

**MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS**

 **2016/2017 ACADEMIC YEAR**

**THIRD YEAR FIRST SEMESTER**

**SCHOOL OF TOURISM AND NATURAL RESOURCE MANAGEMENT**

**BACHELOR OF SCIENCE IN ENVIRONMENTAL STUDIES**

**COURSE CODE: EPM 301**

**COURSE TITLE: ENVIRONMENTAL PLANNING,**

**MANAGEMENT AND CONSERVATION LAW**

**DATE: 1ST FEBRUARY, 2017 TIME: 1100 – 1300HRS**

**INSTRUCTIONS TO CANDIDATES**

* Answer Question 1 and any other three Questions.
* Note that Question 8 contains case law, a local and an international case, both cases contain equal marks (15 marks); you may review only one case of your choice.

***This paper consists of 2 printed pages. Please turn over.***

**SECTION A – (ANSWER ALL QUESTIONS) 25 MARKS**

1. Environmental planning and management is a key pillar in sustainable development, justify this statement. **(4 marks)**
2. Illustrate the guiding principles of the implementation of Kenya’s national environment policy. **(6 marks)**
3. Define the following basic concepts as used in environmental planning and management**.** **(10 marks)**
4. Environmental planning **(1 mark)**
5. Environmental management **(1 mark)**
6. Rapid Environmental Impact Assessment. **(1 mark)**
7. Environmental (or Ecological) Risk Assessment **(1 mark)**
8. Environmental Impact Assessment **(1 mark)**
9. Environmental Profiling. **(1 mark)**
10. Environmental Management System **(1 mark)**
11. Environmental Managementplan. **(1 mark)**
12. Eco and Hazard Mapping (EHM) **(1 mark)**
13. Strategic Environmental Assessment **(1 mark)**
14. Illustrate five functions of the forests boardunder the forests Act of Kenya **(5 marks)**

**SECTION B (ANSWER ONLY THREE) 45 MARKS**

5 (a) Discuss the significance of environmental impact assessment before implementation of any project. **(5 marks)**

 (b) Illustrate the outline of an Environmental Impact Assessment Report **(10 marks)**

6 (a) Discuss the functions of the National Environmental council. **(5 marks)**

 (b) Discuss the utility of the water Act of 2002 in relation to the             management of water as a natural resource in Kenya **(10 marks)**

**7**. (a) Discuss the Significance of the land control act. **(5marks)**

 (b)Discuss the functions of the Kenya Forest Service in relation to environmental management and conservation. **(10 marks)**

**8**. You have just been tasked with the responsibility of providing an environmental impact assessment report that requires you to review the lead poisoning case that happened in *Owino Uhuru*, a slum area In Mombasa city, adjacent to a lead battery recycling factory, review the lead poisoning case, citing the environmental impact, predisposing factors, relevant statute and your recommendations on what should be done, and what should have been done to avoid the catastrophe. **(15 marks)**

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