

Name

Batch..... Roll No.

Date :21-07-2024

**FOUNDATION
SCREENING MOCK TEST SERIES**

FN24_d/TP/PCBM

PHYSICS + CHEMISTRY + BIOLOGY + MATHEMATICS

Class VI (V Studying)

PHYSICS

1. Which is the lightest state of matter
A) Solid B) Liquid C) Gas D) Ice
2. Energy is the _____ of a body to do work
A) Force B) Muscle C) Capacity D) Magnet
3. What is the SI unit of force
A) Newton B) Kg C) Metre D) Gram
4. The Blue Planet is _____
A) Mars B) Earth C) Mercury D) Venus
5. Which energy is used to cook food
A) Heat B) Sound C) Light D) Mechanical energy
6. There are _____ state of matter
A) Three B) One C) Two D) None of these
7. Water, milk and juice are examples of
A) Solid B) Liquid C) Gas D) All of these
8. To do work, we need
A) Force B) Energy C) Hand D) Muscles
9. Which of the following planet is known as Red Planet
A) Earth B) Saturn C) Venus D) Mars

21. The ability to do work is called _____
- A) Force B) Energy C) Work D) Battery'
22. Which among the following is a bad conductor of electricity
- A) Steel B) Copper C) Wood D) Gold
23. Which process is the opposite of evaporation
- A) Melting B) Freezing C) Condensation D) Boiling
24. Electric gadget work because of _____ energy
- A) Electrical B) Sound C) Light D) None of these
25. Solar cookers, solar heater and solar panels use energy of the
- A) Electricity B) Light C) Sun D) All of these

CHEMISTRY

26. There are _____ states of matter
- A) 6 B) 3 C) 2 D) 5
27. Find out the odd one
- A) Lemon juice B) Cold milk C) Milk shake D) Ice cream
28. _____ have definite volume but no definite shape
- A) Solids B) Liquids C) Gases D) None of these
29. Which state of matter is the easiest to compress?
- A) Solid B) Liquid C) Gas D) All of these
30. _____ has neither shape nor volume
- A) Solid B) Liquid C) Gas D) All of these

31. When a gas changes into liquid, it is called
- A) Condensation B) Evaporation C) Solidification D) Melting
32. _____ have definite shape & definite volume
- A) Solid B) Liquid C) Gas D) All of these
33. A liquid can _____
- A) Flow B) Not flow C) Both D) None of these
34. Water, milk and juice are examples of
- A) Gas B) Solid C) Liquid D) Both A & B
35. Matter in a solid state has _____ volume and _____ shape
- A) Definite, indefinite B) Definite, definite
C) Indefinite, indefinite D) Indefinite, Indefinite
36. Which state of matter is normally hard?
- A) Gas B) Liquid C) Solid D) None of these
37. In which of the following particles are loosely packed
- A) Gases B) Liquids C) Solids D) Both B & C
38. Which of the following is liquid?
- A) Ice B) Milk C) Snow D) All of these
39. Rocks are the _____ form of matter
- A) Solid B) Liquid C) Gas D) Both A & B
40. A liquid has _____ definite shape
- A) No B) Quite C) Both D) None of these

41. The conversion of matter from solid state to liquid is called _____
- A) Evaporation B) Melting C) Condensation D) Freezing
42. The process by which wet clothes dry up is called _____
- A) Boiling B) Condensation C) Evaporation D) Solidification
43. Matter is made up of tiny particles called
- A) Molecules B) Gas C) Pieces D) Grains
44. Find out the odd one
- A) Wood B) Brick C) Book D) Milk
45. Which of the following is an examples of the solid state of matter?
- A) Leaves B) Flower C) Apple D) All of the above
46. Find out the odd one
- A) Nitrogen B) Oxygen C) Water D) Hydrogen
47. Choose the correct option from the following on the basis of packing of molecules
- A) Liquid > Gas > Solid B) Solid > Liquid > Gas
C) Solid > Gas > Liquid D) Gas > Solid > Liquid
48. We can melt solids by the process of _____
- A) Cooling B) Heating C) Both A & B D) None of the above
49. When we pour water from jug into a glass, what shape does it take?
- A) Shape of jug B) Shape of glass
C) Liquid has definite shape D) None of the above
50. Which is not true about solids
- A) Can flow B) Cannot be compressed
C) Have definite shapes D) Both A & C

BIOLOGY

51. Name of the bird which has eyes in the front of its head
A) Sparrow B) Owl C) Eagle D) Hen
52. The diseases cause swelling of throat region
A) Goitre B) Emphysema C) Bronchitis D) Mumps
53. Organism feeds only on plants
A) Carnivores B) Omnivores C) Herbivores D) Detritivores
54. From which part of plant can sugar cane be grown?
A) Roots B) Stem C) Leaves D) Fruits
55. The concept of vaccination was first developed by
A) Louis Pasteur B) Edward Jenner C) Alexander Fleming D) Carl Landsteniesr
56. Which is called body-building foods
A) Proteins B) Fats C) Vitamins D) Carbohydrate
57. 'Kitchen' of the plant is
A) Leaf B) Stem C) Seeds D) Root
58. Snakes move with the help of
A) Fins B) Legs C) Wings D) Scales
59. Sources of Vitamin C is
A) Milk B) Egg C) Pulses D) Lemon
60. Which of the following things are required for germination of seed
A) Water B) Soil C) Temperature D) All of these
61. Typhoid, Malaria and Chicken-pox are
A) Communicable diseases B) Deficiency diseases
C) Genetic diseases D) Non-communicable

62. A food chain always starts from a
A) Green plants B) Animals C) Decomposers D) None of these
63. Which of the following is an edible modified root?
A) Potato B) Sweet potato C) Turmeric D) Mirabilis
64. Which of the following causes influenza
A) Bacteria B) Virus C) Protozoa D) Fungi
65. Seeds used as 'oil'
A) Mustard B) Orchid C) Green-gram D) Dal
66. Which of the following diseases spreads through contaminated food and water
A) Dengue B) Filariasis C) Hepatitis D) Cholera
67. Rabbit, cow and goats are
A) Primary consumer B) Secondary consumer
C) Products D) Scavengers
68. Which spice is called black-gold?
A) Black pepper B) Cardamom C) Turmeric D) Saffron
69. Which of the following animal can find its food through echo location
A) Tiger B) Ant C) Bat D) Monkey
70. Animals that hunt other animals to eat are
A) Omnivores B) Herbivore C) Predators D) Prey
71. Ants move in a line because of their sense of
A) Sight B) Smell C) Taste D) Hearing
72. Which is the 'first' National Park of India
A) Gir National Park B) Jim Corbet National Park
C) Kaziranga National Park D) Kanha National Park

73. Name the process by which plants prepare their own food
- A) Photosynthesis B) Respiration C) Transpiration D) Assimilation
74. International year of 'pulses'
- A) 2016 B) 2015 C) 2018 D) 2017
75. Hanging roots/prop roots present in
- A) Mango tree B) Fig - tree C) Banyan tree D) Guava tree

MATHEMATICS

76. Place value of 5 in 23158
- A) 500 B) 5 C) 50 D) 10
77. Greatest five digit number using the digits 7, 1, 0, 9, 8 is
- A) 98710 B) 79810 C) 87109 D) 97810
78. What is the remainder when 25 is divided by 3?
- A) 0 B) 3 C) 2 D) 1
79. $500 \div 10 = \underline{\hspace{2cm}}$
- A) 5 B) 50 C) 500 D) 1
80. Which is the largest four digit number?
- A) 1000 B) 1999 C) 9000 D) 9999
81. Factors of 6 are?
- A) 2, 3 B) 1, 2 C) 4, 5 D) 3, 5
82. The number divisible by 2 is
- A) 188 B) 183 C) 381 D) 851
83. _____ is neither composite number nor prime number
- A) 2 B) 0 C) 3 D) 1

84. The successor of 5799
- A) 5789 B) 6000 C) 5800 D) 5798
85. HCF of 3 and 4 is
- A) 3 B) 1 C) 12 D) 4
86. How many minutes are there in 2 hours
- A) 30 B) 60 C) 15 D) 120
87. $348 \div \underline{\quad ? \quad} = 1$
- A) 348 B) 1 C) 0 D) 100
88. Five lakh thirty three thousand six hundred fifty four can be written as
- A) 503654 B) 533654 C) 533054 D) 530654
89. 6 km 600 m is
- A) 6000 m B) 6060 m C) 660 m D) 6600 m
90. HCF of two prime numbers is ?
- A) 2 B) 0 C) 1 D) 3
91. The numbers which have exactly 2 factors are called _____ numbers
- A) Composite number B) Whole number C) Prime number D) Integer
92. The smallest five digit number is
- A) 90000 B) 99999 C) 10001 D) 10000
93. Largest factor of 25 is
- A) 1 B) 25 C) 5 D) 2
94. The cost of a book is ₹ 25. What is the cost of 10 such books?
- A) 25 B) 100 C) 250 D) 500

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P + C + B + M - KEY

Class VI (V Studying)

PHYSICS

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

CHEMISTRY

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

BIOLOGY

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

MATHEMATICS

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