



**PROGRAM** : NATIONAL DIPLOMA  
*ENGINEERING: BUILDING*

**SUBJECT** : **CONSTRUCTION MANAGEMENT 1**

**CODE** : **CONM 111**

**DATE** : SUMMER SSA EXAMINATION 2017  
11 JANUARY 2017

**DURATION** : (SESSION 1) 08:00 - 11:00

**WEIGHT** : 40: 60

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**TOTAL MARKS** : 100

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**ASSESSOR** : M.W.NKOMO

**MODERATOR** : DR.I MUSONDA

2297

**NUMBER OF PAGES** : 3 PAGES

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**INSTRUCTIONS** : ANSWER THE QUESTIONS IN SEQUENCE

**REQUIREMENTS** : ANSWER BOOK

**INSTRUCTION TO CANDIDATES:**

PLEASE ANSWER ALL THE QUESTIONS IN **SEQUENCE**

**QUESTION 1**

1.1 Outline and briefly describe the planning phases of a construction project and in **EACH** planning phase outline **three** duties of a professional quantity surveyor. (14)

1.2 Outline and discuss the duties of a professional construction project manager on this construction project. (11)

1.3 Describe the procedure of settling disputes among employees and employers bodies. (4)

**[29]**

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**QUESTION 2**

2.1 Identify and discuss the problems that are likely to be encountered by Frenzy, and Chezznezz, as a small and medium contractor. (10)

2.2 Outline and discuss the processes of management which, Hamba Kahle Construction Company will use when they go into a joint venture with Chezzness to ensure the smooth running of this project. (11)

**[31]**

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**QUESTION 3**

3.1 Briefly describe the procedure for conducting a method study? (15)

3.2 Describe the term "work measurement." (2)

3.3 Outline and discuss the general procedure for conducting work measurement. (6)

**[23]**

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**QUESTION 4**

4.1 Outline eight records that should be kept by clerks of works. (4)

4.2 Discuss four factors that determine a salary scale. (4)

4.3 Briefly outline and describe the various parties that should be involved in construction project. (9)

**[17]**

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## **QUESTION 5**

5.1 You have successfully bid for and been awarded a contract for the construction of RDP housing units for the Gauteng Department of Housing. List and discuss the nine various activities that you will carry out during the pre- contract phase of construction. (9)

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**[9]**

**TOTAL: 100**

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