

3) differentiate between the
following pairs of terms:-

(a) Radicle and plumule-

Ans Radicle- In a seed the radicle
lies downwards near the
lower pointed end of the grain.
It gives rise to the root.

plumule- In a seed the plumule
lies upwards near the cotyledon
and gives rise to the
shoot.

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

Ans - maize

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

Ans - ~~epigeal~~ Epigeal

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

Ans - Hypogeal

(f) Pollen is produced in the :-

Ans - Anther