



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2011/2012

**IBP DECEMBER 2011 SESSION EXAMINATION FOR THE DEGREE OF
MASTER OF SCIENCE**

SZL 547: REPRODUCTIVE IMMUNOLOGY

DATE: Thursday 3rd May 2012

TIME: 9.00a.m -12.00p.m

INSTRUCTIONS:

Answer any FOUR questions.

All questions carry equal marks.

Illustrate your answers with diagrams and give examples where appropriate.

1. Histo-incompatibility among mates confer selective reproductive advantage. Discuss this statement.
2. Describe local maternal immune responses to the trophoblast.
3. Describe the regulation of maternal alloantigen responses in pregnancy.
4. Describe each of the following
 - (a) Concept of placental sponge
 - (b) Potential sources of maternal sensitization and implication to the foetus.
5. Mammary gland is an important common mucosal immune system for neonate survival. Discuss this statement.

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