

GURUDAS COLLEGE

B. Sc. SEMESTER V (General) Examination, 2020

Online Internal Assessment, 2020

Subject: BOTG

Subject Category: General

Course: BOT-G-SEC-A-3/5-2

Course Name: BIOFERTILIZERS

Date of Examination: 3rd March, 2021

Full Marks – 10

Time – 30 minutes

All questions carry equal marks

Answer any five questions from the following

2×5=10

1. Organic farming does not include
 - A. Green manures
 - B. Chemical fertilizers
 - C. Farmyard manures
 - D. Compost

2. Living organisms used to enrich the nutrient quality of the soil are known as
- A. Bio control agent
 - B. Synthetic fertilizers
 - C. Bio fertilizers
 - D. Natural fertilizers
3. A Nitrogen fixing microbe associated with the fern *Azolla* in Rice field is
- A. *Frankia*
 - B. *Rhizobium*
 - C. *Spirulina*
 - D. *Anabaena*
4. Which one is the free living nitrogen fixing organism ?
- A. *Rhizobium* sp
 - B. *Frankia* sp
 - C. *Azotobactor* sp
 - D. Mycorrhiza

5. VAM is

- A. Endomycorrhiza
- B. Ectomycorrhiza
- C. Monotropoid mycorrhiza
- D. Ericoid mycorrhiza

6. Actinorrhizal symbiosis is found is

- A. Leguminous plants
- B. Non-leguminous plants
- C. Both of A and B
- D. None of these A and B

7. *Rhizobium* can be cultured in

- A. PDA medium
- B. YEMA medium
- C. MS medium
- D. Skoog medium

8. Which of the following is the first step of sewage treatment ?

- A. Precipitation
- B. Chlorination
- C. Sedimentation
- D. Aeration

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 IDs :

- 1) **sem4botg2000GDC@gmail.com**
- 2) **gdccug20@gmail.com**
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