

Ch-7 How do Organisms Reproduce?

1. Name two plants that are grown by vegetative propagation.
2. What is reproduction? Explain two advantages of sexual reproduction over asexual reproduction.
3. Mention the importance of DNA copying in reproduction.
4. List any two differences between pollination and fertilization.
5. Name two sexually transmitted disease caused due to infection and viral infection. How can these be prevented?
6. Explain the terms –
 - a. Implantation
 - b. Placenta
7. What is the average duration of human pregnancy?
8. List any four methods of contraception used by humans. How does their use have a direct effect on the health and prosperity of a family?
9. Define the terms pollination and fertilization. Draw a diagram of a pistil showing pollen tube growth into the ovule and label them.
10. Describe in brief the role of following in human male reproductive system – testis, seminal vesicle, vas deferens, ureter, and prostate gland.
11. Answer the following –
 - a. Draw a diagram of the longitudinal section of a flower and label on it – sepal, petal, ovary and stigma.
 - b. Write the names of male and female reproductive parts of a flower.
12. Answer the following –
 - a. What is fragmentation in organisms? Name a multicellular organism which reproduces by this method.
 - b. What is regeneration in organism? Describe regeneration in Planaria with the help of a suitable diagram.
13. Name two plants that are bisexual.
14. What is pollination.
15. How does the embryo get nourishment?
16. What is a STD? Name two STDs.
17. Explain process of sexual reproduction in plants.
18. With the help of diagrams explain the process of budding in Hydra.
19. Name the following –
 - a. 1 unisexual plant.
 - b. an organism that grows by multiple fission.
 - c. 2 nucleic acids.
20. What is binary and multiple fission? Name the organism in which they occur.
21. How do potato and Bryophyllum plants reproduce vegetatively?
22. Devise an experiment to show germination of gram seed.
23. Draw well labeled diagram of a bisexual flower.
24. What is self and cross pollination?
25. What are the different methods of contraception in males and female human beings?