

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 : 2:30 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
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. ಓ.ಎಂ.ಆರ್.ನಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ನಿಗದಿಪಡಿಸಿದ ಸ್ಥಳದಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳು ಸಹಿ ಮಾಡುವುದು ಹಾಗೂ ಶಿಕ್ಷಕರು ಶಿಕ್ಷಕರಿಗೆ ನಿಗದಿಪಡಿಸಿರುವ ಸ್ಥಳದಲ್ಲಿ ಸಹಿ ಮಾಡುವುದು.

1) **Proteins are necessary for humans as,**

- A) It is a major source of energy
- B) It helps in maintaining body temperature
- C) It helps in growth of the body parts
- D) It is a part of genetic material

2) **The nutrient present in large quantities in sprouted bean seed & moong seed is:**

- A) Carbohydrate
- B) Protein
- C) Lipid
- D) Mineral

3) **Lipoprotein is formed by combining lipid glucose and protein. Such substances are called as:**

- A) Simple protein
- B) Simple lipid
- C) Compound protein
- D) Compound lipid

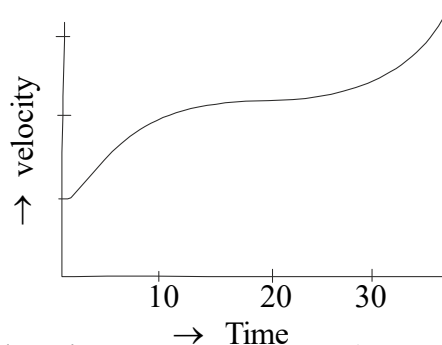
4) **The body of some organisms is made up of many cells. The group that does not justify the above statement is:**

- A) Elephant, Whale
- B) Ant, Caterpillar
- C) Amoeba, Euglena
- D) Mosquito, Housefly

5) **The characteristic feature of Prokaryotes is one among the following:**

- A) It represents open deoxyribo nucleic acid
- B) Nucleus is surrounded by definite nuclear membrane
- C) It is made up of definite chromosomes
- D) It contains a cell organelle called mitochondria

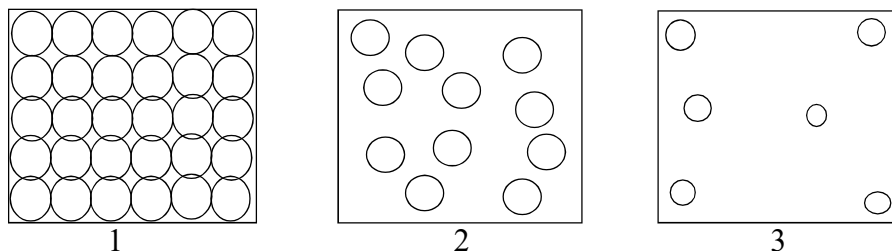
- 6) The respiratory system which consists of lungs, bronchi, nose etc is the organ system of our body because,
- These organs helps in respiration and circulation
 - Different organs work together to carryout a particular function
 - They have similar structure and function
 - Combination of different types of tissues for a specific function
- 7) A bus under repair is pushed but it does not move even a little bit and stands still. The reason for this is:
- Static friction
 - Sliding friction
 - Rolling friction
 - Static-rolling friction
- 8) The place where we hold the pen is fixed with rubber. This facilitates:
- Speedy writing
 - Soft sensation
 - Beautiful writing
 - Avoids slipping
- 9) The method used to increase the friction between the surface of the grinding stone and the grinding material at home is:
- adding water
 - applying oil to the stone
 - making the stone surface rough
 - making the stone smooth
- 10) A car starting from rest takes 20 seconds to gain a velocity of 40ms^{-1} . Then its acceleration is:
- 2ms^{-1}
 - 2ms^{-2}
 - 20ms^{-2}
 - 4ms^{-2}
- 11) This graph represents:



- Uniform acceleration
 - Uniform motion
 - Decrease in velocity
 - Non uniform motion
- 12) The non accelerated motion among the following is:
- A boy coming down from a slide
 - A landing aeroplane
 - An autorickshaw moving with a definite velocity
 - A ball dropped from fourth floor
- 13) The one among the following that does not have kinetic energy is:
- a pulled rubber band
 - water flowing in a river
 - flying kite
 - rolling log of wood

- 14) The amount of work done when an arrow is made to move 10m with a force of 25N is:
 A) 250m B) 250N C) 250m/s D) 250J
- 15) An object having a definite mass is raised to a definite height from ground level, then the equation form of stored energy is:
 A) $K = \frac{1}{2} mv^2$ B) $PE = mgh$ C) $F = m \times a$ D) $W = FS$
- 16) Rekha has put jasmine flowers in her hair and walks into a room. The other people sitting in the room gets the smell of jasmine flower. This is happening because,
 A) Diffusion of flowers B) Diffusion of gases
 C) Diffusion of colours D) Drying of flowers
- 17) Govind puts a few books inside a polythene bag. The polythene bag becomes rectangular in shape because,
 A) Air has no weight
 B) Solids have definite shape and weight
 C) Solids have definite mass and shape
 D) Air does not occupies space

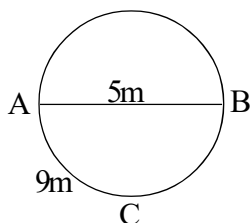
18)



Considering these to be molecular arrangement of the states of matter. The following statement is correct.

- A) 1 = Solid, 2 = Liquid, 3 = Gas B) 1 = Liquid, 2 = Gas, 3 = Solid
 C) 1 = Solid, 2 = Gas, 3 = Liquid D) 1 = Gas, 2 = Liquid, 3 = Solid
- 19) On a cold day in winter hot water becomes cold very soon. The reason behind this phenomenon is,
 A) Transfer of heat to the surroundings
 B) Transfer of temperature to the surroundings
 C) Transfer of cold from the surroundings
 D) Transfer of temperature from the surroundings
- 20) The thermometer used to measure body temperature is,
 A) Gas thermometer B) Laboratory thermometer
 C) Laboratory or Clinical thermometer D) Clinical thermometer
- 21) The range of temperature which can be measured using laboratory thermometer is:
 A) 95°F to 108°F B) 30°F to 110°F
 C) 30°C to 110°C D) 95°C to 108°C

- 22) Citric acid is not present in,
 A) Orange B) Lemon C) Tamarind D) Sweet lemon
- 23) The base which is used to white wash walls is:
 A) Sodium hydroxide B) Calcium hydroxide
 C) Ammonium hydroxide D) Potassium hydroxide
- 24) Following is the material of the vessel which is used to store pickle is :
 A) Copper B) Brass C) Iron D) Glass
- 25) Pure water is:
 A) Acidified liquid B) Saline liquid
 C) Alkaline liquid D) Neutral liquid
- 26) The most suitable method of farming in the slopy regions of hilly areas is:
 A) Contour farming B) Dry farming
 C) Crop rotation farming D) Mixed cropping
- 27) The parasite living in the body of another organism and obtaining food from it is:
 A) Algae B) Amoeba C) Round worms D) Fungi
- 28) A coconut falling from a coconut tree has this motion:
 A) Curved motion B) Linear motion
 C) Rotatory motion D) Oscillatory motion
- 29) In the given circle, an ant starting from A reaches B. The shortest distance between A and B can be named like this:



- A) Displacement B) Distance travelled
 C) Speed D) Velocity
- 30) Two candles are lit and kept on a table. A tumbler has been inverted on one of them, lighted candle puts off because of
 A) Lack of heat B) Lack of oxygen
 C) Lack of carbondioxide D) Lack of light

- 31) **The main objective of Amarasulya movement was to :**
 A) driving British out of Kodagu
 B) separation of Amarsulya from Kodagu
 C) re-establishing the Kingdom of Kodagu
 D) having complete independence for a separate state
- 32) **In the field of banking, Tulunadu contribution was remarkable because it provided**
 A) high benefit by high rate of interest
 B) fiscal advise to the Government
 C) employment to lakh of people
 D) monopoly in banking sector
- 33) **Sangolli Rayanna was a frightening dream to the British because :**
 A) He was adept in Guerilla warfare
 B) Secretly continued to guide the people while in prison
 C) The British could never capture him
 D) He used grenades to kill many Britishers
- 34) **Law making implementation of law and awarding justice are the functions of these three organs respectively. They are :**
 A) Union government, State government and Judiciary
 B) Lok Sabha, Rajya Sabha and Vidhana Sabha
 C) Legislature, Executive and Judiciary
 D) President, Governor and Prime Minister
- 35) **The Speaker of Lok Sabha was elected by**
 A) The members of both Lok Sabha & Rajya Sabha
 B) The elected members of State Legislative assembly
 C) Directly elected by the people
 D) The members of the Lok Sabha
- 36) **The reason for calling African Continent as 'Central Continent' is**
 A) It has a central location in the world map
 B) The equator passes through almost center of the continent
 C) It is the second largest continent
 D) Tropic of Cancer and Capricorn pass through it
- 37) **The main source of income of Vijayanagar was**
 A) Land tax
 B) Professional tax
 C) Export duty
 D) Tributes
- 38) **The literary work which was written in Telugu by Sri Krishnadevaraya**
 A) Gadugina Bharatha
 B) Prabhulinga leele
 C) Barathesha Vaibhava
 D) Amukta Malyada

- 39) **This monument which was built during the period of Bahamani Shahi Sultans is described as 'Taj Mahal of South India'**
- A) Jamia Masjid
B) Gawan's Madarasa
C) Ibrahim Roza
D) Gagan Mahal
- 40) **Ramu and Raheem wish each other on their religious festivals. This factor indicates**
- A) Discrimination on Religious ground
B) Condeming Idol worship
C) God is one
D) Religious harmony
- 41) **Purandara dasa is called the father of Carnatic Music, because**
- A) Composed many Kirthanas
B) Combination of moral, philosophy and musical qualities
C) He was in the court of Krishnadevaraya
D) He was praised by his guru Vyasa
- 42) **The enemies did not capture impregnable fort of Chitradurga because**
- A) Surrounded by the water
B) Protected by seven encircled forts
C) Protected by the guards
D) Having protected by natural hills
- 43) **Pious administrator Hiriya Kempe Gowda had a title called**
- A) Nadaprabhu
B) Prajavatsala
C) Architect of Bengaluru
D) Navakoti Narayana
- 44) **The statement which shows that Tippu was lover of subjects, a great sacrificer and protector of State.**
- A) He built his army with the help of French
B) He pledged two of his sons for the protection of state
C) He made friendship with friends
D) He declared himself 'Sultan'
- 45) **By this purpose Qutubuddin established dynasty is known as the 'Slave' dynasty.**
- A) He was a slave of Mohammad Ghori
B) He was a commander of Mohammad Ghori
C) He established independent dynasty in Delhi
D) He constructed Qutub Minar at Delhi

- 46) **The Chairman of the drafting committee of the constitution is**
A) Dr. Babu Rajendra Prasad B) Dr. B.R. Ambedkar
C) Jawaharlal Nehru D) Sardar Patel
- 47) **The special feature which upheld the concept of equality of all religions in our constitution**
A) Republic B) Socialism C) Secular D) Democratic
- 48) **The Indian Constitution came into force on :**
A) 26 January 1950 B) 26 November 1949
C) 30 January 1948 D) 26 December 1950
- 49) **A student suggests his friends not to destroy the public property, here the student knows**
A) Fundamental rights B) Fundamental duties
C) Directive principles of state policy D) Civilian facilities
- 50) **Ramu was not allowed to draw water from the well as he belonged to a low caste. The fundamental Right which is violated in this case is**
A) Right of equality B) Right of Religion
C) Right against exploitation D) Cultural and educational rights
- 51) **Adult Franchise system means**
A) Above 18 years of age allowed to vote
B) Only females allowed to vote
C) Only Govt. & Private employee allowed to vote
D) Only people of high caste allowed to vote
- 52) **The central vast plain of North America is formed by these rivers**
A) Colorado & Columbia B) Mississippi & Missouri
C) Columbia & Red River D) Red River & Colorado
- 53) **Grand Canyon is formed by the river Colorado has benefitted America in the form of**
A) Earning foreign exchange through fishing
B) Drinking water plan has brought profit
C) Center for scenic beauty and tourism
D) Suitable for the navigation of ships

- 54) **The purpose behind the cultivation of Maize in vast lands of North America is for**
A) Export
B) Domestic consumption
C) Fodder for cattle and pigs
D) Production of beer
- 55) **The North American highland has high population whereas the north of this physical feature has sparse population. The correct statement related to this is**
A) Shortage drinking water
B) Unemployment Crisis
C) Strict Migration laws
D) Frozen ice environment
- 56) **The best reason for the development of Industries in North America is**
A) Good Communication system
B) Proper utilization of human resource
C) Stable administration
D) Availability of raw-materials and energy resources
- 57) **Like Deccan plateau of India, the land which is formed by old rocks in South America is**
A) Rockies Mountain range
B) Guyana and Brazil high lands
C) Central low lands
D) Western coastal plain
- 58) **Amazon and Orinoco form river basin in the South America whereas 'La Plata' river basin consists these rivers**
A) Pera, Titicaca, Marajo
B) Amazon, Parana, Uruguay
C) Parana, Paruguay and Uruguay
D) Orinoco, Amazon and Parana
- 59) **The Coastal plains of Peru has low temperature because**
A) it lies close to the Antarctic circle
B) it is washed by cold currents
C) it is sorrounded by sea on three sides
D) of its high altitude
- 60) **South America is suitable for Sheep & Cattle rearing. The correct statement to support this is**
A) Receives heavy rainfall throughout the year
B) Presence of Pampas
C) There is no possibility of establishing industries
D) The humid climate supports the growth of good quality wool.

61) The least digit that can be filled in the blank space so that ___6724 is completely divisible by 3 is

- A) 0
B) 1
C) 2
D) 3

62) The HCF of 85 and 68

- A) 85
B) 17
C) 68
D) 5

63) A whole is divided into three parts as $\frac{2}{7}, \frac{4}{7}, \frac{1}{7}$. The decending order of these parts is

- A) $\frac{4}{7}, \frac{2}{7}, \frac{1}{7}$
B) $\frac{1}{7}, \frac{2}{7}, \frac{4}{7}$
C) $\frac{4}{7}, \frac{1}{7}, \frac{2}{7}$
D) $\frac{1}{7}, \frac{4}{7}, \frac{2}{7}$

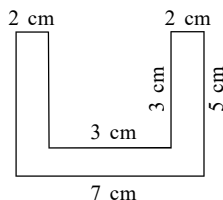
64) An iron rod measures 4.53 m. A length of 2.85 m is cut from the rod. The length of rod remaining is

- A) 2.43 m
B) 2.83 m
C) 1.52 m
D) 1.68 m

65) Cost price of the 4 dozen bananas is ₹ 180, the number of bananas that can be purchased for ₹ 45 is

- A) one dozen
B) 3 dozen
C) 2 dozen
D) $\frac{1}{2}$ dozen

66) The perimeter of the given figure is



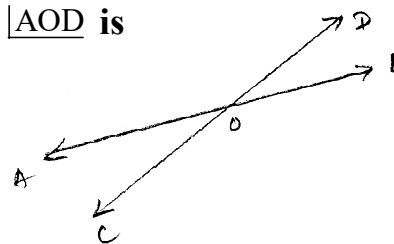
- A) 10 cm
B) 15 cm
C) 25 cm
D) 30 cm

- 67) The product of (-20) and (-50) is
 A) -1000 B) $+1000$ C) -700 D) $+700$
- 68) The average temperature recorded in Bangalore, Srinagar, Ladak and Jammu in particular time is 25°C , -8°C , -15°C and 10°C . The place where the least temperature recorded is
 A) Srinagar B) Jammu C) Ladak D) Bangalore
- 69) The total earning of 12 people for a week is ₹ 19,200. If everyone has equal share, the share of each is :
 A) ₹ 1,200 B) ₹ 1,400 C) ₹ 1,600 D) ₹ 1,800
- 70) The number that should come in box in $\frac{2}{3} \times \frac{12}{6} = \frac{4}{\square}$
 A) 2 B) 3 C) 4 D) 6
- 71) Soma spends ₹ 40 for breakfast and ₹ 125 for lunch, which of the following represents his expenditure for 6 days?
 A) ₹ 125 + ₹ 40 + 6 B) $(\text{₹ } 125 + 6) \times \text{₹ } 40$
 C) ₹ 125 \times ₹ 40 \times 6 D) $(\text{₹ } 125 + \text{₹ } 40) \times 6$
- 72) Harisha answered $\frac{3}{5}$ out of 80 questions in a competitive examination. No. of questions unanswered is
 A) 32 B) 48 C) 40 D) 24
- 73) The Reciprocal of $\frac{53}{6}$ is
 A) $+\frac{53}{6}$ B) $-\frac{53}{6}$ C) $+\frac{6}{53}$ D) $-\frac{6}{53}$
- 74) The cost of 1m Ribbon is ₹ $6\frac{1}{2}$. The cost of $1\frac{1}{2}$ m ribbon is
 A) ₹ $9\frac{3}{4}$ B) ₹ $6\frac{1}{4}$ C) ₹ $8\frac{3}{4}$ D) ₹ 8
- 75) $\frac{3}{8} = \frac{24}{\square}$ the missing number in the box is
 A) 24 B) 40 C) 48 D) 64
- 76) A box contains $8\frac{1}{2}$ kg sugar, $5\frac{2}{3}$ kg sugar is taken out from the box to prepare sweets. The quantity of sugar left in the box is
 A) $3\frac{1}{2}$ kg B) $2\frac{5}{6}$ kg C) $2\frac{2}{3}$ kg D) $3\frac{2}{3}$ kg

- 77) Cost of one liter diesel in the beginning of a month was ₹ 69. By the end of the same month price increases by 75 paise per liter. This amount to be paid for 5.5 liter diesel after hike is
 A) ₹383.625 B) ₹363.625 C) ₹338.675 D) ₹348.755
- 78) The student measured a segment of length of 10.5 cm as 8.5 cm. This error in the measurement in meter is _____
 A) 2 m B) 0.2 m C) 0.002 m D) 0.02 m
- 79) '2 is added to the product of p and q '. The algebraic expression of the statement is
 A) $p \times q \times 2$ B) $p \times q - 2$ C) $pq + 2$ D) $p + q + 2$
- 80) The degree of algebraic expression $2a^4 - 3a^3b^2 + b^3$ is
 A) 4 B) 5 C) 6 D) 3
- 81) $(6m - 4n + 6)$ is subtracted from $(8m - 5n - 10)$. The answer
 A) $2m - n - 4$ B) $2m + n + 4$ C) $2m - 9n - 4$ D) $2m - n - 16$

82) In the given figure the vertically opposite angle of $\angle AOD$ is

- A) $\angle AOD$ B) $\angle BOD$
 C) $\angle BOC$ D) $\angle AOC$

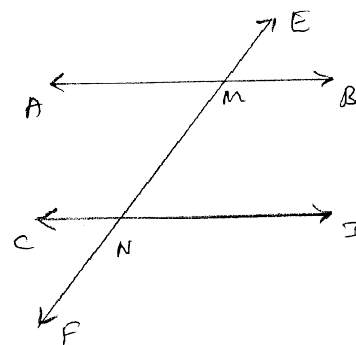


83) Complementary angle of 32° is

- A) 48° B) 58° C) 148° D) 158°

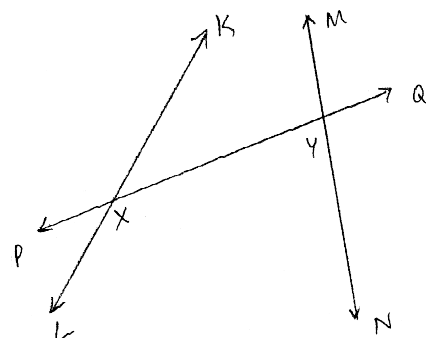
84) In the given figure $\overline{AB} \parallel \overline{CD}$ and \overline{EF} is the transversal. The alternative and corresponding angle of $\angle AMN$ are respectively is

- A) $\angle CNF, \angle DNF$
 B) $\angle DNM, \angle BMN$
 C) $\angle DNM, \angle AME$
 D) $\angle CNF, \angle MND$



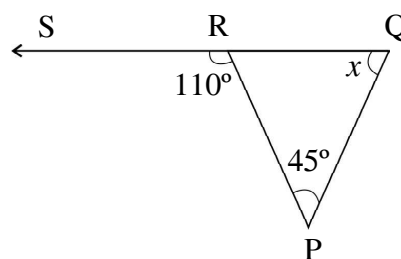
85) The transversal in the given figure is

- A) \overline{KL}
 B) \overline{PQ}
 C) \overline{MN}
 D) \overline{XY}



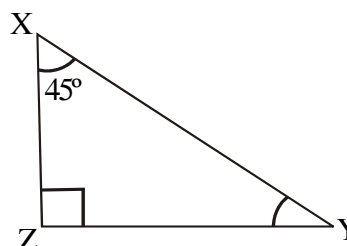
86) In the given figure the value of 'x' is

- A) 110°
- B) 75°
- C) 65°
- D) 45°



87) In the given figure the value of $\angle Y$ is

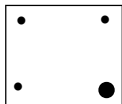
- A) 45°
- B) 55°
- C) 90°
- D) 180°



88) In the right angled triangle the length of the longest side is 10 cm and length of the other side is 8 cm. The length of remaining side is

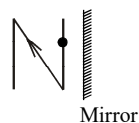
- A) 18 cm
- B) 10 cm
- C) 8 cm
- D) 6 cm

89) The given figure is rotated by 180° in clockwise direction. The correct position represented after the rotation is



- A)
- B)
- C)
- D)

90) Reflective symmetry of



- A)
- B)
- C)
- D)

