

Multiple Choice Questions :

1. Put a tick mark (✓) against the correct alternative in the following statements :

(a) In a germinating seed, the roots develop from :

(i) Radicle

(ii) Plumule

(iii) Tegmen

(iv) Hilum

(b) In a germinating seed, the shoot develops from :

(i) Radicle

(ii) Plumule

(iii) Tegmen

(iv) Hilum

(c) Which one of the following is a monocotyledonous seed ?

(i) Bean

(ii) Pea

(iii) Maize

(iv) Gram

(d) If the cotyledons are pushed above the soil, then such type of germination is called :

(i) Epigeal

(ii) Hypogeal

(iii) Perigeal

(iv) Progeal

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

(i) Epigeal

(ii) Hypogeal

(iii) Perigeal

(iv) Progeal

(f) Pollen is produced in the :

(i) Filament

(ii) Style

(iii) Pistil

(iv) Anther

(g) Reproductive whorls of a flower are :

(i) Stamens and carpels

(ii) Sepals and petals

(iii) Sepals and stamens

(iv) Petals and carpels

(h) Which one of the following is a false fruit ?

(i) Tomato

(ii) Apple

(iii) Potato

(iv) Pea

(i) In a seed, food is generally stored in :

(i) Radicle

(ii) Plumule

(iii) Fruit

(iv) Cotyledons or endosperms

Short Answer Questions :

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- ① 1. Testa: It is the outer exposed part of of the seed.
2. Plumule: It is located between the two cotyledons and develops to a shoot.
3. Radicle: It is located between the two cotyledons and develops in to root.
4. Micropyle: It absorbs and allows the entry of as much as water as is required for germination.
5. Cotyledons: It stores the food material which he used

by the sending for growth.

~~3. a) Radicle and plumule.~~

2. a) ~~The~~ ~~A~~ ~~se.~~ Pea

b. Maize grain

c. Bean seed

d. Bean seed