

DPP

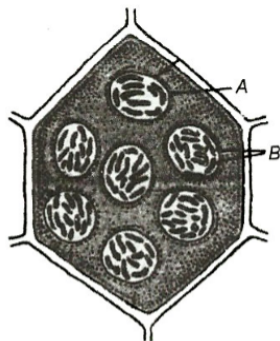
DAILY PRACTICE PROBLEMS

Class : XIth
Date :

Subject : BIOLOGY
DPP No. : 2

Topic :- Mineral Nutrition

- Which of the given options are correct for hydroponics? Select the correct pair
I. Hydroponics technique is useful in areas having infertile and dry soils
II. Hydroponics can regulate pH optimum for a particular crop
III. It increases the labour cost
IV. It increases the problem of weeding
a) I and IV b) I and II c) I and III d) Only I
- Phosphorus is absorbed by the plants as
I. H_2PO_4^- II. HPO_4
III. HPO_4^{2-} IV. H_2PO^-
a) Only I b) Only III c) I and III d) Only II
- Insectivorous plants eats the insect for
a) Na-K b) Nitrogen c) Chlorine d) Phosphorus
- Aeroponics are
a) Aerial plants b) Aerated plants
c) Soilers cultivated plants d) None of these
- Given diagram belongs to bacteroids in nodule. Identify A and B and choose the correct option accordingly



- a) A-Bacteria; B-Bacteroids b) A-Leghaemoglobin; B-Bacteroides
c) A-Bacteroids; B-Bacteria d) A-Bacteroids; B-Leghaemoglobin

6. Insectivorous plants eat insects for their requirement of
 a) Sodium-potassium b) Nitrogen c) Chlorine d) Phosphorus
7. Molybdenum is the essential constituent of
 a) Nitrogenase b) Respiratory chain c) Growth regulators d) Chlorophyll
8. Select the correct statement.
 a) Legumes are incapable of fixing nitrogen
 b) Legumes fix nitrogen through bacteria living in fruits
 c) Legumes fix nitrogen only by bacteria present in root nodules
 d) None of the above
9. Which among the following are used as media for hydroponics?
 a) Coco air b) Rock wool c) Gravel d) All of these
10. The core metal of chlorophyll is
 a) Fe b) Mg c) Ni d) Cu
11. Identify the elements which function as the components of biomolecules
 I. Hydrogen II. Magnesium
 III. Oxygen IV. Nitrogen
 a) Only IV b) Only II c) I, II, III and IV d) All except II
12. Potassium is required by which of the following regions of plants
 I. Meristematic tissues II. Buds
 III. Leaves IV. Root tips
 a) Only I b) I and IV c) II and IV d) All of these
13. In root nodules of legumes, leghaemoglobin is important because it
 a) Transports oxygen to the root nodule
 b) Acts as an oxygen scavenger
 c) Provides energy to the nitrogen fixing bacterium
 d) Acts as a catalyst in transamination
14. The number of essential elements known for the growth and reproduction of plants is
 a) 27 b) 15 c) 17 d) 9
15. Which of the following minerals activate the enzymes involved in respiration?
 a) Nitrogen and phosphorus b) Magnesium and manganese
 c) Potassium and calcium d) Sulphur and iron

