

CW
21/6/21

Ch-2 The Flower

MCAQs

- a) Radicle
- b) Plumule
- c) Maize
- d) Epigeal
- e) Hypogeal
- f) Anther
- g) Stamens and Carpels
- h) Apple
- i) Cotyledons or endosperms.

Short Answer Questions

1- Seed Coat

Protects the seed from insects and bacteria.

2- Plumule

It develops to shoot.

3- Radicle

It develops to root.

4- Microphyle

Absorbs as much water required for germination.

5- Cotyledon

Contains stored food material used by seedling during growth.

Seen

- 2) a) Maize seed
- b) wheat seed
- c) bean seed
- d) Papaya seed

3a) Radicle: The part of the seed which later grows to the root of plant.

Plumule: The part of the seed which later grows to the shoot of the plant.

b) Hilum: The scar located on the inner concave side of the plant.

Microphyll: Small pore above the hilum which absorbs as much water required for germination.

c) Testa: The outer part of seed which protects the seed from many dangers.

Tegmen: The thin membrane which lies under the testa.

4) Two functions of fruit are:

- It protects the seed from unfavourable environmental conditions.
- Fruits store their food in them.