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| Board- ICSE | Std- 7 <sup>th</sup> | Topic- Classification of Plants |
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**Q.1 Select the most appropriate answer.**

**1. An example of a flowering plant is**

- a. fern.
- b. yeast.
- c. Spirogyra.
- d. rice.

**2. Well-developed roots, stem and leaves are present in**

- a. bryophytes and algae.
- b. algae, bryophytes and angiosperms.
- c. algae, bryophytes and gymnosperms.
- d. ferns, gymnosperms and angiosperms.

**3. Biennials complete their life cycle in**

- a. two years.
- b. one year.
- c. three years.
- d. ten years.

**4. Plants that grow and thrive in water are called**

- a. mesophytes.
- b. hydrophytes.
- c. xerophytes.
- d. none of these

**5. Parasites and saprophytes belong to group**

- a. autotrophs.
- b. xerophytes.
- c. heterotrophs.
- d. mesophytes.

**Q.2 Fill in the blanks.**

- 1. \_\_\_\_\_ are green plants that contain chlorophyll and usually live in stagnant water.
- 2. The leaves of ferns are called \_\_\_\_\_.
- 3. In \_\_\_\_\_, the seeds are not enclosed in a fruit.
- 4. Cuscuta is a \_\_\_\_\_.

Q.3 State if the following statements are true or false. Correct the statement if it is false.

1. Bryophytes grow in dry areas.
2. Pteridophytes grow in damp and shady areas.
3. Plants that have seeds in cones are called ferns.
4. Dicotyledonous plants have seeds with two cotyledons
5. Perennial plants continue to grow and produce seeds every year.

Q.4 Differentiate between

1. gymnosperms and angiosperms
2. annuals and perennials
3. xerophytes and hydrophytes
4. flowering plants and non-flowering plants

Q.5 What are cryptogams ?

Q.6 State the groups into which plants are classified on the basis of seed-bearing nature

Q.7 What are bryophytes ?

Q.8 What are characteristics of pteridophytes ?

Q.9 Give two important features of angiosperms.

Q.10 What is the basis of classification of plants into flowering plants and non-flowering plants ?

Q.11 Why bryophytes are called amphibians of plant kingdom?

Q.12 How are monocots different from each other ? Explain giving examples

Q.13 Classify plants on the basis of (i) habitats in which they live, and (ii) time taken to complete their life cycle.

Q.14 Write a short note on gymnosperms.

Q.15 How are the herbs, shrubs and trees different ? Give examples.