



QUALIFICATION : BCOM HONOURS
MODULE : TRANSPORT AND LAND USE PLANNING
CODE : TRE8X03
DATE : JUNE 2017 (MAIN EXAMINATION)
DURATION : 180 MINUTES
TIME : 08:30-11:30
TOTAL MARKS : 180

EXAMINER : DR R LUKE
MODERATOR : MRS K VISSER
NUMBER OF PAGES : 2 PAGES

INSTRUCTIONS TO CANDIDATES:

- Answer all the questions
- Question papers must be handed in.
- This is a closed book assessment.
- Read the questions carefully and answer only what is asked.
- Number your answers clearly.
- Write neatly and legibly
- Structure your answers by using appropriate headings and sub-headings.

The general University of Johannesburg policies, procedures and rules pertaining to written assessments apply to this assessment

QUESTION 1**(30 MINUTES: 30 MARKS)**

Some of the aims of building the Gautrain included the relief of congestion on Gauteng's major routes, stimulating development, growing the economy and creating job opportunities, changing the urban structure, assisting the development of Small and Medium Enterprises (SMEs) and contributing towards Black Economic Empowerment. Critically evaluate this statement. In your evaluation, you should be able to describe the extent to which these goals have been met / have not been met and provide reasons / evidence for your answers. Describe any other socio-economic impacts the project has had.

QUESTION 2**(30 MINUTES: 30 MARKS)**

The City of Johannesburg had major problems when it implemented the system of e-tolling on the highways around the city. It is often said that an appropriate public participation process could have prevented the civil unrest. Explain the purpose of public participation. Describe the outcomes that an appropriate process should have achieved? Propose a public participation process that would have achieved these aims. Analyse what you think went wrong in the original public participation process.

QUESTION 3**(70 MINUTES: 70 MARKS)**

You are a consultant and have been tasked with compiling an ITP for Mangaung.

- i. You are aware that the most critical aspect of any ITP is an idea of how the city should function in the long term. You will therefore need a good transport vision and a set of goals for your town. Develop a vision and set of goals that attempts to address the needs of as many transport users as possible.
(10 marks)
- ii. Part of the plan requires that you put together a CPTR. Propose how you would collect data for the CPTR. Include in your discussion what data you need to collect, how you would collect it and how you would determine sample size.
(20 marks)
- iii. Provide a broad overview of your plan. Your plan must comply with the minimum requirements for ITPs.
(40 marks)

QUESTION 4**(50 MINUTES: 50 MARKS)**

Every urban area has a variety of urban transport problems. Provide an outline of the most serious urban transport problems in the City of Johannesburg (15 marks). Using your knowledge of TDMs, develop a TDM plan that will address as many of the urban transport issues in the city as possible (25 marks). Are there any of the urban transport problems that cannot be addressed by means of your TDM plan? Identify them and propose other options to address the outstanding issues.(10 marks)