

# GURUDAS COLLEGE

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

Online Practical Examination

Subject: BOTA

Subject Category: Honours

CORE COURSE-5

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

Course Name: PALAEOBOTANY AND PALYNOLOGY

Date of Examination: 19<sup>th</sup> Jan, 2022

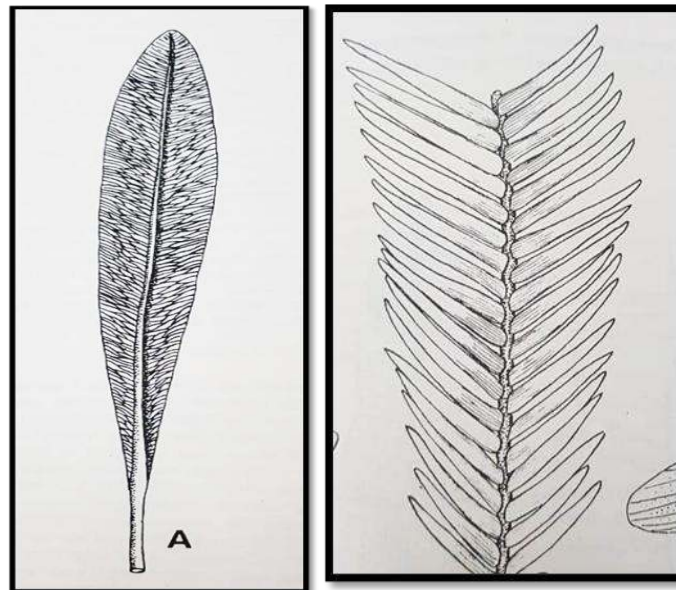
*All questions carry equal marks*

Full Marks – 30

Time – 1 hour & 30 minutes

1. Identify fossil specimen “A” and “B” with proper reasons stating mode of preservation

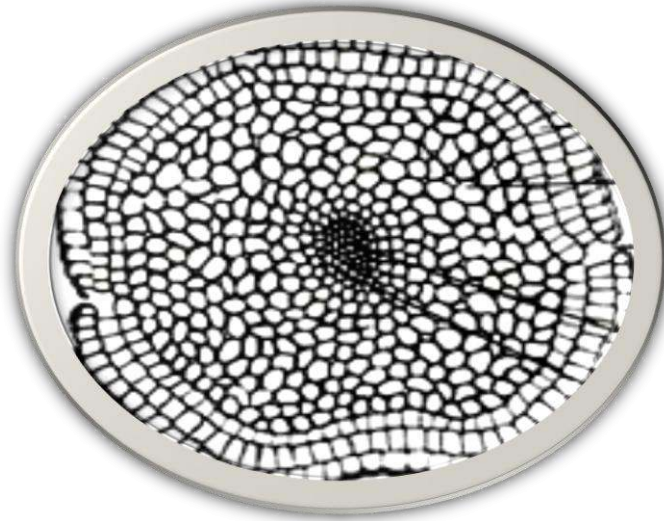
(4+1) X 2



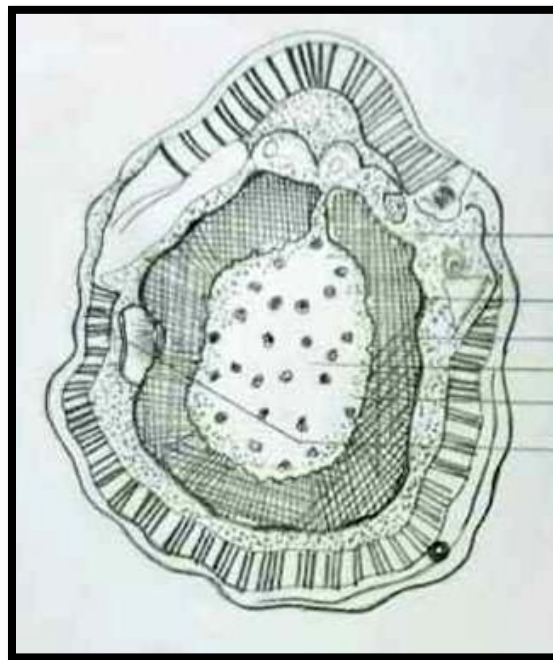
Specimen: A

Specimen: B

2. Identify fossil specimens "C" and "D" with reasons stating anatomical characters and systematic positions. (4+1) X 2



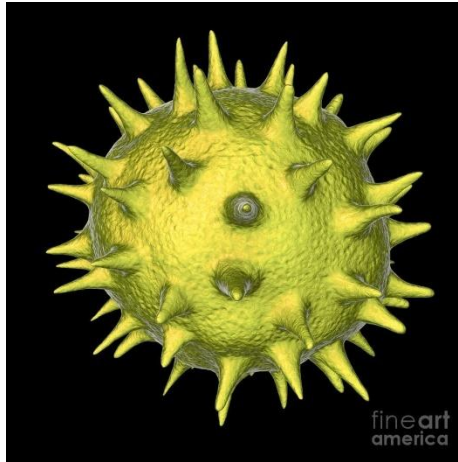
**Specimen: C**



**Specimen: D**

3. a) Identify the **specimen “E”** with proper reasons stating the aperture type, number of aperture and ornamentation. 5

[Reasons =2, aperture type=1, number of aperture=1, ornamentation=1]



**Specimen: E**

3. b ) Draw and label a ‘tricolporate’ pollen grain of *Cassia* sp. Comment on the main identifying characters of the ‘ tricolpate’ pollen grain of *Brassica* sp. 2+1+2

#### **Instructions for submission of answer scripts**

1. Write the front page/top sheet as per instruction. Give page numbers to each page.
2. Write your CU Roll number in each page.
3. Scan the pages in sequence and make a single PDF file.
4. Rename file as per instruction.
5. Email the PDF file within the stipulated time the following email addresses:

**gdexamhons@gmail.com**

**gchonsgen@gmail.com**

**sem1botagdc2020@gmail.com**