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Class: V

Sub.tec: Naina paswan

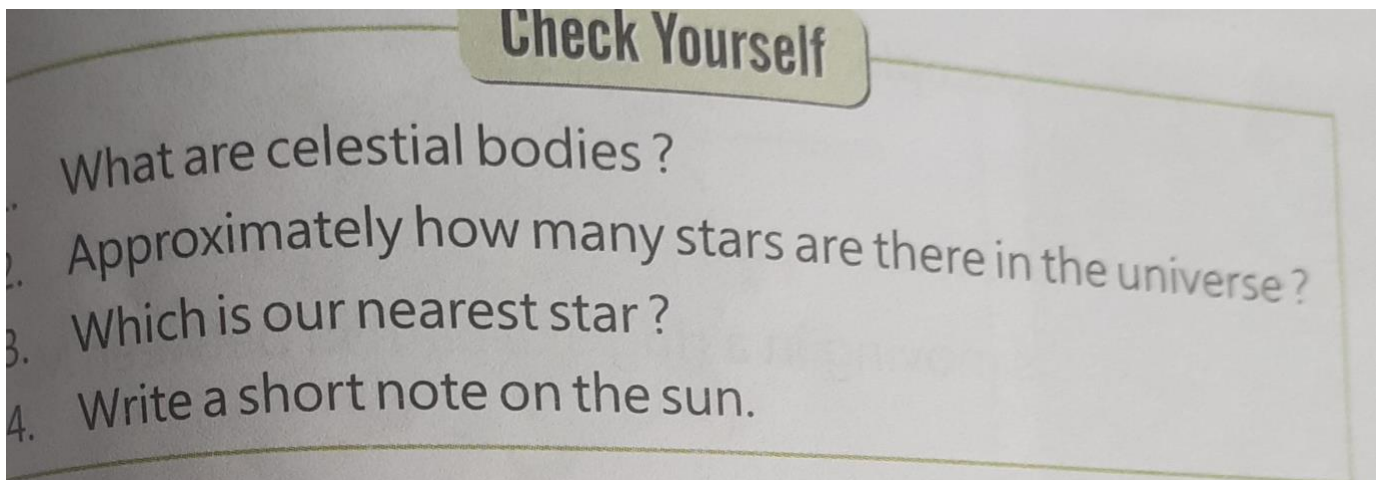
Subject: SCIENCE

Date : 19/12/21(Sunday)

BASED ON N.C.E.R.T PATTERN

LESSON: 14 HEAVENLY BODIES

CHECK YOURSELF: PAGE =121



ANSWERS :

Ans 1. A celestial body is any natural body outside of the Earth's atmosphere. Easy examples are the Moon, Sun, and the other planets of our solar system. ... The Kuiper belt contains many celestial bodies. Any asteroid in space is a celestial body.

Ans 2. There are approximately 200 billion trillion stars in the universe.

Ans 3. Proxima Centauri is the closest star to the solar system, at just 4.25 light years away, and we know that it has a planet roughly the same size as Earth called Proxima b.

Ans 4. The Sun is a star which is located at the center of our solar system. It is a yellow dwarf star that gives off different types of energy such as infra-red energy (heat), ultraviolet light, radio waves and light. It also gives off a stream of particles, which reaches Earth as "solar wind".

CHECK YOURSELF: PAGE = 122

Check Yourself

1. What is a galaxy ?
2. Name our galaxy.
3. What do you mean by a constellation. Give one example.
4. What is solar system made up of ?
5. Name our neighbouring planets ?

Ans 1. A galaxy is a huge collection of gas, dust, and billions of stars and their solar systems, all held together by gravity. We live on a planet called Earth that is part of our solar system. ... It's a small part of the Milky Way Galaxy.

Ans 2. The Milky Way gets its name from a Greek myth about the goddess Hera who sprayed milk across the sky. In other parts of the world, our galaxy goes by other names.

Ans 3. A constellation is a group of stars which make up imaginary outline or pattern in the night sky (the celestial sphere). Usually they are said to represent an animal, mythological person or

creature in a shape. ... Some examples of constellations are Ursa major, Orion, Leo, Draco, Cancer etc.

Ans 4. Our solar system is made up of a star—the Sun—eight planets, 146 moons, a bunch of comets, asteroids and space rocks, ice, and several dwarf planets, such as Pluto. The eight planets are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune.

Ans 5. Common sense would say the answer is either Mars or Venus, our next door neighbors. Of the two, Venus comes closer to the Earth than any other planet and its orbit is closest to ours. But as an article in *Physics Today* points out, over half the time Venus is not the nearest planet; Mercury is.