

Chapter 8: Adaptation

Worksheet 1

1. Write T for true and F for false statement.

- (i) Estuaries, bays, seas, etc. form freshwater habitat.
- (ii) Humidity is the physical feature of a habitat.
- (iii) Polar habitat is a terrestrial habitat.
- (iv) Water lily is a fixed-floating plant.
- (v) Whale is a fish because it has streamlined body.

2. Give one word answer.

- (i) An animal called the ship of desert
- (ii) Plants which need moderate amount of water
- (iii) The plant called water hyacinth
- (iv) Animals which are active at night
- (v) Cone-shaped plants

3. Match the following.

Column A

- (i) Xerophyte
- (ii) Pneumatic bones
- (iii) Cleft hoofs
- (iv) Air bladder
- (v) Drumstick

Column B

- (a) Aerial adaptation
- (b) Winged seeds
- (c) Buoyancy
- (d) Mountain adaptation
- (e) Cactus

4. Cross the odd one out.

- (i) Lakes, Bays, Seas, Oceans
- (ii) Sunflower, Maple, Cotton, Oak
- (iii) Woolly coat, Cloven hoofs, Hump, White woolly coat
- (iv) Long roots, Spongy stem, Spines, Cones
- (v) Wings, Feathers, Air sacs, Scales

Chapter 8: Adaptation

Worksheet 2

1. Fill in the blanks.

- (i) Leaves of desert plants are reduced to _____.
- (ii) _____ are the site of exchange of gases in fishes.
- (iii) Pine tree bears _____ instead of flowers.
- (iv) Hydrophytes are found in _____ habitat.
- (v) *Hydrilla* is a _____ aquatic plant.

2. Tick the correct answer.

- (i) Which of these is a coniferous tree?
(a) Deodar (b) Kikar (c) Cotton (d) Madar
- (ii) Which of the following is a desert adaptation?
(a) Absence of sweat glands (b) Presence of scales
(c) Presence of tail (d) Presence of beak
- (iii) Swollen petiole helps in
(a) Protecting seeds (b) Floating (c) Photosynthesis (d) Water storage
- (iv) Hump in camel is meant for
(a) Storing fat (b) Storage of water
(c) Preventing water loss (d) Protection from scorching heat
- (v) Which of these is a fixed-floating aquatic plant?
(a) Lotus (b) *Vallisneria* (c) Water lettuce (d) Water hyacinth

3. Answer the following questions.

- (i) Why is the stem of *Opuntia* green, spongy and succulent?
- (ii) Why is the body of fish covered with scales?
- (iii) Which are the living components of a habitat?
- (iv) Why are the seeds of Maple and Drumstick winged?
- (v) What is the body shape of birds called?

4. Draw the following.

- (i) Draw a pond habitat
- (ii) A fish showing aquatic adaptations