4

   B) 4, 4

   C) 4, 5

   D) 5, 5
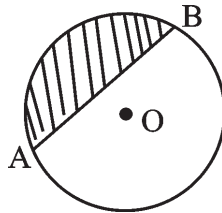
86) The total number of diagonals in a pentagon is

   A) 2   B) 3   C) 4   D) 5

87) The quadrilateral with only one pair of opposite sides parallel is

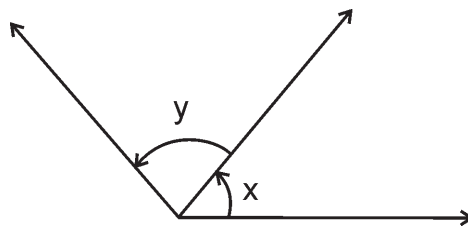   A) Rhombus   B) Trapezium   C) Square   D) Rectangle

88) In the figure, shaded region represents

   A) Sector

   B) Segment

   C) Semicircle

   D) Chord

89) In the figure, the sum of angle x and y is

   A) a right angle

   B) an acute angle

   C) an obtuse angle

   D) a straight angle

90) In the given square based pyramid number of faces, edges and vertices respectively are

   A) 8, 5, 5

   B) 5, 4, 8

   C) 5, 5, 8

   D) 5, 8, 5