

SEPTEMBER 2002

[KH 871]

Sub. Code : 5001

**B.Sc. (Medical Laboratory Technology) DEGREE
EXAMINATION.**

(c) HLA system and its functions

(d) Circulation of cerebro spinal fluid

(e) Menstrual cycle.

First Year

Paper I — HUMAN BIOLOGY

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Draw a neat diagram illustrating the cross section of a human heart and label the various parts. Describe in detail about the pulmonary circulation. (25)
2. Draw a neat sketch of the cross section of the human kidney and label the various parts. Define a nephron. Add a note on the formation of urine. (25)
3. Write short notes on : (5 × 10 = 50)

(a) Functions of thyroid gland.

(b) Various types and functions of epithelial tissue