

CLASS X – SCIENCE – CHAPTER 07

HOW DO ORGANISMS REPRODUCE

Name:

Date:

- Q01.** In vegetative reproduction, the new individuals are genetically –
(a) Similar (b) Dissimilar (c) Abnormal (d) None of these
- Q02.** When an organism breaks into a number of parts and each part develop into an individual, it is called
(a) Budding (b) Binary fission (c) Regeneration (d) Spore formation
- Q03.** In man, fertilization of ovum takes place in
(a) Vagina (b) ovary (c) uterus (d) Fallopian tubes
- Q04.** During grafting, the portion of plant that is grafted is called –
(a) Stock (b) Scion (c) stalk (d) stem
- Q05.** Which part of the flower forms the fruit?
(a) Whole flower (b) stamens and carpel (c) Only ovary (d) Only carpel
- Q06.** Anemophily is the pollination by –
(a) Birds (b) Rain (c) insects (d) Wind
- Q07.** What is callus?
- Q08.** What happens if the mature ovum is not fertilized in a female? Name the process.
- Q09.** Give two examples each of IUCD and STD.
- Q10.** What changes occur in girls and boys in the age group of 10 -14 years?
- Q11.** Describe sexually transmitted diseases (STDs) and mention the ways to prevent them.
- Q12.** Name the surgical methods of birth control in human males and females respectively.
- Q13.** What are the essential requisites for sexual reproduction?
- Q14.** Describe triples fusion in plants? Where does it occur?
- Q15.** What is syngamy?
- Q16.** Name the structure through which pollen tubes enters the ovule?
- Q17.** What do meant by self-pollination & cross pollination?
- Q18.** What is the difference between binary fission and multiple fission?

DCA CLASSES

- Q19.** What are the basic features of asexual reproduction?
- Q20.** What is a clone? Why do offspring's formed by asexual reproduction exhibit remarkable similarity?
- Q21.** What is micro propagation? Mention its advantages.
- Q22.** Mention the events taking place when the ovum is fertilized in fallopian tube till it is implanted in the uterus of human female.
- Q23.** What are the post fertilization changes in the flower?
- Q24.** Define parthenogenesis.
- Q 25.** How many male gametes are produced by pollen grains?
- Q26.** Define reproduction. Why is it important?
- Q27.** What are the major factors responsible for population Explosion?
- Q28.** Draw a well labeled diagram of female reproductive system and mention its parts.
- Q29.** What is parturition?
- Q30.** What is puberty?
- Q31.** List two important functions of gonads.
- Q32.** What is the function Cowper's gland and prostate gland?
- Q33.** List various reproductive parts of flower
- Q34.** What is the difference between internal & external fertilization?
- Q35.** What are the advantages of vegetative propagation?
- Q36.** Describe any 3 methods of asexual reproduction
- Q37.** What changes occur in ovaries during menstrual cycle?
- Q38.** Describe budding in yeast, a fungus
- Q39.** Draw a well labeled diagram of male reproductive system and describe its parts.
- Q40.** Differentiate between asexual and sexual reproduction.