

OCTOBER 1999

[KA 871]

Sub. Code : 5001

B.Sc. DEGREE EXAMINATION.

(Medical Laboratory Technology)

First Year

Paper I — HUMAN BIOLOGY

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Describe with a neat diagram the parts of the digestive system. What are the physiological functions of the salivary juice, gastric juice, pancreatic juice and intestinal juice? (25)
2. Draw and label the parts of the female genital system. Describe the physiology of menstruation and pregnancy. (25)
3. Write short notes on : (5 × 10 = 50)
 - (a) Pituitary gland
 - (b) Structure and function of skin
 - (c) Glomerular filtration
 - (d) Cell division
 - (e) Erythropoiesis.