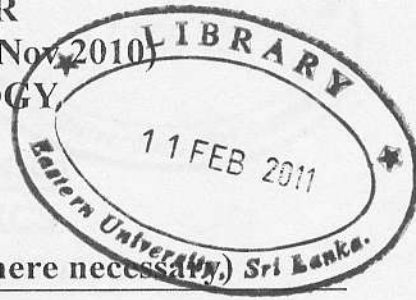


EASTERN UNIVERSITY, SRI LANKA
SECOND YEAR SECOND SEMESTER
EXAMINATION IN SCIENCE 2008/2009(Oct/Nov 2010)
ZL 205 DEVELOPMENTAL BIOLOGY



Time: 01 hour.

Answer all questions.

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

1. a). List the major events that occur in sperm and egg of an animal before the fusion of male and female pronuclei.
 - b). Briefly describe the event that occurs before sperm entry.
 - c). Describe how a human foetus receives the nutrients from his/her mother with a diagrammatic drawing only.
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2. Comment on **any two** of the following:
 - a). Neurulation;
 - b). Temporary contraceptives;
 - c). Extra embryonic membranes in chick;
 - d). Age related neuronal effects in human.

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