

Grade: X

BIOLOGY WORKSHEET

How do organisms reproduce?

1. Write the names of organisms in which reproduction commonly takes place by methods mentioned below.

- a) Binary fission
- b) Budding
- c) Fragmentation
- d) Regeneration
- e) Spore formation
- f) Multiple fission

2. Name the hormone secreted by human testes. State its functions.

3. What is placenta? State its any two roles during pregnancy.

4. How is the process of pollination different from fertilisation?

5. State the functions of the following organs:

a) Vas deferens b) seminal vesicle c) Petal d) Sepal

6. Describe the process of fertilisation in humans and development of embryo briefly.

7. Give reasons.

- a) Prenatal sex determination has been prohibited by law.
- b) Testis is located outside the abdominal cavity.
- c) Blocking of fallopian tubes prevents pregnancy.

8. What are the categories of contraception methods? Write briefly about each.

9. Write in brief about the post fertilization changes taking place in a flower.

10. a) Draw a neat labeled diagram of the reproductive system of human female and label on it the following:

- i) reproductive part that produces the female hormone
 - ii) site of fertilisation
 - iii) organ where growth and development of the embryo takes place.
- b) How does the growing embryo meet its nutritional requirements?
- c) What happens if the ovum is not fertilized?