

GURUDAS COLLEGE

B. Sc. SEMESTER III (Honours) Odd Semester Examination, 2021

Online Internal Assessment

Subject: BOTA

Subject Category: Honours

CORE COURSE-5

Course: BOT-A-CC-3-5-TH

Course Name: PALAEOBOTANY AND PALYNOLOGY

Date of Examination: 3rd Jan, 2022

All questions carry equal marks

Full Marks – 10

Time – 30 minutes

Answer the following (Any 5) :

2X5=10

1. Geological distribution of *Rhynia*:
 - a) Silurian beds of Victoria, Australia
 - b) Raj Mahal Hills of Bihar
 - c) Rhynie chert bed of Scotland
 - d) Mudstones near Giloba, New York.
2. The cupule of *Lyginopteris*:
 - a) *Calymmatotheca hoeninghausii*
 - b) *Kaloxylon hookeri*
 - c) *Amyleon*
 - d) *Weltrichia*
3. Which one of the following is Lower Gondwana flora?
 - a) *Gondwanidium*
 - b) *Noeggerathiopsis*
 - c) *Gangamopteris*
 - d) All above.
4. The form genera of the root of *Lepidodendron*.
 - a) *Lepidocarpon*
 - b) *Equisetum*

- c) *Stigmaria*
- d) *Lepidophyllum*

5. Which of the following statements is true?

- a) The integument of *Cardiocrarpus* is three layered -the outer fleshy sarcotesta, the middle sclerotesta and the endotesta made up of thin-walled cells.
- b) The integument Of *Cardiocrarpus* is three layered -the outer fleshy sclerotesta, the middle sarcotesta and the endotesta made up of thin-walled cells.
- c) The integument Of *Cardiocrarpus* is three layered -the outer fleshy sarcotesta, the middle endotesta and the sclerotesta made up of thin-walled cells.
- d) None of above.

6. The father of modern palynology

- a) K. Faegri
- b) G. Erdtman
- c) C. B. Beck
- d) None of the above

7. Microfossils are microscopic with a size less than

- a) 200 μm
- b) 350 μm
- c) 300 μm
- d) 250 μm

8. Fossils can be deposited in the

- a) Sedimentary rocks
- b) Igneous rocks
- c) Metamorphic rocks
- d) None

Instructions for submission of answer scripts

1. Write the front page/top sheet as per instruction.
2. Scan the pages in sequence and make a single PDF file.
3. Rename file as per instruction.
4. Email the PDF file within the stipulated time to the following

Email ID 1. gdcexamhons@gmail.com

2. gchonsgen@gmail.com

3. sem1botagdc2020@gmail.com