

cw = 29/6/2024

Multiple choice

1. (i) In a germinating seed the roots develop from

Ans = Radicle

(ii) In a germinating seed the shoot develops from:

Ans = plumule

(iii) Which one of the following is a monocot seed?

Ans = Bean seed

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

Ans = Epigeal germination

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

Ans = Hypogeal germination

(viii) Which one of the following is a false fruit -

Ans = Apple

(ix) In a seed, food generally stored in:

Ans = Cotyledons and endosperm

Short answer

1. Testa: It is the outer exposed part of the seed.

2. Plumule: It is located between

(viii) Which one of the following is a false fruit -

Ans = Apple

(ix) In a seed, food generally stored

in:
Ans = cotyledons and endosperm

Short answer

1. Testa: It is the outer exposed part of the seed.

2. Plumule: It is located between develops into a shoot.

3. Radicle: It is located between the two cotyledons and develop into root

4. Micropyle: It absorbs the water and allows the entry of much water for germination.

5. Cotyledon: It stores the food material used by the seedling.

2. Name the following:

- (a) A seed which shows hypogeal germination - Pea
- (b) A monocot seed - Maize grain
- (c) A dicot seed - Bean seed
- (d) A seed which shows epigeal germination - Bean seed