

## Test-2

Time: 1hr 30min

Marks: 15M

1. Explain how solar and lunar eclipses occur.
2. What are tides? Use a diagram to explain how tides are caused.
3. Why does the sun not play a major role in causing tides? At which times does the pull of the sun make a significant difference to high-tide levels?
4. What are dwarf planets? Name one that was earlier classified as a planet.
5. Explain the terms 'meteoroids,' 'meteors,' and 'meteorites.'
6. What are artificial satellites? Write about any three uses of such satellites.
7. Which conditions make Earth suitable for the existence of life?
8. How are planets classified based on their characteristics? Explain with examples.

## Encouraging Inquisitive Learning

9. What is the role of gravity in maintaining the structure of the solar system?
10. Describe the water cycle on Earth and its importance for sustaining life.