



BIOLOGY

CH:8- HOW DO ORGANISMS REPRODUCE?

Name: _____

Date: _____

Class: X Sec: ____

- 1 Draw diagram of longitudinal section of a bisexual flower and label on it
(i)Stigma(ii)Anther (iii)Ovary(iv) Filament
(b)Categorise the following into bisexual and unisexual - Pappaya, Watermelon
Hibiscus, Mustard
(c)Mention the post-fertilization changes observed in a flowering plant ?
2. Name the female reproductive part of a flower. Which part of a flower develops into a seed and a fruit ? Where are the male germ cell and female gamete produced in a flower ?
3. (a)Draw a neat diagram of Human-male reproductive system and label on it the following parts :
(i)Vas deferens (ii)Seminal vesicle (iii)prostate gland (iv)testis
(b)Mention the function of prostate and seminal vesicles and write its function
- 4 Draw a neat diagram of longitudinal section of a flower showing the fertilization of pollen on stigma and label on it the following parts :
(i)male germ cell (ii) female germ cell (iii) ovary (iv) pollen tube
(b) Fertilisation will not occur without pollination. Justify this statement.
- 5 Name those parts of a flower which serve the same function as the following do in the animal :-
(i)Testis (ii) Ovary (iii) Eggs (iv) Sperms
- 6 What are sexually transmitted diseases?
Name an STD which damages the immunesystem of human body ?
- 7 What is the importance of D.N.A copying in reproduction ? Why is variation beneficial to the species but not necessary for the individual ? Explain.
(a)What is the role of seminal vesicles and the prostate gland ?
(b)What are the three categories of contraception methods ? Write briefly about each.
- 8 a) Pre natal sex determination has been prohibited by law. State two reasons.
b) What is placenta ? State its any two roles during pregnancy.
c) State in brief the function of the following organs in the human female reproductive system:
(a)Ovary (b)Fallopian tube (c)Uterus



INDIAN SCHOOL NIZWA - WORKSHEET