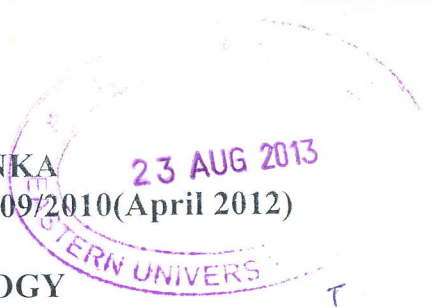


EASTERN UNIVERSITY, SRI LANKA
SECOND YEAR EXAMINATION IN SCIENCE 2009/2010(April 2012)
SECOND SEMESTER
ZL 205 DEVELOPMENTAL BIOLOGY



Time: 01 hour.

Answer all questions.

(Illustrate your answers with clear labeled diagrams where necessary)

1. a). What is gastrulation?
b). How does scientist study gastrulation?
c). What are the physiological changes that occur during gastrulation?
d). With illustrated diagrams explain gastrulation in an amphibia.

2. Comment on **any two** of the following:
 - a). Role of oestrogen hormone in human female;
 - b). Effect of age related changes in neuron in human;
 - c). Formation of fertilization membrane;
 - d). Wound healing in annelid.

XXXXXXXXXXXX