

UDAAN 2025

BIOLOGY

DHA 04

How do Organisms Reproduce ?

Q1 The correct sequence of reproductive stages seen in flowering plants is

- (A) gametes, zygote, embryo, seedling
- (B) zygote, gametes, embryo, seedling
- (C) seedling, embryo, zygote, gametes
- (D) gametes, embryo, zygote, seedling

Q2 Fruits are formed from

- (A) Style
- (B) Stigma
- (C) Ovary
- (D) Petals

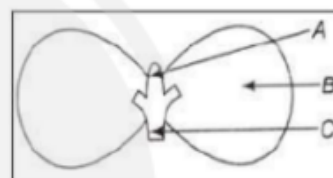
Q3 Which of the following plants shows unisexual flowers?

- (A) Mustard
- (B) Papaya
- (C) Watermelon
- (D) Both (B) and (C)

Q4 The flower of the Hibiscus plant is

- (A) bisexual
- (B) unisexual
- (C) not visible with naked eyes
- (D) very small

Q5 In the below figure the parts A, B and C are sequentially



- (A) Cotyledon, plumule and radicle
- (B) Plumule, radicle and cotyledon

- (C) Plumule, cotyledon and radicle
- (D) Radicle, cotyledon and plumule



Answer Key

Q1 (A)

Q2 (C)

Q3 (D)

Q4 (A)

Q5 (C)



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Hints & Solutions

Q1 Text Solution:

Option (A) gametes, zygote, embryo, seedling reflects the correct chronological order of these stages in the life cycle of flowering plants.

Video Solution:**Q2 Text Solution:**

Fruits are formed from the ovary of a flower after fertilization. The ovary develops into the fruit, which encloses and protects the seeds.

Video Solution:**Q3 Text Solution:**

Papaya and Watermelon are examples of plants that produce unisexual flowers, meaning they have separate male and female flowers on the same plant (monoecious) or on different plants (dioecious).

Video Solution:**Q4 Text Solution:**

The flower of the Hibiscus plant is bisexual, meaning it contains both male (stamens) and female (pistil) reproductive organs within the same flower.

Video Solution:**Q5 Text Solution:**

The correct sequence is- Plumule, cotyledon and radicle

Video Solution:[Android App](#)[iOS App](#)[PW Website](#)