

2012

M.Sc.

1st Semester Examination

BIOTECHNOLOGY

PAPER—BIT-105

(PRACTICAL)

Full Marks : 40

Time : 4 Hours

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.

Answer all questions.

- 1. Prepare a temporary slide of the material (A) supplied following proper staining. Draw two mitotically dividing stages from the slide. Calculate the mitotic index of the supplied material and comment on it.**

6+5+5

- 2. Prepare a slide from your own blood sample and demonstrate monocyte and neutrophils from the slide. Draw suitable levelled diagramme of the cells.**

3+2+2

(Turn Over)

3. Prepare a slide from squamous epithelium of your own buccal cavity. Draw the cells and comment elaborately from your findings.

2+2+3

4. Laboratory Note Book.

5

5. Viva-voce.

5
