



PROGRAM : NATIONAL DIPLOMA
TOWN AND REGIONAL PLANNING

SUBJECT : PLANNING DESIGN III (Module B)

CODE : DPSB 321

DATE : SUMMER EXAMINATION 2015
12 NOVEMBER 2015

DURATION : (SESSION 2) 12:30 - 15:30

WEIGHT: 50:50

TOTAL MARKS: 100

EXAMINERS: DR W MUSAKWA & MR Z MBINZA

MODERATOR : DR T GUMBO

NUMBER OF PAGES : 2 (TWO) PAGES.

INSTRUCTIONS TO CANDIDATES

- PLEASE ANSWER ANY THREE QUESTIONS IN SECTION A AND ALL IN SECTION B
 - YOU MUST SHOW COMPETENCY IN THEORY & CONCEPT AWARENESS.
 - READ THE PAPER AS A WHOLE BEFORE YOU START
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PLANNING DESIGN (MODULE B) DPSB321
SUMMER EXAMINATION 5 NOVEMBER 2015
SECTION A

1. Describe and explain the following concepts and or theories in Regional Planning
 - a. Shift share analysis (5)
 - b. Economic base analysis (5)
 - c. Input output analysis (5)
 - d. Population growth analysis (5)
 - e. Geographical or spatial analysis (5)
2. Define and discuss the positive and negative consequences of urban sprawl. Use local and international examples to make your argument. (20)
3. How can the theories of location be used to explain the location of industry and economic activity in South Africa (20).
4. Strategic Spatial Planning has been identified as a viable avenue of achieving South Africa's developmental status. In light of the above and South Africa's burgeoning democracy, propose solutions to challenges that threaten the proliferation of Strategic Spatial Planning in South Africa. (20)

[60]

SECTION B

- 5 "The City of Johannesburg has a goal of becoming, 'A World Class African City'. The city also has aspirations of becoming a smart city". Discuss these statements arguing that, the City of Johannesburg is both "smart" and "dumb". (20)
6. The commuting experience in cities such as Johannesburg is often described as uncondusive. How can intelligent transport systems (ITS) and information communications technology (ICT) improve the public transport services and the commuting experience in cities of the developing world (20)

[40]

TOTAL = 100
