

DR. KANAILAL BHATTACHARYYA COLLEGE

B.Sc. Honours Practical Examination (CBCS system) – 2020

Semester- III

Subject- Botany

Paper: CC- 5 (Palaeobotany and Palynology)

Time: 1 hr 30 min (2:00 P.M. – 3:30 P.M.)

Date: 13.3.2021

Full marks-30

1. Draw, label and write the identifying characters of the fossil *Glossopteris* and *Ptilophyllum*. State their mode of preservation. (3+2+3+2)
2. Draw and label the T.S. of stem of *Cordaites* and *Lepidodendron*. State their anatomical characters. (4+2+4)
3. Write the identifying characters with suitable diagram of porate pollen and colpi-porate pollen. (5+5)

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PRACTICAL EXAMINATION - 2021

SEMESTER - III

BOTANY (HONOURS)

PAPER – CC6 (REPRODUCTIVE BIOLOGY OF ANGIOSPERMS)

Date – 14 – 03 – 2021

Time – 2P.M – 3:30P.M

Time – 1:30Hr

F.M – 30

Answer the following questions

3X10

1. Identify the followings and make some comments

2X5



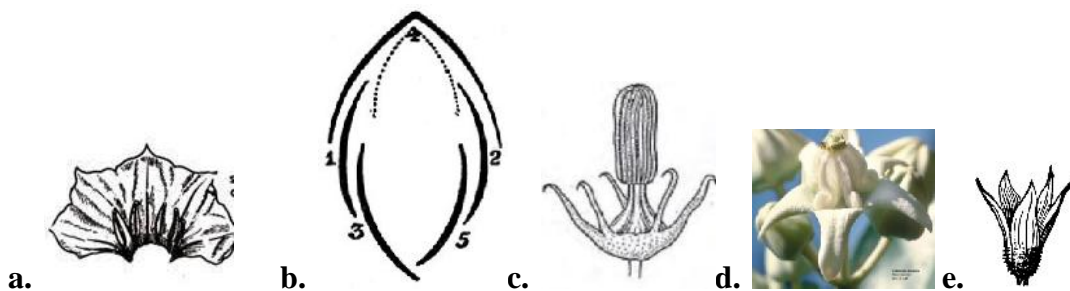
2. Answer the followings with characters and diagram with example

2X5

- a. campylotropous ovule
- b. Capitulum inflorescence
- c. Imbricate aestivation
- d. Cypsella fruit
- e. Parietal placentation

3. Identify the followings with reason

2X5



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Semester- III

Subject- Botany

Paper: CC- 7 (Plant systematics)

Time: 1 hr 30 min (11:00 A.M. – 12:30 P.M.)

Date: 18.3.2021

Full marks- 30

1. Draw, label and describe the dissected floral parts of specimen *Leucas*. Give floral formula and floral diagram. Underline the characters described by you to identify the family. Write down the systematic position of the specimen according to the classification of Bentham and Hooker. (2+2+2+1+1+1+1)
2. Describe the process of Herbarium preparation and write the importance of Central National Herbarium. (5+5)
3. Write the role of Botanic Garden. (10)