2013

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 supplied following proper staining. Identify and draw two meiotically dividing stages from the slide. Comment on your observation. 15

   (Principle — 3, Work — 4, Identification — 2, Drawing — 3, Comment — 3.)

2. Prepare a slide from your buccal cavity with proper staining to identify the mitochondria. 10

   (Principle — 3, Work — 3, Draw — 2, Comment — 2.)

(Turn Over)
3. Prepare a slide from your own blood sample and demonstrate two different types of WBC. Draw suitable labelled diagram of the cells.  

4. Laboratory Note Book.  

5. Viva-Voce.