

13.5.21

- ① a) In a germinating seed the roots develop from :-
i) Radicle
- b) In a germinating seed the shoot develops from :-
ii) Plumule
- c) Which one of the following is a monocotyledonous seed
iii) Maize
- d) If the cotyledons are pushed above the soil, such type of germination is called :-
i) Epigeal
- e) If the cotyledons remain under the soil, then such type of germination is called :-
ii) Hypogeal
- f) Pollen is produced in the
iv) Anther
- g) Reproductive whorls of a flower are
i) Stamens and Carpel
- h) Which one of the following is a false fruit
ii) Apple
- i) In a seed, food is generally stored in
iv) Cotyledons or Endosperms



Short answer questions

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

2) Name the following

- a) Pea
- b) Maize grain
- c) Bean seed
- d) Bean seed