

Chapter- **How do organisms reproduce?**

**1 Mark Questions**

1. What is vegetative propagation?
2. Name any two types of sexual reproduction.
3. State the method used for growing plants.
4. Why is DNA copying an essential part of reproduction?
5. Name the hormone which is responsible for dramatic changes in appearance in girls when they approach 10-12 years of age.
6. Define reproduction.
7. What is the significance of meiosis in sexually reproducing organisms?
8. What is fission? Give its types.
9. Expand AIDS.
10. What is ovulation?

**2 Mark Questions**

1. List any two differences between pollination and fertilization.
2. Define variations in relation to a species. Why is variation beneficial to the species?
3. What are the male and female gonads in human beings? Mention their functions.
4. Differentiate between menarche and menopause.
5. List two advantages of vegetative propagation.
6. Why are testes located outside the abdominal cavity in scrotum in mammals?
7. Give any two important changes to both boys and girls during early teenage years.
8. Write briefly about the following: (i) Implantation (ii) Parturition
9. Why does bread mould grow profusely on a moist slice of bread rather than a dry slice of bread?
10. What is the role of seminal vesicle and prostate gland?

**3 Mark Questions**

1. Describe menstrual cycle in female human beings.
2. Reproduction is linked to stability of population of a species. Justify the statement.
3. What changes are observed in the uterus if fertilization does not occur?
4. What are the benefits of using mechanical barriers during sexual act?
5. Distinguish between a gamete and zygote. Explain their roles in sexual reproduction.
6. Write two points of difference between asexual and sexual types of reproduction. Describe why variations are observed in the offspring formed by sexual reproduction.
7. Draw a neat and labelled diagram of a pistil showing pollen tube growth and its entry into the ovule.

**5 Mark Questions**

1. Draw the diagram of a flower and label the four whorls. Write the names of gamete producing organs in the flower.

2. How does fertilization take place? What are various ways to avoid pregnancy?
3. Describe sexually transmitted diseases and mention the ways to prevent them.