



THE OPEN UNIVERSITY OF SRI LANKA

FACULTY OF EDUCATION

MASTER OF SCIENCE DEGREE IN ENVIRONMENTAL SCIENCE

FINAL EXAMINATION - 2017

NEP2218 – ENVIRONMENTAL COMMUNICATION AND EDUCATION

DURATION – THREE (03) HOURS

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Date: 11.11.2017

Date: 9.30 a.m. – 12.30 p.m.

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Answer any Three (03) questions.

01. i. Write **two (02)** early definitions of environmental education and identify the key concepts in both definitions. **(20 marks)**
- ii. Compare the key concepts of the **two (02)** definitions and discuss their similarities and differences. **(40 marks)**
- iii. Examine the relevance of those key concepts in relation to the present Sri Lankan context and the Global context. **(40 marks)**
02. i. Consider a village community which includes literate as well as illiterate members and describe their activities that might not be environment friendly. **(20 marks)**
- ii. Explain the possible harmful effects of the activities of the villagers you mentioned above on the environment. **(20 marks)**
- iii. Design a short term educational programme to educate the village community about the environment and its conservation. **(60 marks)**
03. i. Explain why it is necessary for a country to achieve sustainable development. **(20 marks)**
- ii. Name and explain briefly **three (03)** strategies a country could adopt towards achieving sustainable development. **(30 marks)**
- iii. Examine the situation of Sri Lanka with regard to the **three (03)** strategies you mentioned in (ii) above in its' attempts in achieving sustainable development. **(50 marks)**

4. i. Write a reflective essay on the modes by which Sri Lanka's Biodiversity is captured in the nation's literary works in Sinhala, Tamil or English.  
(The maximum number of words in the essay – 1000 words) **(50 marks)**
- ii. Environment and culture have a close bond as evident from Sri Lanka's traditional literature. Do you agree? Discuss in a short essay using traditional literature as your standpoint.  
(The maximum number of words in the essay – 1000 words) **(50 marks)**
5. i. List the special characteristics expressed by "children in adolescence".  
**(20 marks)**
- ii. Briefly describe **four (04)** appropriate methods that can be adopted to instill environmental friendly concept in adolescent aged children. **(40 marks)**
- iii. Prepare a summarized lesson plan on "sustainable management of urban solid waste in Colombo" to educate children in adolescent age who live in slums of Colombo city. **(40 marks)**
6. i. What is meant by "Environmental education and awareness"? **(20 marks)**
- ii. Briefly describe the diverse nature of the environmental issues and learner groups you would meet when conducting environmental education programmes.  
**(40 marks)**
- iii. Briefly explain different teaching-learning techniques which can be adopted to deal with the above mentioned diverse learner groups and issues. **(40 marks)**
7. Write short notes on **any three (03)** of the following.
- i. Competencies of an actual environmental educationist.
- ii. Techniques used for assessment and evaluation of an environmental education programme.
- iii. Special characteristics of adult learners and techniques in providing learning experiences on environmental issues.
- iv. Distinct techniques need to be adopted in environmental awareness programme conducted for pre-school children.

**(33 marks for each +1=100)**

**(Total marks 300/3=100)**