

Class : 8Register
Number**THIRD MID TERM EXAMINATION - 2025**

Time Allowed : 1.30 Hours]

SCIENCE

[Max. Marks : 50

1. Choose the correct answer.

15x1=15

1. A compass is used for -----
(a) Plotting magnetic lines (b) detection of magnetic field
(c) Navigation (d) All of these
2. A magnet attracts -----
(a) Wooden materials (b) Any metal (c) Copper (d) Iron and steel
3. MRI stands for -----
(a) Magnetic Resonance Imaging (b) Magnetic Running Image
(c) Magnetic Radio Imaging (d) Magnetic Redar Imaging
4. ----- is called as Red Planet.
(a) Mercury (b) Venus (c) Earth (d) Mars
5. Which of the following is the working principle of Rockets?
(a) Newton's first law (b) Newton's second law
(c) Newton's third law (d) All the above
6. Mangalyaan was sent to -----
(a) Moon (b) Mars (c) Venus (d) Mercury
7. ----- is the coal of superior quality.
(a) Peat (b) Lignite (c) Bituminous (d) Anthracite
8. ----- was the first manned mission of NASA to go to the moon.
(a) Apollo -5 (b) Apollo - 8 (c) Apollo -10 (d) Apollo -11
9. Which is know as syn gas?
(a) Marsh gas (b) Water gas (c) producer gas (d) Coal gas
10. ----- is obtained by the fermentation of cowdung in the absence of air.
(a) coal gas (b) gobar gas (c) bio gas (d) water gas
11. The main component of natural gas is -----
(a) Methane (b) ethane (c) propane (d) Butane
12. The process of placing seeds in the soil is called as -----
(a) Ploughing (b) Sowing (c) crop production (d) crop rotation
13. ----- is one of the example for kharif crop.
(a) Paddy (b) Wheat (c) Cucumber (d) Croton
14. The method in which water flow's over the soil surface and allow it to infiltrate is -----
(a) irrigation (b) surface irrigation (c) springler irrigation (d) drip irrigation
15. Which of the following is not present in panchagavya?
(a) cow dung (b) cow's urine (c) curd (d) Sugar

TPR / 8 / Scl / 1

II. Answer the following question: (Any 10)

10x2=20

16. Distinguish between natural and artificial magnets.
17. Define magnetic field.
18. Define galaxy.
19. Fill in the blanks:
 - i) A magnet has ----- magnetic poles.
 - ii) ----- are used to lift heavy iron pieces.
20. What are cryogenic fuels.
21. Say true or false. If false, correct the statement.
 - i) Chandrayaan -1 was launched from sriharikota.
 - ii) PSLV and GSLV are India's popular satellites.
22. Match the following.
 - i) Octane rating - Diesel
 - ii) Cetane rating - Methane
 - iii) Simplest hydrocarbon- Brown in colour
 - iv) Lignite - Petrol
23. What do you mean by cetanation?
24. Fill up:
 - i) ----- seeds transfer their unique characteristics to the descents.
 - ii) ----- centers serve as the ultimate link between ICAR and farmers.
25. Distinguish between octane number and catane number.
26. Name the places in Tamilnadu harnessing wind energy from wind mills.
27. What is green manure?
28. Name the methods of sowing.
29. What do you mean by weeding?

III. Answer in detail.

3x5=15

30. a) What are the achievements of chandrayaan - 1? (OR)
- b) List out the uses of magnets.
31. a) Explain the different types of coal. (OR)
- b) Mention the advantages of natural gas.
32. a) i) Give a brief account on Krishi Vigyan kendra.
- ii) Match the following.
 - a) Bio - pesticide - Neem leaves
 - b) Bio - predators - Bacillus thuringiensis
 - c) Bio - fertiliser - Control white flies
 - d) Bio - Indicators - Improve soil fertility
 - e) Bio - repellants - Quality of environment
- (OR)
- b) Explain the agricultural practices.

TPR / 8 / Sci / 2