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PG (NEW) CBCS
M.Sc. Semester-II Examination, 2020
BOTANY
PAPER: BOT 202

(PALAEOBOTANY, PALYNOLOGY & PLANT REPRODUCTIVE BIOLOGY)

Full Marks: 20

Time: 1 Hour

Answer any ONE question from each unit

UNIT-I

(PALAEOBOTANY)

10 MARKS

1. Write down the method of formation of petrified fossil. What is coal ball?
2. Illustrate continental drift hypotheses in the light of plate tectonics.
3. Describe the megafloristics of Raniganj and Panchet formations.
4. Briefly describe the role of fossil plants in deciphering past vegetational history.
5. Write down the basis of three fold classification of the Indian Gondwana sequence.

UNIT-II

(PALYNOLOGY & PLANT REPRODUCTIVE BIOLOGY)

10 MARKS

1. Illustrate different types of apertures found in spores/pollen grains.
2. Write a note on melissopalynology.
3. Write briefly about pollination syndrome.
4. How does forensic palynology help in criminal investigations?
5. Illustrate different types of surface features found in angiosperm pollen grains.
