

SECOND  
THIRD YEAR SECOND SEMESTER EXAMINATION IN SCIENCE  
2007/2008 BATCH (2012/2013 – Sep 2015) (REPEAT)  
EXTERNAL DEGREE  
EXT ZL 203 GENETICS AND DEVELOPMENTAL BIOLOGY



02 hours.

Answer all questions.

Illustrate your answers with clear labeled diagrams where necessary)

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- a). What are giant chromosomes?
- b). Describe in detail the structure and importance of giant chromosomes.

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

- a). Replica plating;
- b). DNA finger printing;
- c). Snail shell coiling;
- d). RNA splicing.

- a). What is contraception?
- b). Write an account on different contraceptive methods.

Write notes on **any two** of the following:

- a). Menstrual cycle;
- b). Extraembryonic membranes in chick;
- c). Wound healing in annelids;
- d). Neurulation in Amphibia.

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