

S.Y.B.Sc. Sem IV
Botany Paper II
Sample Questions

1. In monocot vascular bundles are-----
 - a. Conjoint collateral closed.
 - b. Conjoint collateral open.
 - c. Bi-collateral.
 - d. Concentric.
2. Bi-collateral vascular bundles is characteristic feature of family-----
 - a. Apocynaceae.
 - b. Malvaceae.
 - c. Cucurbitaceae.
 - d. Asteraceae .
3. Which of the following is correct statement regarding complex tissue -----
 - a. Made up of one types of cell.
 - b. Made up of more than two types of cell perform different function.
 - c. Made up of more than two types of cell perform same function.
 - d. Made up of more than two types of dead cells.
4. Which of the following temperature gives best result of vernalization -----
 - a. 0-20⁰ C
 - b. 0-15⁰ C
 - c. 0-10⁰ C
 - d. 0-5⁰ C
5. Phytochrome was discovered by -----
 - a. Brothwhick and Hendrick
 - b. Garner and Allard
 - c. Otto Warburg

d. Otto Meyerhoff.

6. The total amount of organic matter in a given area at a given time is called-----

- a) Biomass
- b) Mass.
- c) Average mass.
- d) Bi- product

7. The Instrument used for measurement of wind called-----

- a) Colorimeter
- b) Anemometer.
- c) Thermometer.
- d) pH meter

8. -----is considered as evolutionary transition between bacteria and fungi.

- a) Ascomycetes
- b) Basidiomycetes.
- c) Actinomycetes.
- d) Nematodes

9. The functional aspects of plant studied in-----

- a. Anatomy.
- b. Ecology.
- c. Cytology.
- d. Plant physiology.

10. Which of the plant organ is related to respiration-----

- a. Mitochondria.
- b. Chloroplast.
- c. Peroxisome.
- d. Golgi complex.

11. In plants which is used as chief respiratory substrate-----

- a. Starch.
- b. Glucose.
- c. Fats.
- d. Proteins.

12. The term ecology was coined by -----

- a. Scientist Otto.
- b. Scientist Reiter.
- c. Scientist Odum
- d. Scientist Tansely.

13. In atmosphere % Nitrogen is-----

- a) 97 %
- b) 79 %
- c) 87 %
- d) 20 %

14. ----- is called father of botany.

- a. Scientist Theophrastus.
- b. Scientist Bentham and Hooker.
- c. Scientist Odum
- d. Scientist Tansely.

15. Annual rings are useful for -----

- a. calculation of age of plant.
- b. Measuring girth of plant.
- c. Measuring height of plant.
- d. Measuring braches of plant.

