

Q.1 the following questions briefly.

(a) How does a Planet differ from a star?

Ans. Difference between stars and Planets:-

STAR

PLANETS

- | | |
|--|--|
| (1) They emit their own Light and heat | • They don't emit their own Light and heat |
| (2) They don't revolve around any celestial bodies | • They Revolve around Stars. |
| (3) They are Generally bigger than Planets | • They are Generally smaller than Stars. |
| (4) They Twinkles at night | • They do not Twinkle at Night |

(b) what is meant by the 'Solar System'?

Ans. Solar system refers to the "Family of Sun". It is the system formed by the influence of a star ~~exp.~~ ~~sun~~ sun around which planets and celestial bodies revolve.

(c) Name all the Planets according to their distance from the sun.

Ans. Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune.

(d) why is the Earth called a Unique Planet?

Ans. Earth also termed as Blue Planet. 5th largest planet of solar system is unique. it is the only planet where life exist as it has life supporting substances like water, oxygen etc. It has its own Atmosphere.

(e) Why do we see only one side of the moon always?

Ans. Moon the largest satellite of Earth has a revolving period of 27 days on its orbit which is as same as it revolves around the Earth. Therefore only one side of Earth is visible to us.

(f) What is the universe?

Ans. The Universe is a system which comprises millions of galaxies, planets, satellites, black hole and various heavenly bodies. It is always expanding in a quasi-static manner. It doesn't have a boundary.

2 Tick the correct answer —

- Ans. (i) Venus
(ii) Earth
(iii) Elongated path
(iv) North
(v) Mars and Jupiter

3 Fill in the blanks.

- (a) Stars, Constellation.
(b) galaxy
(c) The moon
(d) Earth
(e) heat, Light