

Q1: Chlorophyll is present in which of the following organism?

- (a) Bacteria
- (b) Protozoa
- (c) Fungi
- (d) Algae

Q2: Constituents of cell membrane is/are:

- (a) Phosphate Proteins
- (b) Amino Acids
- (c) Phospho-lipid Proteins
- (d) Cellulose

Q3(Bihar SAT1): The term vaccine is introduced by which scientist?

- (a) Charles Darwin
- (b) Edward Jenner
- (c) Alexander Flemming
- (d) Robert Hooke

Q4 (NTSE 2010): Which of the following is an example of a single cell that does not function as a full fledged organism?

- (I) White blood cell (WBC)
- (II) Amoeba
- (III) WBC and Amoeba
- (IV) Paramecium

- (a). II only
- (b). II and IV
- (c). I only
- (d). III and IV

Q5: Primary building blocks of a DNA molecule are:

- (a) nitrogenous bases, phosphates, and ribose macromolecules
- (b) nitrogenous bases, phosphates, and deoxyribose macromolecules
- (c) phosphorous bases, nitrogen, and ribose macromolecules.
- (d) None of these

Q6(Maharashtra SAT1): _____ energy is converted into chemical energy with the help of chlorophyll.

- (a) Light
- (b) Potential
- (c) Kinetic
- (d) Electric

Q7(UP NTSE Stage-1): Which of the following statement is wrong?

- (a) Oxygen is called vital air (Pranwayu)
- (b) Herbivorous depends on plants for food.
- (c) Amoeba is a multi-cellular animal
- (d) Stomach is a digestive organ.

Q8: Which of the following is responsible for movement of water and dissolved nutrients from the roots upward in the plant.

- (a) apical meristem
- (b) phloem
- (c) xylem
- (d) vascular cambium

Q9: Which vitamin deficiency causes cracking of lips at the corners of a human patient?

- (a) Vitamin A
- (b) Vitamin B-2
- (c) Vitamin C
- (d) Vitamin D

Q10: The breeding, hatching and rearing of fish is called (a) Apiculture

- (b) Pisciculture
- (c) Sericulture
- (d) Agriculture

Q11 (2010 Stage2) Weeds not only use nutrients from the soil but are also I. harmful for some organisms including human beings

- II. useful for the crops and harmful for human beings
- III. harmful to the crops and some animals
- IV. crop specific

Select the alternative which includes all correct statements.

- (a) I, III and IV
- (b) II, III and IV
- (c) I, II and III
- (d) I, II and IV

Q12: We obtain _____ from jute, hemp and cotton.(a) Medicine

- (b) Food grain
- (c) Fibre
- (d) Colour

Q13: The photosynthetic symbiont of a lichen is

- (a) legumes
- (b) moss.
- (c) green algae
- (d) cyano bacteria

Q14: Protein catalysts of chemical reactions in biological organ systems are called

- (a) Enzymes
- (b) Hormones
- (c) connective fluids
- (d) Vitamins

Q15: Pigment present in red blood corpuscle

- (a) Haemoglobin
- (b) Chlorophyll
- (c) Xanthophyll
- (d) Porphyrin

Answer:

1. (d) Algae
2. (c) Phospho-lipid Proteins
3. (b) nitrogenous bases, phosphates, and deoxyribose macromolecules
4. (b) Edward Jenner
5. (c) I only
6. (a) Light
7. (c) Amoeba is a multi-cellular animal
8. (c) xylem
9. (b) Vitamin B-2
10. (b) Pisciculture
11. (a) I, III and IV
12. (c) Fibre
13. (c) green algae (Hint: Note the word photosynthetic symbiont).
14. (a) Enzymes
15. (a) Haemoglobin