Total No. of Units

 $Total\ No.\ of\ Printed\ Pages\ : 03$

: 04

Code No.: B03/404

Third Semester Examination, January 2022

M.Sc. BOTANY

Paper - IV

MICROBIAL ECOLOGY - I

Time: 3 Hrs. Max. Marks: 80

• Part A and B of each question in each unit consist of very short answer type questions which are to be answered in one or two sentences.

Part C (Short answer type) of each question will be answered in 200-250 words.

Part D (Long answer type) of each question should be answered within the word limit 400-450.

Unit - I

Q.1 A. Define about Media. (2)

Q.1 B. Write main function of hot air oven. (2)

Q.1 C. Write short notes on laminar air flow. (4)

OR

Write about physical method of sterilization.

Q.1 D. Write detail account of structure and principle of phase contrast microscopy. (12)

OR

Write in detail about pure culture techniques with suitable diagrams.

(3)

Code No.: B03/404

Code No.: B03/404

(2)

Write a note on Actinomycetes.