

Date & time of the Exam. 12/12/2020,11.00am-03.00pm

CITY COLLEGE

INTERMEDIATE EXAMINATION FOR 1+1+1 SYSTEM (ONLINE),

2020

DEPARTMENT OF BOTANY

Part: 1

Course: Hons. , Full Marks: 100

Paper: I

Answer the following questions (ANY FIVE)

5x20=100

1. Describe the Life cycle Pattern of a nannandrous species of Oedogonium with labelled sketches.

20

2. Comment on evolution of Sex in Algae. Write down the structure of heterocyst and its function.

10+6+4=20

3. Write down the physicochemical structure of TMV. Comment on the structure of bacterial flagella with suitable diagram.

12+8=20

4. Write down the Auxospore formation of pennaes. What are the differences between cell wall of gram (+) ve and gram (-) ve bacteria?

12+8=20

5. Describe in brief the sexual reproduction process in Synchytrium. Write a note on role of Mycorrhiza in Agriculture.

14+6=20

6. Describe Casual organism, Symptoms, disease Cycle and Control measures (any four) of Late blight of Potato.

1+8+7+4=20

7. Describe in brief Post infectious biochemical defense mechanism in host Plant. Write a note on quarantine in Plant disease Control.

12+8=20

8. Given outline the industrial production of Cheese. Comment on Food value of Pleurotus. Discuss the economic importance of Lichen.

8+6+6=20

Email id for answer script submission (a single pdf):- botanycity.p1hons@gmail.com