

EASTERN UNIVERSITY, SRI LANKA
THIRD EXAMINATION IN SCIENCE 2002/2003
FIRST SEMSTER (JUNE 2003)

ZL 301- HUMAN BIOLOGY

Time : 02 hours.

Answer all questions.

(Illustrate your answers with clear labelled diagrams where necessary.)

01. Describe the structure of human skeletal muscle fiber and explain the mechanism of its contraction.

02. Describe briefly the structure of the human respiratory system and discuss how oxygen and carbon dioxide are transported in the blood.

03. a). State the major components of the circulatory system of man. Describe briefly the location and gross anatomy of the human heart.

b). Describe the types of synovial articulations in man.

04. Write short notes on the following:
 - a). human ear,
 - b). human small intestine,
 - c). Disorders of the Nervous system.

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