



PROGRAM : BACCALAUREUS TECHNOLOGIAE(B.TECH)
TOWN AND REGIONAL PLANNING

SUBJECT : CITY AND REGIONAL PLANNING

CODE : CRP 431

DATE : NOVEMBER EXAMINATION
22 NOVEMBER 2016

DURATION : (SESSION 1)
08:30 – 11:30

WEIGHT : 50:50

TOTAL MARKS: 100

EXAMINERS : DR TRYNOS GUMBO

MODERATOR : DR EMACULATE INGWANI

NUMBER OF PAGES : 2 (TWO) PAGES.

INSTRUCTIONS TO CANDIDATES

- READ THE QUESTIONS CAREFULLY AND ANSWER ANY FOUR QUESTIONS
 - EACH QUESTION CARRIES EQUAL MARKS
 - YOU MUST SHOW COMPETENCY IN THEORY AND CONCEPT AWARENESS.
 - BE VERY LOGICAL IN YOUR RESPONSES AND USE EXAMPLES WHERE APPLICABLE
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1. With the aid of concrete and practical examples, critique the distinction between theories **of** planning and theories **in** planning; and demonstrate how these theories aid the practice of urban and regional planning in South Africa today. [25 Marks]

2. Discuss the main tenets, arguments for and efficacy of the following procedural planning theories towards ameliorating urban planning and development challenges that are being experienced in South African cities today;
 - i. Radical planning [5Marks]
 - ii. Advocacy planning [5Marks]
 - iii. Systems planning [5Marks]
 - iv. Mixed scanning [5Marks]
 - v. Incrementalism [5Marks] [25 Marks]

3. With aid of relevant examples, critically discuss in detail the key concepts and building blocks that define town planning as a discipline, highlighting the key activities and their intended purposes. [25 Marks]

4. With aid of concrete and relevant examples, critically demonstrate the attributes of the following substantive planning theories and their contribution towards the planning and development of contemporary urban and regional spaces in the Global South ;
 - i. Least cost industrial locational theory [5Marks]
 - ii. Central place theory [5Marks]
 - iii. Bid rent theory [5Marks]
 - iv. Growth pole theory [5Marks]
 - v. Agricultural land use theory [5Marks] [25 Marks]

5. Critically discuss the contemporary urban planning and development challenges faced by South African municipalities, and demonstrate how Chapter 4 and Chapter 5 of the Spatial Planning and Land Use Management Act (SPLUMA) (2013) can help in resolving these challenges. [25 Marks]

6. Using city and regional planning examples, critically demonstrate the place of the following techniques, theories and models in regional spatial analysis and locational planning;
 - i. Economic Base analysis [5Marks]
 - ii. Social Area Analysis [5 Marks]
 - iii. Shift- Share Analysis [5 Marks]
 - iv. Input - output analysis [5 Marks]
 - v. Sieve spatial analysis [5 Marks] [25 Marks]

TOTAL = 100
