
GOLDEN SAMPLE QUESTIONS

BIOLOGY For CBSE X 2019 (Set 1)

(Q 1. Two Marks)

1.

- (i) Name the hormones that are released in human males and females when they reach puberty.
- (ii) Name a gland associated with brain. Which problem is caused due to the deficiency of the hormone released by this gland ?

(Q 2 to 3 Three Marks)

2. Explain the following.

- (i) Positive photo tropism
- (ii) Negative photo tropism
- (iii) Positive geotropism
- (iv) Hydrotropism
- (v) Chemotropism

3. Name the various digestive glands associated with human digestive system, also give the name of secretion of these glands along with their functions.

(Q 4 to 5 Five Marks)

4. Draw a diagram of a human female reproductive system and label the part

- (i) that produces egg
- (ii) where fusion of egg and sperm take place
- (iii) where zygote is implanted

What happens to human egg when it is not fertilised?

5. If we cross pure-bred tall (dominant) pea plant with pure-bred dwarf (recessive) pea plant we will get pea plants of F₁ generation. If we now self-cross the pea plant of F₂ generation, then we obtain pea plants of F₂ generation.

- (a) What do the plants of F₂ generation look like?
- (b) State the ratio of tall plants to dwarf plants in F₂ generation.
- (c) State the type of plants not found in F₁ generation but appeared in F₂ generation, mentioning the reason for the same.



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