



**PG CBCS**  
**M.Sc. Semester- IV Examination, 2023**  
**BOTANY**  
**PAPER: BOT 495A**  
**(ANGIOSPERM TAXONOMY & MOLECULAR SYSTEMATICS)**

**Full Marks: 50**

**Time: 4 Hours**

1. Answer the following questions:

- a) Draw, label and describe the supplied plant specimen (A<sub>1</sub>/A<sub>2</sub>.) and identify the plants up to species. 4+2+6+2=14
- b) Make a comparative account of morphological features of both primitive and advanced characters of the supplied specimens B<sub>1</sub>/B<sub>2</sub>/ and C<sub>1</sub>/C<sub>2</sub> and comment on advancement. 6+2=8
- c) Comment on the given specimens D, E, F and G. 4×2=8
- d) Write the botanical names and their respective families of the supplied specimens H, I, J, and K. 4×1.5=6
- e) Submissions - Lab notebooks, Field note book, Herbarium specimens. 3+2+3=8
- f) Viva-voce. 6

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