



**MASENO UNIVERSITY**  
**UNIVERSITY EXAMINATIONS 2016/2017**

**FIRST YEAR FIRST SEMESTER EXAMINATIONS FOR  
THE DEGREE OF MASTER OF SCIENCE IN  
ENVIRONMENTAL SCIENCE**

**CITY CAMPUS**

**NES 820: ENVIRONMENTAL THEORY AND PRACTICE**

Date: 1<sup>st</sup> December, 2016

Time: 2.00 - 5.00 pm

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**INSTRUCTIONS:**

- Answer ANY FOUR questions.
- All questions carry equal marks

## NES 820: ENVIRONMENTAL THEORY AND PRACTICE

**INSTRUCTIONS: Answer ANY FOUR Questions [Each Question is 15 Marks]**

1. In modern world, there exist a mismatch between the desire for an environment of quality and the practices which lead to severe natural resource degradation. Explore some theory options that can reset the balance.
2. Identify some three fundamental environmental theories relied upon for the push for a better world, and discuss their key pillars.
3. Differentiate between risks and vulnerability among different communities attributable to poor management of the natural resource base, and show the likely outcome if the situations are not reversed.
4. Discuss the tension that arise when some scholars insist that the way forward for achieving a lasting ecosystem health is through the adoption of Indigenous World view.
5. In recent times there are trends from Environmental Impact Assessment (EIA) to Environmental and Social Impact Assessment (ESIA), and also a move to Sustainable culture = Environmental Sustainability + Human Dignity away from Sustainable Development. Discuss the theoretical foundation informing this trend.
6. Discuss the philosophical foundation between Human Development Index (HDI) and Happy Planet Index (HPI).