

HOT QUESTIONS FROM STARS & SOLAR SYSTEM

Very Short Answer Type

1. Name the planet nearest to the Sun.
2. What is the speed of light?
3. Which is the brightest planet in the night sky?
4. Name the star which is nearest to our solar system.
5. Which planets do not have satellite of their own?
6. How many planets are there in our solar system?
7. Which planet is called Red planet?
8. Why Earth appears blue from space?
9. What is the other name of Orion?
10. Which planet is least dense among all?
11. Do stars emit light only during night time?
12. Name the unit which is used to measure astronomical distances?
13. What is asteroid?
14. Which is the other name of constellation Great Bear?
15. What is Sun?

Short Answer Type Questions

1. What are meteors?
2. What is a satellite?

3. What is artificial satellite? Give examples.
4. What are meteorites?
5. What are comets?
6. Define phases of Moon.
7. What are celestial objects?
8. What are planets?
9. Why the Sun is also called as star?

Long Answer Type Questions

1. What is the solar system? Explain.
2. What makes life possible on planet Earth?
3. Differentiate between the following:
 - (a) Star and planet
 - (b) Asteroid and comet
 - (c) Meteoroid and comet
 - (d) Galaxy and constellation
4. Write few lines about every planet of the solar system.
5. Explain why do we see phases of moon.
6. What is constellations? Name and explain some major constellations.

Extra Questions

1. A star is ten light years away from the Earth. Suppose it brightens up suddenly today. After how much time shall we see this change?
2. Why meteors are not visible during daytime?

3. If the moon emits light of its own, then would it still have phases?
4. Why do we always see the same side of moon?
5. If the distance between Earth and Sun becomes half of its present distance, what is likely to happen to life? Justify your answer.

Value Based Questions

1. Most people blame stars and planets in their horoscope for being unsuccessful in their lives. Rohan is one of them. He believes that positioning of Saturn in wrong place in his horoscope is the reason of his bad performance in studies.

- (a) What are the heavenly bodies?
- (b) Do you really think that these heavenly bodies play an important role in our failure or success?
- (c) Have you ever heard these kinds of things regarding your failure, success or before doing any auspicious work? From whom?
- (d) What value of Rohan is shown here?