

APRIL 2003

[KI 871]

Sub. Code : 5001

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

Paper I — HUMAN BIOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Draw and label the various parts of the human brain. Describe in detail about the production, circulation and functions of cerebro spinal fluid. (25)
 2. Draw a neat diagram of the human digestive system and label the various parts. Describe the various functions of bile with a special emphasis on its digestive function. How is carbohydrate digested in the small intestines? (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Haemopoiesis.
 - (b) Thymus.
 - (c) Functions of skin.
 - (d) Gene and allele.
 - (e) Cartilage.
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