



Standard 8 SCIENCE

Time: 1.30 Hrs.

Marks: 50

10×1=10**I. Choose the correct answer:**

- 1) A magnet attracts _____.
a) wooden materials b) any metal
c) copper d) Iron and Steel
- 2) MRI stands for _____.
a) Magnetic Resonance Imaging b) Magnetic Running Image
c) Magnetic Radar Imaging d) Magnetic Radio Imaging
- 3) Which of the following is a celestial body?
a) Sun b) Moon c) Stars d) All the above
- 4) Chandrayan - I was launched on _____.
a) 22nd October 2008 b) 8th November 2008
c) 22nd July 2019 d) 22nd October 2019
- 5) _____ is called as Red planet.
a) Mercury b) Venus c) Earth d) Mars
- 6) The main component of natural gas is _____.
a) methane b) ethane c) propane d) butane
- 7) The chemical mixed with LPG that helps in the detection of its leakage is _____.
a) methanol b) ethanol c) camphor d) mercapton
- 8) Organism that control insects and pests of plant crops is _____.
a) bio-pesticides b) bio-fertilizers
c) earth worms d) neem leaves
- 9) Which of the following is not present in Panchagavya?
a) Cow dung b) Cow's urine c) Curd d) Sugar
- 10) _____ was the first manned mission of NASA to go to the moon.
a) Apollo - 5 b) Apollo - 8 c) Apollo - 10 d) Apollo - 11

II. Fill in the blanks:**5×1=5**

- 1) _____ are used to lift heavy iron pieces.
- 2) _____ was the first man to walk on the surface of the moon.
- 3) An example for fossil fuel is _____.
- 4) Producer gas is a mixture of _____ and _____.
- 5) _____ centers serve as the ultimate line between ICAR and farmers.

III. A) State true or false. If false correct the statement:**2×1=2**

- 1) PSLV and GSLV are India's popular satellites.
- 2) The sun and the celestial bodies form solar system.

B] Consider the statements given below and choose the correct option:

2×1=2

- 1) **Assertion** : Iron filings are concentrated more at the magnetic poles.
Reason : The magnets are so sharp.
 - 2) **Assertion** : The Earth's magnetic field is due to iron present in its core.
Reason : At a high temperature a magnet loses its magnetic property.
- a) Both assertion and reason are true and reason is the correct explanation of assertion.
 - b) Both assertion and reason are true, but reason is not the correct explanation of assertion.
 - c) Assertion is true, but reason is false.
 - d) Assertion is false, but reason is true.

C] Match the followings:

5×1=5

- | A | B |
|------------------|------------------------|
| 1) Magnetite | - Diamagnetic material |
| 2) Bismuth | - Fuel |
| 3) Cryogenic | - Natural magnet |
| 4) Bio pesticide | - Control white flies |
| 5) Bio predators | - Neem leaves |

IV. Answer any eight for the following question:

8×2=16

- 1) Name the methods of sowing.
- 2) What is crop rotation?
- 3) Mention the advantages of natural gases.
- 4) What do you mean by catenation?
- 5) Expand CNG. List out its uses.
- 6) What is artificial magnet? Give examples.
- 7) Distinguish between natural and artificial magnets.
- 8) What are celestial objects?
- 9) What are cryogenic fuels?
- 10) Define Galaxy.
- 11) What is green manure?
- 12) Define magnetic field.

V. Answer any two in detail:

2×5=10

- 1) List out the uses of magnet.
- 2) Explain the different types of fuel gases.
- 3) Give a detailed account on irrigation.