

Chapter No 10

SOLAR SYSTEM AND BEYOND

Choose the correct option among the following

- 1) Earth's _____ is the path it takes during it's revolution.
 - a) Moon
 - b) Weather
 - c) Orbit
 - d) North pole
- 2) When the sun does rises highest in the sky in the Northern Hemisphere.
 - a) March
 - b) June
 - c) September
 - d) December
- 3) The process takes Earth 24 hours to complete.
 - a) Rotation
 - b) Revolution
 - c) Shadow
 - d) Season
- 4) How much time passes between New moon and Full Moon.
 - a) 1 Day
 - b) 1 Week
 - c) 2 Week
 - d) 3 Week
- 5) The main cause of many crater on the Moon is
 - a) Meteoroids striking on the Moon
 - b) Earthquakes on the Moon
 - c) Landslides on the Moon
 - d) Flooding on the Moon
- 6) The largest planet in the Solar system is
 - a) Mars
 - b) Jupiter
 - c) Saturn
 - d) Earth

- 7) Planets are
- a) Anything in space
 - b) Asteroids
 - c) Round objects in space
 - d) Self glowing stars
- 8) Solar system is made up of
- a) Planets
 - b) Moons
 - c) Other objects
 - d) All of above orbiting Sun.
- 9) An object mixed with ice and dust forming a tail of gas called
- a) Asteroids
 - b) Comets
 - c) Meteoroids
 - d) Planets
- 10) The farthest planet in the Solar system is,
- a) Uranus
 - b) Neptune
 - c) Saturn
 - d) Jupiter
- 11) Following is the Rocky planet
- a) Jupiter
 - b) Venus
 - c) Saturn
 - d) Uranus
- 12) Following is the Gas giant
- a) Jupiter
 - b) Venus
 - c) Mars
 - d) Earth
- 13) To learn about the solar system
- a) Large machines
 - b) Telescope
 - c) Microscope
 - d) Airplanes

- 14) Number of other planets are
- a) 1
 - b) 2
 - c) 3
 - d) 4
- 15) Second largest planet in the solar system is
- a) Jupiter
 - b) Saturn
 - c) Earth
 - d) Uranus

Answer the following question

- 1) Why does it seem that sun is moving?
- 2) What causes Earth's cycle of day and night?
- 3) What causes the seasons?
- 4) How does the Sun's apparent path change over the year?
- 5) What can we learn about the Moon?
- 6) Why does the Moon shine?
- 7) Why do people going to moon have to wear space suit?
- 8) How the Moon's first quarter phase is like its third quarter phase?
- 9) What is an Eclipse?
- 10) What role does the Moon play in each eclipse?
- 11) Why is it safe to observe the Lunar eclipse?
- 12) How do the planets move in the solar system?
- 13) Define satellite.
- 14) What is the solar system?
- 15) How has the technology that is used for learning about space changed over time?
- 16) Name and describe the Rocky planets.
- 17) What are other planets?
- 18) Could Human live on Gas giant? Explain.
- 19) What else is there in our solar system?
- 20) How do planets compare with asteroids and Comets?