

ASUTOSH COLLEGE
DEPARTMENT OF BOTANY
BOTANY HONOURS

B.Sc. SEMESTER III: (CBCS UNDER CU)

CORE COURSE – 5

PALAEOBOTANY AND PALYNOLOGY PRACTICAL- (BOT-A-CC-3-5-P)

TIME: 1^{1/2} HOURS

FULL MARKS: 30

Answer all three questions

Q1. Mention two identifying characters for each of the following T.S. of stem of 5x2=10

- i. *Rhynia*
- ii. *Lepidodendron*
- iii. *Calamites*
- iv. *Lyginopteris*
- v. *Cordaites*

Q2. Draw and label and mention two identifying characters of **any 2** of the three pollen types in your syllabus. Give an example (where found) for each of the two selected types.

(2+2+1)x2=10

Q3. Mention two identifying features of leaf fossils of

- i. *Ptilophyllum*
- ii. *Glossopteris*

Mention the fossil type, geological age and geographical distribution of each.

(2+1+1+1) x2 =10

Mail your scanned answer scripts to asutoshbotany@gmail.com