

EASTERN UNIVERSITY, SRI LANKA
THIRD YEAR EXAMINATION IN SCIENCE 2003/2004
(Nov/Dec 2004)
ZL 301 HUMAN BIOLOGY
FIRST SEMESTER



TIME: 02 hours

Answer **all** questions

(Illustrate your answer with clear, labeled diagram wherever necessary)

1. List **8** different types of bone articulations in humans?

Describe **two** of the above and explain the type of movement allowed in each case.

2. Comment briefly on the following statements:

a) The synapse is a junction between two neurons.

b) Refraction of light occurs at two levels.

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

4. Briefly describe the structure of a nephron.

Explain the counter current multiple system in the kidney.

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