

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF APPLIED SCIENCES

DEPARTMENT OF ENVIRONMENTAL SCIENCE AND HEALTH

BACHELOR OF SCIENCE HONOURS DEGREE

FINAL EXAMINATIONS

ENVIRONMENTAL IMPACT ASSESSMENT: ESH 4201

MAY 2012

Time allowed: 3 Hours

Total Marks: 100

INSTRUCTIONS:

Answer any FOUR questions. Each question carries 25 marks.

Question 1

“Agenda 21 recognises that sustainable development will occur at the global level if it is implemented at the local level”. Discuss this statement in relation to EIA.

Question 2

Describe and explain how you would carry out the scoping exercise for a mining project.

Question 3

Draft an Environmental Management Plan for a manufacturing industry upstream of a big water body.

Question 4

Critically analyse factors that may undermine the value of EIA.

Question 5

Discuss the benefits of effective public consultation/participation in the EIA process to various stakeholders.

Question 6

Produce an EIA report as required by the Environmental Management Agency in Zimbabwe for a development project of your own choice.

End of question paper

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SUPPLEMENTARY EXAMINATIONS**

ENVIRONMENTAL IMPACT ASSESSMENT : ESH 4201

July 2011

Time allowed: 3 Hours

Total Marks: 100

INSTRUCTIONS:

Answer any FOUR questions. Each question carries 25 marks.

Question 1

Discuss the roles of different stakeholders in an EIA process.

Question 2

Explain “Auditing” and its role in the success of EIA.

Question 3

Discuss impact identification methods in EIA.

Question 4

Design terms of reference that can be used for an EIA for a mining project.

Question 5

“EIA is a panacea for environmental problems in Zimbabwe”. Discuss.

Question 6

Public participation during an EIA process has advantages and disadvantages. Discuss.

End of Question Paper

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DEPARTMENT OF ENVIRONMENTAL SCIENCE AND HEALTH

**BACHELOR OF ENVIRONMENTAL SCIENCE HONOURS DEGREE IN PUBLIC
HEALTH**

FINAL EXAMINATIONS

ENVIRONMENTAL IMPACT ASSESSMENT: EPH 1101

August 2012

Time allowed: 3 Hours

Total Marks: 100

INSTRUCTIONS:

Answer any FOUR questions. Each question carries 25 marks.

Question 1

Give a detailed account of the EIA evolution that developed and developing countries experienced before the 1990s.

Question 2

Explore the role and importance of various stakeholders in the scoping exercise for a solid waste management project.

Question 3

Critically analyse how EIA can be used as a management tool to achieve intergenerational and intra generational equity as far as natural resource usage is concerned.

Question 4

Give an assessment of the principles for a good EIA practice.

Question 5

Draft the Terms of reference that can be used for a mining project under an Environmental Impact Assessment study.

Question 6

- a) Differentiate among the types of EIA audits (15 marks)
- b) “In God we trust, in man we seek evidence”. Justify this statement in Environmental Auditing. (10 marks)

End of paper

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HEALTH**

SUPPLEMENTARY EXAMINATIONS

ENVIRONMENTAL IMPACT ASSESSMENT : EPH 1101

MARCH 2013

Time allowed: 3 Hours

Total Marks: 100

INSTRUCTIONS:

Answer any FOUR questions. Each question carries 25 marks.

Question 1

Discuss the Environmental Impact Assessment (EIA) process

Question 2

The participation of various stakeholders in EIA is the key to successful impact identification. Justify this statement.

Question 3

Give an analysis of the role of scoping in the EIA process.

Question 4

Examine the potential environmental impacts of a project to dualise the Bulawayo-Gweru road.

Question 5

Discuss the principles on which the EIA policy is based.

Question 6

(a) Discuss any **THREE (3)** of the following terms in the context of EIA:

(i) Monitoring

(ii) Residual Impacts

(iii) Environmental Auditing

(iv) Environmental Management Plan (EMP)

(v) Mitigation

End of question paper