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NA—111—2023

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (Second Year) (Third Semester) EXAMINATION

NOVEMBER/DECEMBER, 2023

(New Pattern)

MICROBIOLOGY

Paper—VI

(Applied Microbiology)

(Wednesday, 20-12-2023)

Time : 2.00 p.m. to 4.00 p.m.

Time—2 Hours

Maximum Marks—40

N.B. :— (i) Attempt all questions.

(ii) Draw well labelled diagrams wherever necessary.

1. Explain harmful role of microorganism in air. Describe physical methods of control of microorganisms in air. 15

Or

Write notes on :

- (a) Index of water pollution 8
- (b) IMVIC test. 7
2. Define Sewage. Describe in detail the single dwelling units. 15

P.T.O.

Or

Write notes on :

- (a) Milk borne diseases
- (b) DMC of milk.

3. Write short notes on (any *two*) :

- (a) Sources of microorganisms in air
- (b) Presumptive test
- (c) Chemical sewage treatment
- (d) Undesirable changes in milk.