



Model answer

Response 1 (2,5 Points).

The five kingdoms are: Kingdom of fungi, Kingdom of Animals, Kingdom of Plants, Kingdom of Prokaryotes and Kingdom of Protists.

Response 2 (1 Point).

Plants cryptogams (without flowers) vascular (with root) are:

Bryophytes Angiosperms Pteridophytes Gymnosperms Spermaphytes

Response 3 (1,5 Points).

The three types of protective tissues are: Epidermis, Rhizodermis and Endodermis.

Response 4 (1 Point).

The function of:
-Palisade parenchyma is the photosynthesis.
-Spongy (lacunous) parenchyma is gas exchanges through the stomata.

Response 5 (1 Point).

The functions of:

-Xylem: ensure the circulation of raw sap (water and mineral salts from the soil).
-Phloem: ensure the circulation of the produced sap, resulting from photosynthesis.

Response 6 (1 Point).

The tissue located between the xylem and phloem responsible for the secondary growth of conducting tissues is:

Phellogen Suber Periderm Cambium

Response 7 (1,5 Points).

The three types of roots are: Taproots roots, fasciculated roots and Adventitious roots.

Response 8 (2 Points).

The herbaceous stem is annual plant stem, characterized by its thinness, its green color and its flexibility.

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Response 9 (1 Point).

The stem that grows on the surface of the soil is:

- Thorny stem Climbing stem Erect stems Modified stem Creeping stem

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Response 10 (1,5 Points).

The three types of leaf are: deciduous, persistent and marcescent.

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Response 11 (1 Point).

The two types of simple fruit are: Fleshy fruit and Dried fruit.

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Response 12 (4 Points).

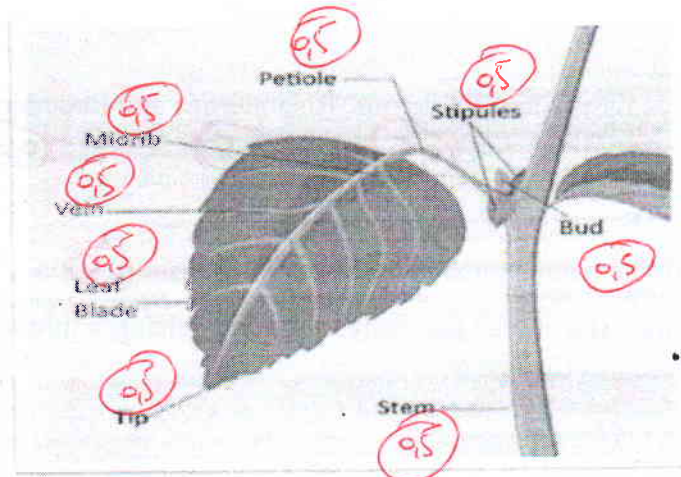


Figure. The different parts of the leaf.

Response 13 (1 Point).

The corolla is a set of:

- Sepal Carpel Receptacle Petal Stamen

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