

**W1-2-60-1-6**

## JOMO KENYATTA UNIVERSITY

**OF**

**AGRICULTURE AND TECHNOLOGY**

# UNIVERSITY EXAMINATIONS 2015/2016

**THIRD YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF**

**BACHELOR OF SCIENCE IN MEDICAL MICROBIOLOGY**

**MMB 2371: GENERAL PATHOLOGY**

**DATE: APRIL 2016 TIME: 2 HOURS**

**INSTRUCTIONS: ANSWER QUESTION ONE (COMPULSORY) AND ANY**

**OTHER TWO QUESTIONS**

**QUESTION ONE (30 MARKS)**

1. Define the term histopathology. [2 marks]

1. Differentiate the following descriptions: [6 marks]
2. Blood pressure
3. Normal blood pressure
4. Puehypertension
5. Hypertension
6. Define the term auto immunity. [2 marks]

1. Describe tissue repair and give an example. [6 marks]
2. Outline the different applications of cytology [4 marks]
3. Mention two consequences of dysregulated apoptosis. [2 marks]
4. Distinguish between atrophy and hypertrophy. [4 marks]
5. Describe type II hypersensitivity reactions. [4 marks]

**QUESTION TWO (20 MARKS)**

Discuss the use of formaldehyde and ethyl alcohol as fixatives and

state the purpose of fixation.

**QUESTION THREE (20 MARKS)**

Discuss the different host parasite interactions giving specific examples.

**QUESTION FOUR (20 MARKS)**

Discuss different factors that contribute to circulatory orders.