

EASTERN UNIVERSITY, SRI LANKA
THIRD EXAMINATION IN SCIENCE 2005/2006

(Special Repeat)

ZL 301- Human Biology



Time : **Two** hours

Answer **all** questions.

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

1. List **8** different types of bone articulations in humans?
Describe **two** of the above in respect of type of movement allowed in ease.
2. Write short notes on the following:
 - a) Synapse
 - b) Oxygen Dept
 - c) Cardiac cycle
3. Explain the anatomy of the skeletal muscle and discuss the sliding filament theory of muscle contraction.
4. Describe briefly the structure of a nephron and comment on the counter current multiple system in the kidney.

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