

U.G. 5th Semester Examination - 2020

ZOOLOGY

[HONOURS]

Discipline Specific Elective (DSE)

Course Code : ZOOL(H)DSE-P-02

[PRACTICAL]

(Microbiology)

Full Marks : 20

Time : 2 Hours

The figures in the right-hand margin indicate marks.

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

1. Write down (any **one**):

- i) The procedure of Simple staining and Gram's staining of bacteria from curd.

OR

- ii) The preparation of any *one* liquid medium (broth) and any *one* solid medium for routine cultivation of bacteria.

10

OR

2. Write down:

- i) The procedure of preparation of *either* slant or stab. Include labelled diagram.

OR

- ii) The biochemical test for characterization of any **one**:

Catalase/Nitrate-reduction/Indole production.

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2. Submission of Laboratory Note book.

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3. *Viva-voce.*

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