Ch-2
The Flower

Date.
Page 61

Multiple choice questions:

1. Tick (✓) the appropriate answer.

i) In a germinating seed the roots develop from

(a) Radicle.

ii) In a germinating seed, the shoot develops from.

(b) Plumule.

iii) Which one of the following is a monocotyledonous seed?

(c) Maize.

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

(a) Epigeal.

v) If the cotyledons remain under the soil

then such type of germination is called.

vi) b) Hypogeal

vii) Pollen is produced in the

d) Anther.

viii) Reproductive whorl of a flower are

a) Stamen and carpels.

viii) Which one of the following is a false fruit?

b) Apple.

ix) In a seed food is generally stored in

a) Cotyledons or endosperms

Short Answer questions

1. Giving below is a longitudinal section of a bean seed. Level the parts marked 1 to 5 and right their

functions.

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

2. Plumule; It is located between the cotyledons and develops into a shoot.

3. Radicle: 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 food material which is used by the seedling for growth

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.

Samsib kumar Mahanty
07.07.2021