

Ch-2

MCQ

- 1) a) In a germination seed, the root develops from:
A) i) Radicle
- b) In a germination seed, the shoot develops from:
A) ii) Plumule
- c) Which one of the following is a monocotyledonous seed?
A) iii) Maize
- d) If the cotyledons are pushed above the soil, then such type of germination is called:
A) i) Epigeal

e) If the cotyledons remain under the soil then such type of germination is called

A → ii) Hypogeal

f) Pollen is produced in the

A → iv) anther

g) Reproductive whorls of a flower are:

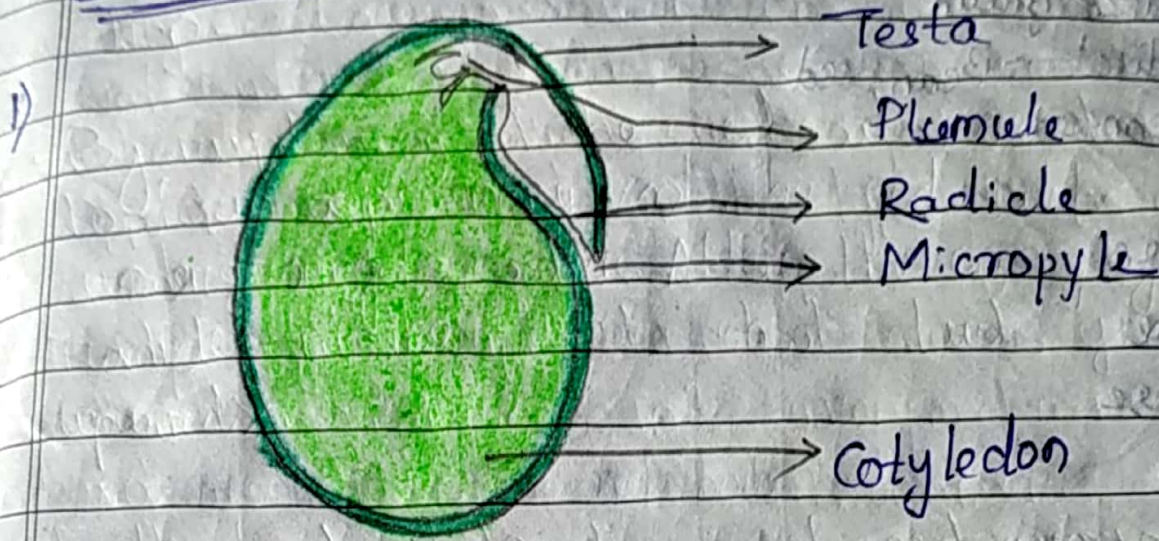
A → i) Stamens and carpels

h) Which ^{one} of the following is a false fruit?

A → ii) apple

i) In a seed, food is generally stored in

A → iv) cotyledons or endosperms

Short Answer questions:

- 1) **Testa:** - It is the outer exposed part of the seed.
- 2) **Plumule:** - It is located between the two cotyledons and develops into a shoot.
- 3) **Radicule:** - It is located between the two cotyledons and develops into a root.
- 4) **Micropyle:** - It absorbs and allows the entry of as much as water as is required for germination.
- 5) **Cotyledon:** - It stores the food material which is used by the seedling for growth.

- 2 a) Pea
b) Maize grain
c) ~~Adicot~~ s Bean seed
d) Beansed