

AUGUST 2004

[KL 871]

Sub. Code : 5001

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

Paper I — HUMAN BIOLOGY

Time : Three hours Maximum : 100 marks

**Sec. A & B : Two hours and Sec. A & B : 80 marks
forty minutes**

Sec. C : Twenty minutes Sec. C : 20 marks

Answer Sections A and B in the SAME answer book.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. What is the composition of saliva? What are its functions and how is it regulated. (15)
2. What are the hormones of the posterior pituitary? What are their functions. (15)

SECTION B — (10 × 5 = 50 marks)

3. Write short notes on :

- (a) Blood groups.
- (b) Cardiac output.
- (c) Taste sensation.
- (d) Vital capacity.

- (e) Diabetis Mellitus.
- (f) Functions of PCT (Proximal Convoluted Tubule).
- (g) Functions of Thalamus.
- (h) Spermatogenesis.
- (i) CSF.
- (j) Functions of skin.