



# THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A constituent of JKUAT)

**Faculty of Applied and Health Sciences**

**DEPARTMENT OF PURE AND APPLIED SCIENCES**

UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF  
TECHNOLOGY IN INDUSTRIAL MICROBIOLOGY AND  
BIOTECHNOLOGY

**BIMBT 09A**

## **SBT 2440: BIOPOLICY**

SPECIAL/SUPPLEMENTARY EXAMINATION

FEBRUARY 2013 SERIES

2

HOURS

Instructions to candidates:

This paper consist of **FIVE** questions

Answer question **ONE** (compulsory) and any other **TWO** questions

### **Question ONE**

- a) Explain the difference between ex-situ and in-situ conservation (4marks)
- b) Outline the scope of the Cartagena protocol on bio-safety (3marks)
- c) Highlight the difference between a confined field trial and contained use (4marks)
- d) Name TWO countries that are parties to the convention on international trade in Endangered species of wild Fauna and Flora. (2marks)
- e) State the main focus areas of the environmental management coordination Act (3marks)
- f) Outline the difference between genetic material and genetic resource (3marks)
- g) Highlight article 5 on pharmaceuticals of the Cartagena protocol on biosafety
- h) Differentiate between traditional knowledge and indigenous knowledge (4marks)
- i) Explain the difference between the derivative works and works for hire (4marks)

### **Question TWO**

Discuss article 8 on in-situ conservation of the consecution on biological diversity

**(20marks)**

### **Question THREE**

- a) Outline a summary of the steps necessary for obtaining a patent in Kenya **(11marks)**
- b) Explain the legal theories that protect interlectual property rights **(9marks)**

### **Question FOUR**

- a) Outline a summary of the steps necessary for obtaining a patent in Kenya **(11marks)**
- b) Explain the legal theories that protect interlectual property rights **(9marks)**

### **Question FIVE**

Describe article 10 on sustainable use of the compounds of biological diversity **(20marks)**