



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2015/2016

**FOURTH YEAR SECOND SEMESTER EXAMINATION FOR THE
DEGREE OF BACHELOR OF ARTS IN URBAN AND REGIONAL
PLANNING WITH INFORMATION TECHNOLOGY**

CITY CAMPUS

PUR 425: TRANSPORTATION PLANNING

Date: 24th April, 2016

Time: 2.00 - 4.00pm

INSTRUCTIONS:

- **Answer Question ONE (Compulsory) and any other TWO Questions.**



1. As a physical planner in charge of Maji Mema County, the governor has tasked you to prepare a transportation strategy to boost the agriculture sector in the county. Outline the major urban regional and rural transportation challenges and the opportunities you need to consider? **(30 Marks)**
2. The county of Townsville has identified major infrastructure projects in its recently prepared Integrated Strategic Plan, outline and explain four major options they can exploit to fund the projects? **(20 Marks)**
3. You have been appointed to drive the preparation of the Country's Transport policy. Outline and explain the major processes necessary for realization of the policy objectives? **(20 Marks)**
4. The town of Walkville has largely been occupied by a manageable population size that mainly depended on automobile transport. However, over time, the population has grown two fold with majority falling under the middle and low income. Furthermore, there has been an increase in the number of private vehicles on the roads as the capacity existing in public transport cannot suffice to serve the population, resulting in heavy air pollution and as the planner for this city, outline some of the interventions you would propose to manage the existing situation? **(20 Marks)**
5. Define sustainable transportation and explain any four principles that can guide its realization? **(20 Marks)**
6. Outline and explain the main roles of different levels of government in realization of reliable and sustainable transport? **(20 Marks)**