

Total No. of Printed Pages: 2

SUBJECT CODE NO: - Y-2048
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. S.Y (Sem-III)
Examination March / April - 2023
Botany Paper-VII Taxonomy of Angiosperms

[Time: 1:30 Hours]

[Max. Marks: 50]

Please check whether you have got the right question paper.

N. B

- 1) Attempt all questions
- 2) Draw neat & well labelled diagram wherever necessary

Q1 Describe in detail family Liliaceae up to formula floral diagram Add a note on few plant of economic importance? 20

OR

Write salient features of angiosperms and add note on evolution of it. 20

Q2 Explain in detail taxonomy in relation to anatomy embryology and ecology. 20

OR

Write short notes on 20

- a) Concept of genus and species
- b) Floral structure of Acanthaceae
- c) Economic importance of Poaceae
- d) Racemose inflorescence
- e) Floral structure of solanaceae

Q3 Multiple choice questions 10

- 1) Family Poaceae is characterized by -----
 a) Berry fruit b) Pentamerous flower c) Didynamous stamens d) Glumes
- 2) Infundibuliform corolla is feature of -----
 a) Solanaceae b) Asteraceae c) Annonaceae d) Lamiaceae
- 3) Epicalyx growing above the calyx are found in -----family
 a) Liliaceae b) Malvaceae c) Annonaceae d) none of the above
- 4) Which of the following plant belong to family Anonaceae
 a) Justice adhatoda L. b) Ocimum tenuiflorum L.
 c) Annona squamosa L. d) Hibiscus rosa -sinensis L

- 5) Which of the following families are monocotyledons?
 - a) Acanthacus and Liliaceae
 - b) Poaceae and Liliaceae
 - c) Apocynaceae and solanaceae
 - d) Solanaceae and Acanthaceae

- 6) Bicarpellary ovary are present in which of the following families?
 - a) Solanceae and Apocynaceae
 - b) Fabaceae and Nyctaginaceae
 - c) Anonaceae and malvaceae
 - d) Anonaceae and fabaceae

- 7) Which of the following genera represent family Lamiaceae ?
 - a) Hibiscus and Nerium
 - b) Bacopa and ocimum
 - c) Allium And Hibiscus
 - d) catharanthus and Nerium

- 8) Triticum aestivum is botanical name of -----
 - a) Wheat
 - b) maize
 - c) Rice
 - d) Jawar

- 9) Papilionaceous corolla is feature of----- flower.
 - a) Acanthaceae
 - b) Poaceae
 - c) Fabaceae
 - d) Anonaceae

- 10) Which of the following plant belongs to family mimosaceae
 - a) Ocimum tenuiflorum
 - b) Adhatoda vasica
 - c) Annona Squamosa
 - d) Acacia Arabic