

Royal College of Arts Science and Commerce
F.Y.B.Sc.
Semester II
Sample Questions
Botany Paper I
USBO 201

Instructions:

- 1) All questions are compulsory.
- 2) Each question is for 1Mark.

Questions:

1. *Nephrolepis* is _____.
a. Homosporous b. Heterosporous c. Asporous d. Polyporous
2. In *Nephrolepis*, T.S. of rachis shows _____ vascular system.
a. Dictyostele b. Siphonostele c. Eustele d. Atactostele
3. _____ is the most primitive type of protostele.
a. Actinostele b. Plectostele c. Haplostele d. Mixed stele
4. *Nephrolepis* sporangium produces _____ number of Haploid kidney shaped spores.
a. 16 b. 32 c. 64 d. Indefinite
5. *Cycas* shows _____ type of Pollination.
a. Anemophilous b. Entomophilous c. Hydrophilous
d. Chirothrophilous
6. In *Cycas*, the coralloid roots shows the presence of _____ algae.
a. Red b. Brown c. Bluegreen d. Green
7. The male plant of *Cycas* shows _____ growth.
a. Monopodial b. Sympodial c. Horizontal d. Terminal
8. _____ is a resin obtained from *Abies balsamea*.
a. Copal b. Sandarac c. Amber d. Canada balsam

9. The leaf base is called _____.
- a. Hypopodium
 - b. Mesopodium
 - c. Epipodium
 - d. Phyllopodium
10. Pulvinus leaf base is found in _____ leaf.
- a. Banana
 - b. Mango
 - c. Pea
 - d. Spider-lily
11. _____ stipules are found in *Rosa indica*.
- a. Adnate
 - b. Interpetiolar
 - c. Free lateral
 - d. Intrapetiolar
12. The _____ compound leaf is observed in Aegle.
- a. Trifoliate
 - b. Quadrifoliate
 - c. Unifoliate
 - d. Bifoliate