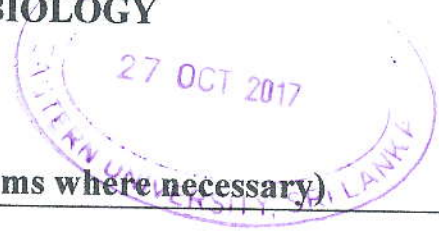


**SECOND YEAR EXAMINATION IN SCIENCE 2013/2014 (OCT 2016)**  
**SECOND SEMESTER (PROPER & REPEAT)**  
**ZL 205 DEVELOPMENTAL BIOLOGY**



Time: 01 hour

Answer all questions.

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

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- 1 a). Explain primary induction and competence in developmental process of a named animal.
- b). What is regeneration? Give the process of regeneration in a wounded annelid.

(100marks)

2. Comment on **any two** of the following:

- a). Spermiogenesis in mammals;
- b). Genetic disorders by sex chromosomes in human;
- c). Intrauterine device (IUD);
- d). Acrosome reaction.

(100marks)

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