



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2010/2011
FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE
SZH 104: EMBRYOLOGY

DATE: Friday, 26th November, 2010

TIME: 8.00 a.m. – 10.00 a.m.

INSTRUCTIONS:

Answer ALL questions from Section A and ONE question from Section B within a
Section ALL questions carry equal marks. Illustrate your answers with diagrams and
give examples whenever appropriate.

Section A

Answer **ALL** questions. (40 marks)

1. Describe the formation of female gonad.
2. With the help of diagram describe briefly the process of involution in Telolecithal eggs.
3. Explain the different types of planes of early cleavage.
4. Describe briefly the formation of acrosome.
5. Outline the role of healthy seminal plasma.
6. Describe briefly the formation of Nephrotome.
7. Explain the changes that takes place in nucleus during growth phase.
8. Distinguish between the following terminologies:-
 - i) Blastulation and Gastrulation
 - ii) Blastula and morula

Section B

Answer any **ONE** question (30 marks)

9. Describe in detail the process of spermatogenesis.
10. Write an essay on fertilization.
11. Describe in detail the development of Foetal – membrane.