

THIRD MID TERM TEST - 2023

Standard - IX

Time : 1.30 hrs

SCIENCE

Marks: 50

Part - I

Choose the best answer:-

10×1=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 as
 a) Solar Cell
 b) Solar Cooker
 c) Thermometer
 d) Thermosflask
- 3) The maximum speed of vibrations which produces audible sound will be in
 a) Sea Water
 b) Ground glass
 c) dry air
 d) in vacuum
- 4) The sound waves travel faster
 a) in liquids
 b) in gases
 c) in solids
 d) in vacuum
- 5) Plastics made of PC and ABS are made of resin code _____
 a) 2
 b) 5
 c) 6
 d) 7
- 6) The legal measures to prevent plastic Protection Act 1988
 a) Forest
 b) Wildlife
 c) Environment
 d) Human rights
- 7) The antibiotic Pencillin is obtained from _____
 a) Plant
 b) microorganism
 c) animal
 d) Sunlight
- 8) The age of dead animals can be found by using an isotope of
 a) Carbon
 b) Iodine
 c) Phosphorus
 d) Oxygen
- 9) The production and management of fish is called
 a) Pisci culture
 b) Sericulture
 c) Aqua culture
 d) Monoculture
- 10) _____ is an high milk yielding variety of Cow
 a) Holstein-Friesian
 b) Dorset
 c) Sahiwal
 d) Red Sindhi

(2)

IX SCIENCE

Part - II

Give Short Answer:- (Any 5)

5×2=10

11) Assertion and Reasons Type:

Mark the correct choice.

a) Both assertion and Reason are true.

b) Assertion is true and Reason is false.

Assertion: Food can be cooked faster in vessels with copper bottom.

Reason: Copper is the best conductor of heat.

12) Why do people prefer wearing white clothes during summer?

13) Through which medium sound travels faster? Iron (or) Water. Give reason

14) Differentiate between graphite and diamond.

15) What is Radio Carbon dating?

16) Fill ups:-

a) Quinine drug is obtained from _____

b) _____ is a preservative in honey.

17) Yes (or) No:-

a) Mycorrhiza is an algae.

b) Milch animals are used in agriculture and transport.

Part - III

Give Brief answer:- (Any 4)

4×4=16

18) a) Define Conduction.

b) How does the Water kept in an earthen Pot remain cool?

19) Mention 4 applications of ultrasonic waves.

20) Write all possible isomers of C_4H_{10} .

21) Match

a) antipyretic - Large surface area.

b) Corrosion prevention - Iodine 131

c) Hyperthyroidism - Fever

d) Nanoparticle - Body Building

e) Protein - Electroplating

22) List the medicinal importance of honey.

Part - IV

Give Detailed Answer:- (Any 2)

2×7=14

23) Explain Convection in daily life.

24) Name the three Safer resin codes of Plastics and describe their features.

25) Give an account of different types of fish ponds used for rearing fishes.
