

GURUDAS COLLEGE

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

Online Internal Assessment

Subject: BOTA

Subject Category: Honours

CORE COURSE-6

Course: BOT-A-CC-3-6-TH

Course Name: REPRODUCTIVE BIOLOGY OF ANGIOSPERMS

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. A monosporic type of embryo sac which doesn't have any antipodal is
 - a) *Oenothera* Type
 - b) *Polygonum* type
 - c) *Peperomia* type
 - d) *Allium* type
2. The first division of zygote in *Capsella* is
 - a) vertical
 - b) horizontal
 - c) diagonal
 - d) None of the above
3. Perisperm is
 - a) Degenerated secondary nucleus
 - b) Remnant of nucellus
 - c) Peripheral part of endosperm
 - d) Degenerated synergids
4. Porogamy is
 - a) Fertilization in which pollen tube enters the ovule through integument
 - b) Fertilization without pollen grain

- c) Fertilization in which pollen tube enters the ovule through chalaza
- d) Fertilization in which pollen tube enters the ovule through micropyle.

5. Name the inflorescence type



- a. Raceme
- b. Corymb
- c. Spadix
- d. Cyme

6. What is the form of Corolla?



- a. Rosaceous
- b. Personate
- c. Campanulate
- d. Cruciform

7. Identify the fruit type.



- a. Hesperidium
- b. Berry
- c. Drupe
- d. Sorosis

8. Name the fruit type



- a. Simple indehiscent
- b. Simple dehiscent
- c. Aggregate fruit
- d. Composite Fruit

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
5. Email ID

gcdbot2020@gmail.com

sem1botagdc2020@gmail.com