

INTERNATIONAL INDIAN SCHOOL BURAIDAH
WORKSHEET FOR THE ACADEMIC YEAR 2024-25

Class-6th Subject : Science Date : 24/11/2024

L# 6 - The Living Organisms - Characteristics and Habitats , L# 7- Motion and Measurement of Distances

A. Fill in the blanks:

1. The habitats of plants and animals that live in water is called _____ habitat.
2. Dolphins and whales breathe in air through _____ .
3. The habitat of camel is _____ .
4. The living things such as plants and animals in a habitat are its _____ components .
5. The place where the organisms living on land is called a _____ habitat.
6. _____ is the process by which organisms breathe.
7. The surroundings where plants and animals live, is called their _____.
8. The process of getting rid of wastes by the living organisms is known as _____.
9. Cubit was a unit of measurement used in _____.
10. 1 metre = _____ cm
11. Motion in a straight line is called _____ motion.
12. _____ is the SI unit of length.
13. Motion of the blades of a fan is _____ motion.

B. Choose the correct option:

1. Motion that repeats itself after some period of time is called
a) circular motion b) rectilinear motion c) periodic motion
2. Motion of the hands of clock is an example of _____ motion.
a) periodic b) circular c) rotational

C. The question below consists of an assertion and a Reason. Use the following key to choose the appropriate answer.

- (a) Both A and R are true and R is the correct explanation of A.
- (b) Both A and R are true but R is not the correct explanation of A.
- (c) A is true but R is false.
- (d) A is false but R is true.

1. **Assertion (A)** : Any animal which adapts itself against heat and water scarcity is well suited for desert conditions.

Reason (R) : In deserts only little water is available.

2. **Assertion (A)** : Deer has strong teeth and long ears.

Reason (R) : The speed of deer helps them to run away from prey.

3. **Assertion (A)** : The plants and animals that live on land are said to live in terrestrial habitat.

Reason (R) : Ponds, rivers, lakes, etc., are examples of terrestrial habitats.

4. **Assertion (A)** : Some abiotic factors like air, water, light and heat are very important for growth of plants.

Reason (R) : Some of the above abiotic factors are important for all living organisms.

5. **Assertion (A)** : The leaves of desert plants are either absent, very small or they are present in shapes of spines.

Reason (R) : In deserts only little water is available.

6. **Assertion (A)**: Motion of moon around the earth is a circular motion.

Reason (R): In a circular motion, the distance of object from a fixed point remains the same

7. **Assertion (A)**: In ancient times bullock cart was used as a means of transport.

Reason (R): Aeroplanes were developed only in 1800 AD.

D. Answer the following questions:

1. Name the habitat of snow leopard.

2. List two components of a habitat.

3. Define: a) Rest b) Unit c) Stimuli d) Abiotic components

4. What is motion? Explain the types of motion.
