

Name: _____ Date: _____

Stars and Solar System

Q1. Which star always remains in the same position in the sky in the north?

Ans. _____

Q2. Which unit is used to measure the distance between celestial bodies?

Ans. _____

Q3. What causes day and night on earth?

Ans. _____

Q4. What time of year is the constellation Orion visible?

Ans. _____

Q5. How will our Earth look when seen from a space and why?

Ans. _____

Q6. What causes the change in seasons?

Ans. _____

Stars and Solar System

Q1. Which star always remains in the same position in the sky in the north?

Ans. The pole star is the star which remains in the same position in the sky in the north.

Q2. Which unit is used to measure the distance between celestial bodies?

Ans. Light year is the unit used to measure the distance between the various celestial bodies.

Q3. What causes day and night on earth?

Ans. The change between day and night is caused by the rotation of the Earth on its axis.

Q4. What time of year is the constellation Orion visible?

Ans. Orion is well-known constellation that can be seen during winter in the late evenings.

Q5. How will our Earth look when seen from a space and why?

Ans. From space, the Earth appears blue-green due to the reflection of light from water and landmass on its surface.

Q6. What causes the change in seasons?

Ans. The axis of rotation of the Earth is not perpendicular to the plane of its orbit. The tilt is responsible for the change of seasons on the Earth.