



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2013/2014

FOURTH YEAR SECOND SEMESTER EXAMINATIONS FOR THE
DEGREE OF BACHELOR OF ARTS IN URBAN & REGIONAL
PLANNING WITH INFORMATION TECHNOLOGY
(CITY CAMPUS)

NPL 408: PLANNING FOR TRANSPORT SERVICES

Date: 4th April, 2014

Time: 9.00 – 11.00 a.m.

INSTRUCTIONS:

- Answer Question ONE and any other TWO questions.

NPL 408: Planning for Transport Services (City Campus)

ANSWER QUESTION 1 & ANY OTHER 2

1. Discuss the major rural and urban transport problems in Sub-Saharan Africa (30 Marks)
2. Explain the use of any **Three** of the following pair of terms when planning for transport services; (20 Marks)
 - a) Modal split and Modal transfer
 - b) Trip generation and Trip distribution
 - c) Traffic calming effects and Traffic counts
 - d) Service lanes and Cul-de-sacs
3. Discuss the various components of mobility handicap and the interventions to be put in place to improve provision of transport services for the physically challenged persons. (20 Marks)
4. Discuss the advantages and disadvantages of the use of Non-Motorized Transport (NMT) in African cities. Explain how transport planning can be used to promote NMT. (20 Marks)
5. Discuss the advantages of using sea ports and air ports over other transport terminals. (20 Marks)
6. Describe the five major street patterns. Explain their advantages and disadvantages in transport service provision in urban areas. (20 Marks)