



INDIAN SCHOOL AL WADI AL KABIR

Class: VI	Department: SOCIAL SCIENCE	Sub: Geography
Worksheet No: 2	Topic: The Earth in the Solar System	Year: 2023-24

I	Fill in the blanks: -
1	The sun, the moon and all the objects shining in the night sky are called _____. a. Poornima b. Celestial bodies c. Stars d. New Moon
2	The different patterns formed by the groups of stars are called _____. a. Constellations b. Galaxy c. Pole Star d. Planets
3	The persons who study about the celestial bodies are known as _____. a. Astronomers b. Geologists c. Explorers d. Scientists
4	In the Solar System _____ is in the centre. a. Earth b. Sun c. Venus d. Mars
5	There are _____ planets in our solar system. a. Nine b. Eleven c. Seven d. Eight
6	The planet which is known as the "Earth's twin" is _____. (a) Jupiter (b) Saturn (c) Venus (d) Mercury
7	The planet nearest to the Sun is _____. a. Mars b. Mercury c. Neptune d. Uranus
8	Millions of galaxies make the _____. (a) Meteoroid (b) Universe (c) Asteroids (d) Constellation
II	Name the following: -
9	The biggest planet in the Solar System. Jupiter
10	The coldest planet in the Solar System. Neptune
11	The other name of the New Moon night. Amavasya.
12	They have their own heat and light, which they emit in large amounts. Stars
13	The first man landed on the moon. Neil Armstrong
14	Name the famous astronomer who stated that "the moon and the planets shine due to the reflected sunlight." Aryabhatta
III	Answer the following in one sentence: -
15	On which planet does the life exist? Earth
16	What is "Geoid"? ❖ The sphere with its ends flattened at poles is called the geoid.

17	What is the ultimate source of heat and light for the planets? Sun
18	Name the natural satellite of the Earth. Moon.
19	What is Pole Star? The North Star indicates north direction. It is also called as Pole Star.
IV	Answer in brief: -
20	Why does moon not support life? The moon does not support life due to the following reasons: <ul style="list-style-type: none"> ● Moon does not have favourable condition for life. ● There is neither water nor oxygen. ● The day time it is very hot while at night it is very cold.
21	What is a galaxy? <ul style="list-style-type: none"> ● It is a huge system of stars. ● Galaxy has millions of stars which are very close to one another. ● The white glowing path of stars across the sky is called Milky Way galaxy.
22	Give some characteristic features of the stars. <ul style="list-style-type: none"> ● Stars are very big and hot bodies. ● They are made up of various gases. ● They emit a large amount of heat and light. ● There are numerous stars which exists far away from us, that we cannot see with our naked eyes.
23	Why cannot the earth be compared to the other planets of the Solar System? The earth cannot be compared to the other planets of the Solar System because of the following reasons: <ul style="list-style-type: none"> ➤ It is only the earth which has life on it. ➤ Conditions favourable to support life are found only on the Earth. ➤ The Earth is neither too hot nor too cold. ➤ It is the only planet which has water on it. Water is very essential for our survival. ➤ It has life giving gas, oxygen. ➤ It also contains ozone layer, which protects us from harmful solar rays.
24	Write a note on human made satellites. Name some of the Indian satellites. <ul style="list-style-type: none"> ➤ Human Satellites are artificial bodies. ➤ They are designed by scientists to gather information about the universe or for communication. ➤ It is carried by a rocket and placed in the orbit around the earth. Some of the Indian satellites in space are INSAT, IRS, EDUSAT, etc.
25	Name the inner and outer planets. What are they made of? Inner Planets: Mercury, Venus, Mars and Earth. They are very close to the Sun and made up of rocks. Outer Planets: - Jupiter, Saturn, Uranus and Neptune. They are far from the Sun and are made up of gases and liquids.

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Observe the diagram carefully and answer the questions given below: -



a. Which is the smallest planet in our Solar System?

Mercury.

b. Which is the brightest planet in the night's sky?

Venus

c. Which is the largest planet?

Jupiter.

d. Which is the oldest planet in our Solar System?

Jupiter.