

14. Illustrate the process of regeneration in Planaria with the help of a suitable diagram. 3
Regeneration is not possible in all types of animals. why?
15. Why is fragmentation not possible in all multicellular organisms? 3
16. What are the three categories of contraception methods? Write briefly about each.
17. a) List any two reasons for adopting contraceptive methods. 3
b) Which kind of contraceptive methods prevents STDs and how?
18. How can the reproductive health be maintained and sexually transmitted (STD) prevented? 3
19. Differentiate between:- 3
a) Asexual and sexual reproduction.
b) Plumule and radicle
c) Pollination and Fertilization
20. Describe the human male reproductive system with the help of a diagram. 5
21. a) Name the female reproductive part of a flower. Draw diagram of its longitudinal section depicting the process of fertilization of pollen on stigma and label on it the following: 5
i) male germ cell ii) female germ cell iii) ovary
b) What happens to the following parts after fertilization ?
i) ovary ii) ovule iii) sepals and petals
c) In a sexually reproducing plant, what happens to zygote formed after fertilization. State in brief.
22. Describe the female reproductive system in human beings with the help of a well-labelled diagram. 5