



MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2017/2018

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR THE
DEGREE OF BACHELOR OF ARTS IN URBAN & REGIONAL
PLANNING WITH INFORMATION TECHNOLOGY**

CITY CAMPUS -REGULAR

PUR 115: INTRODUCTION TO EARTH SCIENCE SYSTEMS

Date: 16th February, 2018

Time: 9.00 - 12.00pm

INSTRUCTIONS:

- Answer Question ONE and any other TWO.



1. (i) Explain the essence of Earth Science.(5Marks)
(ii) Describe the Earth as a field of Scientific Studies.(10Marks)
(iii) With the aid of a diagram, describe the structure of the Earth.(5Marks)
(iv) Differentiate between the Lithosphere and the Asthenosphere.
(10Marks)
2. Describe the components of an Atmosphere.(20Marks)
3. Discuss the key methods Meteorologists use to forecast the weather.(20Marks)
4. (i) Explain the difference between Igneous Rocks, Sedimentary Rocks and Metamorphic Rocks.(10Marks)
(ii) With the aid of a diagram, describe the Rock formation cycle on the Earths crust.(10Marks)
5. (i) Differentiate between Renewable and non renewable Environmental Resources.(10Marks)
(ii) Explain the efforts one would put in place to conserve the non renewable Metallic Mineral Resources. (10Marks)
6. Discuss the key factors involved in the soil formation. (20Marks)