

Class : 9

Register
Number

9 1 4 2

THIRD MID TERM TEST - 2024**SCIENCE**

Time Allowed : 1.30 Hours]

[Max. Marks : 50

PART - I

I. Choose the correct answer.

10x1=10

1. SI unit of Temperature is
(a) Fahrenheit (b) Joule (c) Celsius (d) Kelvin
2. A device in which the loss of heat due to conduction, Convection and Radiation is minimized is
(a) Solar Cell (b) Solar Cooker (c) Thermometer (d) Thermos Flask
3. The sound waves travel faster.
(a) In liquids (b) In gases (c) In solids (d) In Vacuum
4. The maximum speed of Vibrations which produces audible sound will be in
(a) Sea water (b) Ground glass (c) Dry air (d) Human blood
5. Who proposed the Heliocentric model of the Universe?
(a) Tycho Brahe (b) Nicolaus Copernicus
(c) Ptolemy (d) Archimedes
6. The legal measures to prevent Plastic Pollution come under the _____ Protection Act 1988.
(a) Forest (b) Wild Life (c) Environment (d) Human Rights
7. The Antibiotic Penicillin is obtained from _____
(a) Plant (b) Micro Organism (c) Animal (d) Sunlight
8. Which one of the following is not an Exotic breed of Cow?
(a) Jersey (b) Holstein - Friesian (c) Sahiwal (d) Brown Swiss
9. Drones in the Honey bee colony are formed from _____
(a) Unfertilized Egg (b) Fertilized Egg (c) Parthenogenesis (d) Both b and c
10. Which one of the following is an Italian Species of Honey bee?
(a) Apis Mellifera (b) Apis Dorsata (c) Apis Florea (d) Apis Cerana

V(9/Sci/1

PART - II

II. Answer any Five questions (Q.No. 14 is compulsory)

5x2=10

11. Define Conduction.
12. How does the sound produced by a vibrating object in a medium reach your ears?
13. What is meant by Supersonic Speed?
14. What is a Satellite? What are the two types of Satellites?
15. Write all Possible Isomers of C_2H_6O .
16. i) _____ is a preservative in Honey.
ii) The largest member in a Honey bee hive is the _____
17. Mention any two Mushroom Preservation methods.

PART - III

III. Write any Four question only.

4x4=16

18. What are the ways in which the Transfer of Heat takes place?
19. Verify experimentally the laws of reflection of Sound.
20. i) Turning Fork - The point where density of air is maximum ³
ii) Sound - The sound whose frequency is greater than 20,000 HZ ⁴
iii) Compressions - Longitudinal wave ²
iv) Ultrasonic - Production of Sound ¹
21. Define Allotropy?
22. What is Adaptation?
23. What are the uses of Recycled Water?

PART - IV

IV. Answer any Two questions:

2x7=14

24. a) List the application of Sound?

(OR)

b) State Kepler's Laws.

25. a) Tabulate the Radio Isotope in Diagnosis and Treatment.

(OR)

- b) What are the sources of Organic Resources for Vermi Composting?

V/9/Sci/2