



# **BIOLOGY**

## **BOOKS - TRUEMAN BIOLOGY**

### **NCERT Exemplar Questions +1 (MORPHOLOGY OF FLOWERING PLANTS )**

**Mcqs**

1. Rearrange the following zones as seen in the root in vertical section and choose the correct option.

A. Root hair zone , B. Zone of meristems

C. Root cap zone , D. Zone of maturation

E. Zone of elongation

A. 1) C, B, E, A, D

B. 2) A, B, C, D, E

C. 3) D, E, A, C, B

D. 4) E, D, C, B, A

**Answer: a**



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2. In an inflorescence where flowers are borne laterally in an acropetal succession, the position of the youngest floral bud shall be

- A. proximal
- B. distal
- C. intercalary
- D. any where

**Answer: b**



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**3.** The mature seeds of plants such as gram and peas, possess no endosperm, because

- A. these plants are not angiosperms
- B. there is no double fertilization in them
- C. endosperm is not formed in them

D. endosperm gets used up by the developing embryo during seed development

**Answer: b**



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4. Roots developed from parts of the plant other than radicle are called

A. Taproots

B. Fibrous roots

C. Adventitious roots

D. Nodular roots

**Answer: c**



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5. Venation is a term used to describe the pattern of arrangement of

A. floral organs

B. flower in inflorescence

C. veins and veinlets in a lamina

D. all of them

**Answer: c**



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**6. Endosperm, a product of double fertilization in angiosperms is absent in the seeds of**

A. Gram

B. Orchids

C. Maize

D. Castor

**Answer: b**



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7. Many pulses of daily use belong to one of the families below (tick the correct answer)

A. Solanaceae

B. Fabaceae



C. Liliaceae

D. Poaceae

**Answer: b**



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**8.** The placenta is attached to the developing seed near the

A. testa

B. hilum

C. micropyle

D. chalaza

**Answer: d**



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**9. Which of the following plants is used to extract the blue dye ?**

A. Trifolium

B. Indigofera

C. Lupin

D. Cassia

**Answer: b**



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**10.** Match the following and choose the correct option

	Group A		Group B
A.	Aleurone layer	i.	Without fertilization
B.	Parthenocarpic fruit	ii.	Nutrition
C.	Ovule	iii.	Double fertilization
D.	Endosperm	iv.	Seed

**A. A-i, B-ii, C-iii, D-iv**

B. A-ii, B-i, C-iv, D-iii

C. A-iv, B-ii, C-i, D-iii

D. A-ii, B-iv, C-i, D-iii

**Answer: b**



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