



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY  
SCHOOL OF AGRICULTURE & FOOD SCIENCES**

**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN  
ANIMAL SCIENCE**

**FOURTH YEAR SECOND SEMESTER 2017/2018**

**MAIN CAMPUS**

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**COURSE CODE: AAB 3423**

**COURSE TITLE: INTELLECTUAL PROPERTY RIGHTS AND PATENTS**

**EXAM VENUE:**

**STREAM:**

**DATE:**

**EXAM SESSION**

**TIME:**

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**Instructions:**

- 1. Answer all questions in Section A and any other 2 questions in Section B**
- 2. Candidates are advised not to write on the question paper**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room**

### **SECTION A (30 MARKS)**

1. Explain the following terms
  - (a) Patent
  - (b) Trademark
  - (c) Intellectual property
  - (d) Geographical indication (8 marks)
2. Briefly explain the patent process (2 marks)
3. Explain any FOUR conditions that an invention must fulfill to be protected by a patent (8 marks)
4. Intellectual property is divided into two categories. Briefly explain (2 marks)
5. Briefly discuss the role of WIPO (5 marks)
6. Briefly explain the significance of promoting and protecting intellectual property (5 marks)

### **SECTION B (40 MARKS)**

7. Discuss the recent amendments in Kenyan Act and regulations related to intellectual property rights (20 marks)
8. Discuss the GATT agreement and its impact on agriculture and biotechnology (20 marks)
9. Discuss the current status of patenting of gene and genetically engineered organisms (20 marks)
10. Discuss in details the recent development in the registration of inventions and the protection of IPR in developing countries. (20 marks)