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11. What is the SI unit of temperature
A) Celsius B) Kelvin C) Fahrenheit D) None of these
12. Solar energy is _____ form of energy
A) Renewable B) Non-renewable C) Both A and B D) None of these
13. A force can
A) Change the direction of a moving body
B) Change the state of rest or uniform motion of a body
C) Change the shape of a body D) All of the above
14. We can walk on a surface due to
A) Contact force B) Gravitational force C) Muscular force D) Frictional force
15. Which of these is the best conductor of electricity ?
A) Carbon B) silver C) Iron D) Aluminium
16. A substance that does not allow the current to flow through it is called
A) Conductor B) Insulator C) Semiconductor D) Superconductor
17. A device which is used to stop supply of current in the circuit is called
A) Battery B) Circuit C) Wire D) Switch
18. Which of the following is a natural luminous source of light
A) Sun B) Wood C) Electric lamp D) Torch
19. Object that allow the entire light to pass through them are called
A) Transparent object B) Translucent object C) Opaque object D) None of these
20. The image formed by pinhole camera is
A) Real and inverted B) Virtual and erect C) Larger than object D) All of these
21. When a bar magnet is brought near iron dust most of the dust sticks
A) Near the middle B) Equally everywhere C) Near two ends D) At the middle and ends
22. The pole of the magnet that points towards the North is called _____ pole
A) North B) South C) East D) West
23. How many poles are present in a magnet ?
A) One B) Two C) Three D) Four
24. SI unit of force is
A) Dyne B) Newton C) Meter D) None of these

25. A magnet exerts a force called
- A) Electrical force B) Chemical force C) Magnetic force D) Magnetic field

CHEMISTRY

26. Which of the following is a base ?
- A) Curd B) Vinegar C) Amla D) Window cleaner
27. What colour change will you observe when phenolphthalein is added to an acid ?
- A) Pink B) Green C) Colourless D) Blue
28. Which feels soapy touch ?
- A) Acids B) Bases C) Both A & B D) None of the above
29. Acids taste
- A) Sour B) Sweet C) Bitter D) Salty
30. When we suffer from acidity, we should take
- A) Iron tonic B) Vitamins C) Antacid D) Lactocalamine
31. The nature of bases is
- A) Acidic B) Basic C) Neutral D) All of the above
32. The most commonly used natural indicator is
- A) Turmeric B) Beetroot C) China rose petals D) Litmus
33. Neutralisation is a reaction between
- A) Two acids B) Two bases
- C) One acid and one base D) One acid and one neutral substance
34. Which of the following animals yields wool ?
- A) Yak B) Goat C) Both A & B D) None of these
35. Which of the following is a plant fibre
- A) Cotton B) Coir C) Jute D) All of the above

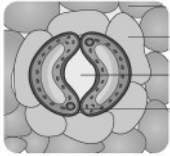
36. _____ acid is found in vinegar
- A) Ascorbic acid B) Lactic acid C) Acetic acid D) None of these
37. Which of the following fibre is made of protein
- A) Silk B) Wool C) Jute D) None of the above
38. _____ and _____ are obtained from animals
- A) Cotton & Jute B) Silk & wool C) Wool & Teflon D) None of the above
39. Which of the following is soft ?
- A) Iron B) Wood C) Cotton D) Stone
40. Some metals which are difficult to compress are called
- A) Rough B) Soft C) Hard D) None of the above
41. Materials which can be compressed easily are called _____ materials ?
- A) Soft B) Hard C) Both A & B D) None of the above
42. The substances or materials completely dissolve in water, are called _____ materials ?
- A) Hard B) Soluble C) Soft D) Insoluble
43. _____ is soluble in water ?
- A) Salt B) Wood C) Sand D) Plastic
44. _____ is a transparent material ?
- A) Iron B) Cotton C) Glass D) Gold
45. Fibre is obtained from
- A) Animals B) Plants C) Both A & B D) None of these
46. Silk is obtained from
- A) Lama B) Yak C) Sheep D) Cocoon
47. Which of the following is not a good conductor of heat and electricity
- A) Silver B) Plastic C) Copper D) Iron

48. A material which does not dissolve completely into water is called
- A) Soluble B) Insoluble C) Opaque D) Translucent
49. The smallest particle of a substance
- A) Molecule B) Compound C) Both D) None of these
50. Reaction between an _____ and a _____ is known as Neutralisation
- A) Acid & Neutral B) Base & Neutral
- C) Acid & Base D) None of these

BIOLOGY

51. The process of inhaling air is called _____
- A) Expiration B) Inspiration C) Oxidation D) Reduction
52. Ribs cage expands on
- A) Inspiration B) Expiration C) Both A and B D) None of these
53. Which among the following is a parasitic plant ?
- A) Cuscuta B) Ixora C) Guava D) Grapes
54. Organisms which prepare their own food by themselves are called
- A) Heterotrophs B) Parasites C) Saprophytes D) Autotrophs
55. Which type of teeth help a human to cut the mango slice
- A) Premolar B) Incisor C) Molar D) Canine
56. Kerala Agriculture university is at
- A) Kozhikod B) Mannuthi
- C) Malappuram D) Alappuzha
57. Give an example for an organism which can respire through lungs and skin
- A) Frog B) Crow C) Dog D) Lion
58. The chewed food goes to _____ from mouth through oesophagus
- A) Lungs B) Small intestine
- C) Large intestine D) Stomach
59. Which among the following is a saprophyte ?
- A) Loranthus B) Rafflesia C) Sandal wood tree D) Mushroom
60. The movement of food through oesophagus is called
- A) Contraction B) Pulling C) Peristalsis D) Not given

61. The picture showing _____

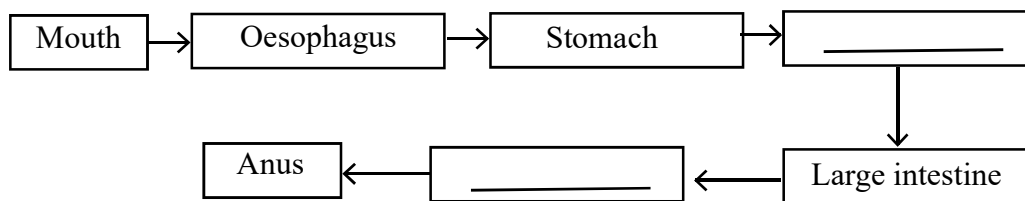


- A) root nodule B) Stem C) Flower D) Stomata

62. Which among the following is an essential component for photosynthesis ?

- A) Chlorophyll B) Mitochondria
 C) Vacuole D) Endoplasmic Reticulam

63. Complete the flow chart



- A) Small intestine, Rectum B) Liver, kidney
 C) Pancreas, spleen D) Gall bladder, Lungs

64. The process of exhaling air is called

- A) Oxidation B) Digestion
 C) Expiration D) Exudation

65. The micro organism present in the root nodule of nitrogenous plants is

- A) E-coli B) Rizhobium
 C) Pneumococus D) Spirochetes

66. Carbohydrates are made of _____

- A) Carbon, hydrogen and oxygen B) Carbon, nitrogen and oxygen
 C) Carbon and hydrogen D) Carbon, oxygen and phosphorus

67. Insect eating plants are called _____

- A) Saprophytes B) Insectivorous plants
 C) Parasites D) Heterotrophs

75. The teeth start sprouting at the age of
- A) 1 year B) 2 year C) 6 months D) 3 months

MATHEMATICS

76. What is the sum of all the angles in any triangle ?
- A) 90° B) 180° C) 270° D) 360°
77. When two positive integers are added we get
- A) Positive integer B) Negative integer
- C) some times positive, some times negative D) None of these
78. -20×-5 is equal to
- A) 100 B) -100 C) 10 D) 5
79. Today is Monday after 61 days, it will be
- A) Wednesday B) Saturday C) Tuesday D) Thursday
80. The denominator of the ration number $\frac{4}{7}$ is
- A) 7 B) 4 C) 3 D) 11
81. In a quadrilateral the angles are 40° , 120° , 10° and x° , find x ?
- A) 40° B) 120° C) 190° D) 180°
82. 0.089 m in cm is
- A) 89 B) 8.9 C) 890 D) 0.89
83. The sum of the measure of two supplementary angles is
- A) 90° B) 180° C) 360° D) None of these
84. Reciprocal of $\frac{11}{7}$ is
- A) $\frac{7}{11}$ B) 11 C) 7 D) $\frac{11}{7}$

85. $-1 \times -1 \times -1$ equals
- A) 1 B) 0 C) None of these D) -1
86. Which of the following is equal to $\frac{1}{2} + \frac{1}{3}$
- A) $\frac{1}{6}$ B) $\frac{5}{6}$ C) $\frac{7}{6}$ D) $\frac{11}{6}$
87. 0.8007×1000 is equal to
- A) 8.007 B) 8007.0 C) 0.8007 D) 800.7
88. The measure of the complement of the angle 30°
- A) 30° B) 16° C) 60° D) 160°
89. 0.35×0.2 is equal to
- A) 70.0 B) 0.7 C) 0.070 D) 7.0
90. Find the area of a rectangle whose length is 6.7 cm and breadth is 2 cm
- A) 13 cm^2 B) 13.4 cm^2 C) 13.8 cm^2 D) 14 cm^2
91. If 60% of x is 1200 then the value of x is
- A) 1000 B) 2000 C) 3000 D) 40000
92. The angles in a linear pair are
- A) Complementary B) Supplementary
C) Not adjacent angles D) Vertically opposite
93. -3×0 equals
- A) 0 B) 3 C) -3 D) 1
94. Which of the following is true ?
- A) $(-8) + (-4) > (-8) - (-4)$ B) $(-8) + (-4) < (-8) - (-4)$
C) $(-8) + (-4) = (-8) - (-4)$ D) None of the above

95. Find the mean of 0, 1, 2, 3, 4
- A) 0 B) 1 C) 2 D) 4
96. What is $\frac{53}{100}$
- A) 5300 B) 530 C) 0.53 D) None of the above
97. Convert the given fraction into mixed fraction $\frac{22}{7}$
- A) $3\frac{1}{7}$ B) $1\frac{3}{7}$ C) 0 D) $1\frac{1}{7}$
98. $\frac{11}{2} \div \frac{14}{2}$
- A) $\frac{11}{2}$ B) $\frac{14}{2}$ C) 1 D) $\frac{11}{14}$
99. $0.4 \times 0.11 \times 0.4$ equals
- A) 0.064 B) 0.64 C) 6.4 D) 64
100. Convert the following decimal number into fraction 2.34
- A) $\frac{234}{100}$ B) $\frac{234}{10}$ C) $\frac{234}{1000}$ D) 234

Name.....

Batch..... Roll No.

FOUNDATION

SCREENING MOCK TEST SERIES

Date :18-08-2024

FN24_w/TP/PCBM

P + C + B + M - KEY

Class VIII (VII Studying)

PHYSICS

1. A
2. C
3. D
4. B
5. B
6. D
7. B
8. D
9. A
10. A
11. B
12. A
13. D
14. B
15. B
16. B
17. D
18. A
19. A
20. A
21. C
22. A
23. B
24. B
25. C

CHEMISTRY

26. D
27. C
28. B
29. A
30. C
31. B
32. D
33. C
34. C
35. D
36. C
37. A
38. B
39. D
40. C
41. A
42. B
43. A
44. C
45. C
46. D
47. B
48. B
49. A
50. C

BIOLOGY

51. B
52. A
53. A
54. D
55. B
56. B
57. A
58. D
59. D
60. C
61. D
62. A
63. A
64. C
65. B
66. A
67. B
68. C
69. D
70. C
71. A
72. D
73. C
74. B
75. C

MATHEMATICS

76. B
77. A
78. A
79. B
80. A
81. C
82. B
83. B
84. A
85. D
86. B
87. D
88. C
89. C
90. B
91. B
92. B
93. A
94. B
95. C
96. C
97. A
98. D
99. A
100. A