

**U.G. 3rd Semester Examination - 2020**

**BOTANY**

**[HONOURS]**

**Course Code : BOT-H-CC-P-06**

**(Diversity of Gymnosperms and Palaeobotany)**

**[PRACTICAL]**

Full Marks : 20

Time : 2 Hours

*The figures in the right-hand margin indicate marks.*

1. Draw, label, describe and compare the wood anatomy or reproductive morphology of **any one set** of the following:

AI: *Cycas & Pinus*

AII: *Cycas & Ginkgo*

AIII: *Pinus & Ginkgo*

AIV: *Ephedra & Gnetum* 5

*(Drawing- 1, Labelling- 1, Description- 2, Comparison-1)*

2. Draw, label, describe and mention the geological age of occurrence of **any one set** of the following:

BI: *Rhynia*- t.s. of stem & *Williamsonia*-fructification

BII: *Lepidodendron*- t.s. of stem & *Cordaites*- leaf

BIII: *Calamites*- t.s. of stem & *Ptilophyllum*- leaf

BIV: *Lyginopteris*- t.s. of stem & *Glossopteris*-leaf

5

*(Drawing- 1, Labelling- 1, Description- 2, Geological age of occurrence- 1)*

3. Viva voce. 5

4. Laboratory note book. 5

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