Chapter-8 How do organisms reproduce ?

Assignment – 2 (pg. 133-141)

Answer the following questions: (To be done on ruled sheets)

1. Why is sexual reproduction considered to be superior to asexual reproduction in terms of evolution?
2. Name the largest cell present in the human body.
3. Define the term puberty. List two changes observed in boys and girls at the time of puberty.
4. What is pollination? Explain its significance.
5. Explain the process of fertilisation in flowers. Name the parts of the flower that develop after fertilisation into
   a) seed
   b) fruit
6. Give one example each of a unisexual and a bisexual flower.
7. Mention the changes the flower undergoes after fertilisation.
8. Describe in brief the role of
   a) testis b) seminal vesicle c) vas deferens d) ureter e) prostate gland in human male reproductive system.
9. In human females, what happens when
   a) egg is fertilised
   b) egg is not fertilised
10. What are the male and female gonads in human beings? State any two functions of each of them.
11. What is placenta? Explain its function in humans.
12. Suggest three contraceptive methods to control the size of human population which is essential for the health and prosperity of a country. State the basic principle involved in each.
13. What are the two main types of reproduction in living organisms? Classify the following under these two types:
    Amoeba, Frog, Earthworm, Yeast
14. Draw a longitudinal section of a flower and label the following parts:
    a) Part that produces pollen grain
    b) Part that transfers male gametes to the female gamete
    c) Part that is sticky to trap the pollen grain
    d) Part that develops into a fruit
15. What are sexually transmitted diseases? Name four such diseases. Which one of them damages the immune system of human body?