DPP-1421
M. Sc. (Sem. II) Examination
March/April – 2016
BOT-204 : Botany
(Taxonomy of Angiosperms)

Time : Hours] [Total Marks : 70
Instructions :
(1) Name of the Examination :
M.Sc. (Sem. II)
Name of the Subject :
BOT-204 : Botany

(2) Neat, correct and labeled diagram will add the value of the answer.

(3) Marks of each question are mentioned against the question.

1. Describe :
   (a) Aims and objective of Plant Taxonomy
   (b) Need for scientific name

2. Write notes on : (Any two)
   (a) Merits and demerits of Bentham and Hooker system of classification
   (b) Outlines of system of classification by Engler -Prantl
   (c) Post Darwinian theory of biological classification

3. Describe : (Any two)
   (a) Phylogeny of Parietals
   (b) Phylogeny of Rosales
   (c) Floral variations in Gerainiales

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4. **Describe:** (Any two)
   
   (a) History of Botanical nomenclature
   (b) Economic importance of family Orchidaceae
   (c) Importance of Plant Taxonomy

5. **Write notes on:** (Any two)
   
   (a) Morphological peculiarities, interrelationship and evolutionary lines of family Malpighiaceae
   (b) Morphological peculiarities, interrelationship and evolutionary lines of family Plumbaginaceae
   (c) Morphological peculiarities, interrelationship and economic importance of family Guttiferae