

THIRD MID TERM TEST - 2025**Standard - IX****Time: 1.30 hrs****SCIENCE****Marks:50****Part - A****I Choose the correct answer:****10x1=10**

1. Calorie is the unit of
a) heat b) work c) temperature d) food
2. S.I unit of temperature is _____
a) Fahrenheit b) Joule c) Celsius d) Kelvin
3. The maximum speed of vibrations which produces audible sound will be in _____
a) sea water b) ground glass c) dry air d) human blood
4. The sound waves travel faster _____
a) in liquids b) in gases c) in solids d) in vacuum
5. Graphene is one atom thick layer of carbon obtained from
a) diamond b) fullerene c) graphite d) gas carbon
6. The legal measures to prevent plastic pollution come under the _____ Protection Act 1988.
a) Forest b) Wildlife c) Environment d) Human rights
7. Which one of the following is not an exotic breed of cow?
a) Jersey b) Holstein-Friesian c) Sahiwal d) Brown Swiss
8. Drones in the honey bee colony are formed from
a) unfertilized egg b) fertilized egg
c) parthenogenesis d) both b and c
9. _____ is the method of growing plants without soil.
a) Horticulture b) Hydroponics c) Pomology d) None of these
10. The plant body of mushroom is
a) Spawn b) Mycelium c) Leaf d) All of these

(2)

IX Science

Part - B

II Give short answer: (Any 5)

5x2=10

11. Define conduction.
12. How does the water kept in an earthen pot remain cool?
13. What is meant by supersonic speed?
14. Write all possible isomers of C_2H_6O .
15. Differentiate between Farmyard manure and Sheep manure.
16. What are the types of vegetable garden?
17. What is Apiculture?

Part - C

III Give brief answer (Any 4):

4x4=16

18. a) Why do people prefer wearing white clothes during summer?
b) Define thermal capacity.
19. Explain how does SONAR work?
20. Differentiate graphite and diamond.
21. Differentiate Exotic breed and Indigenous breed.
22. List the medicinal importance of honey.
23. Enumerate the advantage of hydroponics.

Part - D

IV Detailed Answer (Any 2):

2x7=14

24. What are the changes of state in water? Explain.
25. a) Match the following.

| | | | |
|------------|---|-------------|---|
| Alkyne | - | Bucky Ball | 3 |
| Andre Geim | - | Oxidation | 5 |
| C60 | - | Graphene | 2 |
| Thermocol | - | Triple bond | 1 |
| Combution | - | Polystyrene | 4 |
- b) What is catenation?
26. Give an account of different types of fish ponds used for rearing fishes.

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