PROGRAM	:	NATIONAL DIPLOMA *TOWN AND REGIONAL PLANNING*
SUBJECT	:	**PLANNING DESIGN II**
CODE	:	**DPS 211**
DATE	:	SUMMER EXAMINATION 27 NOVEMBER 2017
DURATION	:	(X-PAPER) 12:30 – 15:30
WEIGHT	:	50:50
TOTAL MARKS	:	100

EXAMINER	:	MR Z MBINZA
MODERATOR	:	MR E MAKONI
NUMBER OF PAGES	:	2 PAGES.

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INSTRUCTIONS TO CANDIDATES
- PLEASE ANSWER ALL QUESTIONS
- YOU MUST SHOW COMPETENCY IN THEORY, CONCEPT AWARENESS, LOCATION, DESIGN LAYOUT AND SCALE.
- READ THE PAPER AS A WHOLE BEFORE YOU START

QUESTION 1: THEORY

1.1 Make a critical discussion on how SPLUMA has moved in achieving the potential benefits of New Urbanism. Then, provide a point of departure in as far as how you would go about bolstering New Urbanist principles in township settings. (20)

1.2 Make a compelling case for the adoption of neighbourhood design principles for the revitalization of derelict urban spaces within cities. (20)

1.3 Write a letter to the Executive Manager: Development Planning and Police Commissioner in your local municipality detailing how the adoption of CPTED principles will assist in the combating of conventional crime. (20)

[60]

QUESTION 2: SUBDIVISIONAL LAYOUT PLAN CALCULATIONS

Given: A Development Site with a total site area of 835 456m² and a road reservation of 19%.

Calculate the following:

   a) Total number of units at a base density of 50 dwelling units per hectare.

   b) Erf size (include proper dimensioning of each)

   c) Total number of neigbourhoods

   d) Permissible number of primary schools and high schools

[25]

QUESTION 3

3.1 Prepare a group housing development proposal based on actual calculations assuming there is a total of 48 final three storey units provided. The unit size is 70 m² total site area of the site is 1.25 Ha. The road reserve allocation is 15% of the total group housing site. The parking ratio is 1.5 parking bay(s) per unit.

[15]

TOTAL [100]