

New Education Society's
ARTS, COMMERCE AND SCIENCE COLLEGE, LANJA
Department of Botany

SAMPLE QUESTION SET FOR STUDENTS

Online Theory Examination Semester 6 Year 2019-20

Paper – II (Plant Diversity IV)

1. Which system of classification is used for angiospermic families?
a) Bentham & Hooker b) De-Candol c) G.M. Smith d) Hutchinson
2. What is peculiar character of flower in Labiatae?
a) Trimerous Flower b) Hypogynous Flower c) Bi-lobed Corolla d) Cup-shaped Corolla.
3. Plants of family Rhamnaceae shows _____ on the branches.
a) Trichomes b) Hooked & Straight Spines c) Lenticells d) Stipules
4. _____ is the type of Inflorescence found in family Labiatae.
a) Verticilaster b) Solitary c) Umbel d) Panicle
5. *Calotropis gigantea* belongs to family _____.
a) Rhamnacea b) Combrataceae c) Cannaceae d) Asclepidaceae
6. From the following _____ is Mesophyte.
a) *Nerium* b) *Salvadora* c) Orchids d) *Pistea*
7. In T.S. of petiole of *Nymphaea* shows presence of _____.
a) Air Chambers b) Mucilage Chambers c) Resin Ducts d) Oil Chambers
8. *Opuntia* shows the characteristics of _____ conditions.
a) Hydrophytic b) Xerophytic c) Sciophytic d) Mesophytic
9. Pollen grains are _____.
a) Female gametes b) Male gametes c) Neutral gametes d) Sterile gametes.
10. In double fertilization one male fertilizes the Egg cell and other fertilizes the _____.
a) Synergides b) Antipodal Cells c) Secondary Nucleus d) Egg cells