



# SHREE VASISHTHA VIDHYALAYA

## Science Worksheet 2024-25



Name :- \_\_\_\_\_

Std.:- V - \_\_\_\_\_

Roll No. :- \_\_\_\_\_

Worksheet No. TA-1-02

Date :- \_\_\_\_\_

### CH-7 The Moon

#### Q-1 Choose the correct option.

- The moon revolves around the \_\_\_\_\_.  
a) Sun ☐ b) ☒ Earth c) Both a and b
- If you weigh 36 kg on the earth, then you will weigh \_\_\_\_\_ kg on the moon.  
a) 72 kg ☐ b) 60 kg ☐ c) ☒ 6 kg
- The moon rotates on its axis once in \_\_\_\_\_ days.  
a) ☒ 27.3 days ☐ b) 23.7 days ☐ c) 22.7 days
- The moon is \_\_\_\_\_ km away from the earth.  
a) ☒ 4,00,000 km ☐ b) 40,000 km ☐ c) 4,000 km
- There are big and small \_\_\_\_\_ scattered all over the moon.  
a) Planets ☐ b) ☒ Craters ☐ c) Meteorites
- \_\_\_\_\_ spacecraft was landed on the moon in 1969.  
a) ☒ Apollo 11 ☐ b) Apollo 15 ☐ c) Apollo 16
- \_\_\_\_\_ was the first Indian woman to go into space.  
a) ☒ Kalpana Chawda ☐ b) Sunita Williams ☐ c) Velentine Tereshkeva
- The first Indian man who went into space was \_\_\_\_\_.  
a) ☒ Rakesh Sharma ☐ b) Angad Pratap ☐ c) Raja chari

#### Q-2 Fill in the blanks.

- The moon takes 27.3 days to complete one revolution.
- Earth pulls everything towards to itself. This pull is called gravity.
- The moon is the natural satellite.
- The craters were made by meteorites falling on the moon with an impact.
- A high tide a low tide occur almost every 12 hours.
- Lunar eclipse occurs when the earth's shadow covers the moon.
- The first man in the world who went into space was Major Yuri Gagarin.
- Total or partial darkening of a heavenly body by the shadow of another body is called eclipse.

#### Q-3 Write T for True and F for false.

- The time period of lunar month is 30 days. F
- A solar eclipse occurs on every new moon day. F
- The orbit of the moon is circular. F
- Astronomy satellites are used for military purposes. F
- Neil Armstrong went to the moon in the space craft Sputnik. F
- India launched its first satellite named Bhaskara 1 in 1975. F
- The moon passes through 12 phases. F
- Highest tides occurs on new moon and full moon days. T

#### Q-4 Match the following.

(A)

(B)

Ans:-

- |               |                                       |
|---------------|---------------------------------------|
| 1) Sputnik -1 | a) it does not have light of its own. |
| 2) Tides      | b) body revolving around a planet     |
| 3) Moon       | c) earth resource satellite           |
| 4) Satellite  | d) weather satellite                  |
| 5) Landsat    | e) first man-made satellite           |
| 6) Meteosat   | f) rise and fall of water             |

- e
- f
- a
- b
- c
- d



Q-5 Give one example:

- 1) Natural satellite moon
- 2) Artificial satellite sputnik-1, aaryabhata
- 3) Weather satellite Meteosat
- 4) Astronomy satellite IRAS

Q-6 Name the following:

- 1) India's first successful lunar mission Chandrayan-I
- 2) First Indian cosmonaut Rakesh sharma
- 3) One weather satellite Meteosat

Q:7 Give reasons for the following.

- 1) The sky looks black from the moon.

On looking from the moon the sky appears black as there is no atmosphere to scatter light.

- 2) On the moon you can not hear what your friend is saying.

As there is no atmosphere or medium for sound waves to travel, so we can not hear what our friend is saying.

- 3) If we can jump 1 metre on the earth, we can jump 6 metres in the moon.

Because moon also possesses gravity but it is only one-sixth of the earth's gravity.

- 4) Meteorites do not fall on the earth so often as they fall on the moon.

Because there is no atmosphere in the moon. Most meteorites that collide with earth burn up completely in the atmosphere due to friction.

- 5) There is no life on the moon.

There is no life on the moon due to the absence of water and air. without air and water, no plants and animals can survive.

- 6) The moon's surface is covered with many craters.

The moon has no atmosphere to provide protection as a result, meteorites strike the moon's surface directly without being slowed down burned leading to more frequent meteorites impacts. This is why the moon's surface is -----