



1. Which of the following is NOT a member of the solar system?

- (a) An asteroid
- (b) A satellite
- (c) A constellation
- (d) A comet

Answer: (c) A constellation

2. Which of the following is NOT a planet of the sun?

- (a) Sirius
- (b) Mercury
- (c) Saturn
- (d) Earth

Answer: (a) Sirius

3. *Phases of the moon occur because*

- (a) we can see only that part of the moon which reflects light towards us.
- (b) our distance from the moon keeps changing.
- (c) the shadow of the Earth covers only a part of the moon's surface.
- (d) the thickness of the moon's atmosphere is not constant.

Answer: (a) we can see only that part of the moon which reflects light towards us.

4. Fill in the blanks:

- (a) The planet which is farthest from the sun is _____.
- (b) The planet which appears reddish in colour is _____.
- (c) A group of stars that appear to form a pattern in the sky is known as a _____.
- (d) A celestial body that revolves around a planet is known as a _____.
- (e) Shooting stars are actually not _____.
- (f) Asteroids are found between the orbits of _____ and _____.

Answer:

- (a) The planet which is farthest from the sun is Neptune.
- (b) The planet which appears reddish in colour is Mars.
- (c) A group of stars that appear to form a pattern in the sky is known as a constellation.
- (d) A celestial body that revolves around a planet is known as a satellite.
- (e) Shooting stars are actually not stars.
- (f) Asteroids are found between the orbits of Mars and Jupiter.

5. Mark the following statement as true (T) or false (F).

- (a) Pole star is a member of the solar system. (False)
- (b) Mercury is the smallest planet of the solar system. (True)
- (c) Uranus is the farthest planet in the solar system. (False)
- (d) INSAT is an artificial satellite. (True)
- (e) There are nine planets in the solar system. (False)
- (f) Constellation Orion can be seen only with a telescope. (False)

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