

2022

B.Sc. (Honours) in AGRICULTURE

2nd Semester Examination

PAPER—AGS-202

(Practical)

AGRICULTURAL MICROBIOLOGY

Full Marks : 20

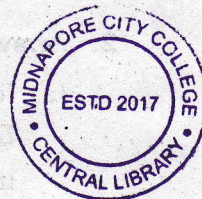
Time : 1 Hour

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

1. Answer any one question : 1×5
- (a) Enumerate the bacteria load of the supplied sample A or B. Write down the procedure and interpretation of the process. 3+2
- (b) Isolate free living nitrogen fixing bacteria from the supplied sample A or B. Discuss procedure and interpretation of the process. 3+2

(Turn Over)



- (c) Enumerate the fungal load of the supplied sample A or B. Write down the procedure and interpretation of the process. 3+2

2. Answer any one question : 1×10

- (a) Identify the supplied bacterial sample A or B. Describes principle, procedure and result and interpretation of the process. 4+3+3

- (b) Isolate Rhizobium from supplied root nodule.

3+4+3

[Principle-3, Procedure-4, Result-3]

3. Laboratory Note Book. 2

4. Viva-Voce. 3

