

US-MC

8S-M3B

## Third Mid Term Test - 2025

Roll No: 14

Standard VIII

## SCIENCE

Time : 1.30 hrs.

Marks : 50

## Section - I

I. Note : i) Answer all the questions.

ii) Choose the correct answer.

10x1=10

1. The shape of the Earth's magnetic field resembles that of an imaginary .....

- a) U - shaped magnet
- b) Staright conductor carrying current
- c) Solenoid coil
- d) Bar magnet

2. A compass is used for

- a) plotting magnetic lines
- b) detection of magnetic field
- c) navigation
- d) all of these

3. .... is called as Red planet.

- a) Mercury
- b) Venus
- c) Earth
- d) Mars

4. Cryogenic fuels are stored at

- a) room temperature
- b) low temperature
- c) very low temperature
- d) very high temperature

5. The unit of calorific value of fuel is

- a)  $\text{KJmol}^{-1}$
- b)  $\text{KJg}^{-1}$
- c)  $\text{KJkg}^{-1}$
- d)  $\text{Jkg}^{-1}$

6. The main component of natural gas is .....

- a) methane
- b) ethane
- c) propane
- d) butane

7. Organism that control insects and pests of plant crop is  
 a) bio - pesticides                      b) bio - fertilizers  
 c) earthworms                              d) neem leaves
8. The process of placing seeds in the soil is called as  
 a) ploughing                                b) sowing  
 c) crop production                        d) crop rotation
9. The plants found in a particular area are known as .....  
 a) fauna                                      b) flora                                      c) endemic                                      d) rare
10. Wildlife Protection Act was implemented in  
 a) 1986                                      b) 1972                                      c) 1973                                      d) 1971

II. Fill in the blanks:

5x1=5

11. .... are used to lift heavy iron pieces.
12. Mars revolves around the sun once in ..... days.
13. Heating coal in the absence of air is called .....
14. .... centres serve as the ultimate link between ICAR and farmers.
15. WWF stands for .....

Section - II

III. Note : i) Short questions.

ii) Answer any ten questions.

10x2=20

16. Distinguish between natural and artificial magnets.
17. Earth acts as a huge bar magnet. Why? Give reasons.
18. Define galaxy.
19. List out the objectives of Mangalyaan.
20. What do you mean by catenation?

21. Anthracite is known as the highest grade coal. Give reason.
22. Solar energy is a non depleting energy. Justify.
23. What is foliar spray?
24. What do you mean by weeding?
25. What is tissue culture?
26. Name two endangered animals.
27. What do you understand by the term biomagnification?

Section - III

IV. Note : i) Answer in detail.

ii) Answer any one question from each part.

3x5=15

Part - I

28. a) List out the uses of magnets.  
 (OR)  
 b) What are the achievements of Chandrayaan - 1?

Part - II

29. a) Explain the different types of coal.  
 (OR)  
 b) Explain the agricultural practices.

Part - III

30. a) Give a detailed account on irrigation.  
 (OR)  
 b) What is deforestation? Explain the causes and effects of deforestation.

