



EMBU UNIVERSITY COLLEGE
(A Constituent College of the University of Nairobi)

2015/2016 ACADEMIC YEAR

SECOND SEMESTER EXAMINATION

THIRD YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE
(MANAGEMENT OF AGRO-ECOSYSTEMS AND ENVIRONMENT)
AND BACHELOR OF SCIENCE (WATER RESOURCES MANAGEMENT)

AEM 302: PRINCIPLES OF ENVIRONMENTAL PROJECT PLANNING AND
MANAGEMENT

DATE: APRIL 5, 2016

TIME: 02:00-04:00

INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions

QUESTION ONE

- a) Explain the importance of a 'Master Document' for project. (5 Marks)
- b) Describe the concept of Scoping as used in environmental project management. (5 Marks)
- c) Discuss briefly what risk management is. (5 Marks)
- d) State the environmental indicators used in assessing the impact of environmental projects. (5 Marks)
- e) Outline FIVE components of a Communication Plan. (5 Marks)
- f) Explain the significance of 'Environment of human beings' in project design. (5 Marks)

QUESTION TWO

- a) Describe the activities involved in screening during the environmental impact assessment process. (12 Marks)

- b) Explain the activities involved in auditing during the environmental impact assessment process. (8 Marks)

QUESTION THREE

Using appropriate examples, briefly describe the following:

- a) Compare the differences between Project and Programme management. (10 Marks)
b) Describe the qualities of a good manager for an environmental project in Embu. (10 Marks)

QUESTION FOUR

- a) Using examples, explain the steps followed in risk management process. (11 Marks)
b) Illustrate the process of achieving environmental project design in Kenya. (9 Marks)

QUESTION FIVE

The County of Embu wants to expand a road passing through a forested area that also consists a spring that supplies water to neighboring communities. Discuss:

- a) The environmental issues that should be considered. (10 Marks)
b) The process of determining the types of stakeholders to be involved. (10 Marks)

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