

**National Institute of Open Schooling**  
**Lesson 3- Kingdom Plantae and Animalia**  
**Worksheet-3**

1. In an area where it rains frequently mosses grow on roofs. How do mosses survive on the roofs without soil?
2. How did the development of vascular tissues contribute to the increase in a wide varieties of plants?
3. "Pteridophytes are considered as a connecting link between Bryophytes and Gymnosperms." Give reasons in support to your answer.
4. Male and female gametophytes have free existence in Bryophytes and Pteridophytes but not in Gymnosperms. Give reasons in support to your answer.
5. How would you examine in the Ascaris, cockroach, frog and whale to identify their sex whether they are male or female.
6. Oysters and Ophiura belongs to phylum Mollusca and Echinodermata. Give reasons why they are being classified in different phylum while both are aquatic. Also mention advantages of these phylum for humans.
7. Compare the vascular system of Porifera and Echinodermata. Do you think some members are useful? If yes, mention economic importance of these phylum.
8. Dolphins look somewhat like sharks; they have flippers and spend all their life in sea. Why are they classified as mammals rather than as cartilaginous fish.
9. Earthworm belongs to phylum Annelida but scorpion belongs to Phylum Arthropoda. How do they differ from each other?
10. Compare the morphological features of an Indian Rhinoceros and an African Rhinoceros.