



Subject: BIOLOGY

Date:19 /06/2020

Topic: Adaptation(Recap)

Time Limit: 40 Mins

Worksheet No. 12

Children, we have completed the chapter on adaptation , While discussing several types of adaptation in this chapter we have covered topics like aquatic adaptation, desert adaptation , mountain adaptation and aerial adaptation. Please go through the notes and video link given in worksheets 9, 10, and 11 as this will help you to learn and understand the chapter well.

[Copy the questions and solve them on a sheet of paper datewise. Keep the worksheets ready in a file to be submitted on the opening day]

Q1) Fill in the blanks with correct option:-

1. The waxy coating of leaves reduces the rate of -----.(transpiration/photosynthesis)
2. The thick coat of fur protects the mountain goat from -----(cold/rain)
3. ----- of birds help them to change the direction of their flight.(wings/ beaks)
4. Mangroves are the plants that grow in ----- area.(marshy/ desert)

Q2) State if the following statements are True or False. Correct the false statement.

1. The survival of all living organisms is dependent on one another.
2. The interaction of living organisms with the abiotic component constitutes the ecosystem.
3. Habitat is an artificial environment in which living organisms can live.
4. Submerged plants have leaves that float to collect maximum sunlight.

Q3) Match the following:-

- | | |
|------------------------|----------------------|
| 1. Terrestrial habitat | a) Floating plant |
| 2. <i>Pistia</i> | b) Sandy desert |
| 3. Gills | c) Breathing roots |
| 4. Long legs | d) Exchange of gases |
| 5. Pneumatophores | e) Camel |

Q4) Give one word for the following:-

1. Plants which have thin, ribbon- like leaves. .-----
2. Roots that arise from other parts such as stems or leaves.----
3. Some plants that grow on other plants but are not parasites.-----
4. A body part of fish used for exchange of gases in water.-----
5. An elevated portion of camel's back.-----

Q5) Answer the following questions:-

- a. Give two examples of terrestrial and aquatic habitat.
- b. Differentiate between desert habitat and mountain habitat.