

**DELHI PUBLIC SCHOOL, JAMMU**  
**SESSION (2024-2025)**  
**ASSIGNMENT-2**

**Class – VIII**

**Subject – Science**

**Topic: Reproduction in Animals**

**Reaching the age of adolescence**

**Crop Production and management**

**Q1. Multiple Choice Questions:**

- 1) The term 'gestation period' refers to: (1)  
a. The time between birth and sexual maturity                      b. The period of pregnancy  
c. The time taken for fertilization                                      d. The period of lactation
- 2) Which nutrient is not essential for plant growth? (1)  
a. Nitrogen                      b. Phosphorus                      c. Potassium                      d. Helium
- 3) Which gland is known as the "master gland" that controls puberty? (1)  
a. Thyroid                      b. Pituitary                      c. Adrenal                      d. Pancreas

**Q2. In the following question, a statement of assertion (A) is followed by a statement of reason (R). Mark the correct choice as:**

**a) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A).**

**b) Both assertion (A) and reason (R) are true but (R) is not the correct explanation of (A).**

**c) Assertion (A) is true but reason (R) is false.**

**d) Assertion (A) is false but reason (R) is true.**

- 1) Assertion (A): Hydra reproduces by budding. (1)  
Reason (R): Budding is a type of asexual reproduction.
- 2) Assertion (A): Crop rotation helps in maintaining soil fertility. (1)  
Reason (R): Different crops deplete different nutrients from the soil.
- 3) Assertion (A): Adolescents often experience a rapid increase in height. (1)  
Reason (R): The pituitary gland releases growth hormones.

**Q3. Explain the difference between traditional and modern methods of irrigation. (2)**

**Q4. Describe the various steps involved in the preparation of soil for agriculture. Include the importance of each step in your answer. (2)**

**Q6. Why is adolescence considered a crucial period of development? (2)**

**Q7. What are the main differences between asexual and sexual reproduction? (2)**

**Q8. Draw a well labelled diagram of Male reproductive system and mention the function of each part in a tabular form. (3)**

**Q9. Write a short note on: (3)**

- a. Green Revolution
- b. Food from animals