

I. Choose the correct option ;

1x8 = 8

1. By which of the following organ *Bryophyllum* can propagate vegetatively ?
(a) Leaf (b) Stem (c) Root (d) Flower
2. In which part of human being, fertilization occurs ?
(a) Ovaries (b) Vagina (c) Uterus (d) Fallopian tube
3. Which of the following disease is a type of STD ?
(a) Warts (b) Diabetes (c) Cancer (d) Glucoma
4. Who is called the Father of Genetics ?
(a) Darwin (b) Lamarck (c) Robert Brown (d) Mendel
5. We should reduce the use of plastic materials, because they are-----
(a) non-biodegradable (b) made of toxic elements
(c) injurious to health (d) not durable
6. Which of the following indicates female sex chromosome ?
(a) XY (b) XX (c) YY (d) YO
7. In tropic level, the maximum number of living beings belong to -----
(a) Producers (b) Primary Consumers (c) Secondary Consumers (d) Tertiary Consumers
8. A detritus food chain begins with -----
(a) Carnovore (b) Herbivore (c) Omnivore (d) Decomposer

II. Answer the following Questions in one word / sentence.....1 x 7 = 7

9. What is the name of male sex hormone ?
10. Give one example of binary fission.
11. Name the plant that was used by the Father of Genetics for experiments.
12. What is gene ?
13. What is the full form of CFC ?
14. Give an example of Detrivore.
15. What is the main source of energy in the Ecosystem ?