Chapter- Nutrition in plants

Assertion and reason

1.A- The final product we get after photosynthesis is only carbohydrate or starch which is stored in a leaf is a simple type of substance.
R- Plants only synthesize carbohydrates.

2. A- Sun is the ultimate source of light and energy for all living organisms.
R- Sun is a very essential component for photosynthesis.

3. Assertion (A): The product of photosynthesis is a complex chemical substance called carbohydrate.
Reason (R): The carbohydrate ultimately gets converted into sugar.

4. Assertion (A) : Green colour in leaves help in photosynthesis.
Reason (R) : Photosynthesis results in formation of starch

5. A- Insectivorous plants are partially carnivores in nature .
R- this plant is needed for making medicine .

6. A- Nucleus is a very important matter in a cell .
R- there is a genetic blueprint of the same organism only.

7. A- Every organism has a cell membrane and cell wall .

R - To protect only the cytoplasm.

8. A – Rhizobium is the only source of soluble nitrogen in the soil .
R- It was found in most of the green plant's roots.

9. A- Rhizobium is also partially parasite .
R- It harms the root .

10. A- Lichen is the structure between one algae and fungi.
R – It harms the fertility of the soil.
11. A- Insectivorous plants hunt insects due to nitrogen deficiency in the soil .
R- Nitrogen is required for protein synthesis.

12. A: CUSCUTA PLANT DID NOT HAVE CHLOROPHYLL TO DO PHOTOSYNTHESIS .
R: IT TAKES NUTRITION FROM OTHER PLANTS AND TREEs.

13. A: MOST OF THE TREES HAVE STOMATA
R : THE PLANTS WHICH HAVE STOMATA CAN
DO PHOTOSYNTHESIS .

14. A: PHOTOSYNTHESIS CAN TAKE PLACE ONLY
IN LEAVES .
R:THE SYNTHESIS OF FOOD OCCURS IN THE PRESENCE OF SUNLIGHT .

15. A : The plants who trap insects to fulfill their needs of CO_2 such plants are called insectivorous plants.
R : Some of the insectivorous plants have teeth like human beings.

16. A: Fungi and algae form mycorrhiza.
R: Both of them are mutually benefited.

17. A : When glucose is stored by the leaf it becomes simple carbon dioxide.
R: Glucose is made up of the process of transpiration.