PROGRAM	:	BACHELORS DEGREE IN *URBAN AND REGIONAL PLANNING*
SUBJECT	:	**REGIONAL ANALYSIS AND DEVELOPMENT PLANNING**
CODE	:	**RADTRA3**
DATE	:	WINTER EXAMINATION **3** JUNE 2019
DURATION	:	(X-PAPER) 08:30 - 11:30
WEIGHT	:	50:50
TOTAL MARKS	:	100

EXAMINERS	:	PROF W MUSAKWA
MODERATOR	:	DR T MUPHAMBUKELI
NUMBER OF PAGES	:	2 (TWO) PAGES.

INSTRUCTIONS TO CANDIDATES
- PLEASE ANSWER ANY FOUR QUESTIONS
- YOU MUST SHOW COMPETENCY IN THEORY & CONCEPT AWARENESS.
- READ THE PAPER AS A WHOLE BEFORE YOU START

SECTION A

1. Population and demographical analysis is crucial in formulating relevant plans? Discuss. (25)

2. Urban sprawl is often cited as an unsuitable form of development. Discuss the positive and negative impacts of urban sprawl on cities. (25)

3. Discuss the application of Alfred Webber's least cost theory, August Lösch's profit maximisation and Walter Christaller's central place theory in urban and regional planning. (25)

4. Define the following methods of regional analysis

    a. Input-output model (5)

    b. Shift share analysis (5)

    c. Economic base model (5)

    d. How useful are these models in the planning and management of cities in South Africa (10)

5. Identify and explain the factors that have led to Silicon Valley (USA) and the Massachusetts Biotech cluster (USA) being successful industrial locations. (25)

TOTAL = 100