



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

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

**CODE** : **FCONM 11B**

**DATE** : NOVEMBER EXAMINATION  
07 NOVEMBER 2014

**DURATION** : (SESSION 1) 08:30 - 11:30

**WEIGHT** : 40: 60

**TOTAL MARKS** : 100

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**ASSESSOR** : MR. OA BALOGUN

**MODERATOR** : DR.I MUSONDA FILE NO

**NUMBER OF PAGES** : 3 PAGES

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**INSTRUCTIONS** : ANSWER ALL QUESTIONS.

**REQUIREMENTS** : CALCULATOR, PEN, RULER AND PENCIL.

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## **INSTRUCTIONS TO STUDENTS**

PLEASE ANSWER ALL QUESTIONS.

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### **QUESTION 1**

- 1.1 With the aid of an organogram, describe the production process. (5)
- 1.2 Discuss how work environment affect industrial productivity? (5)
- 1.3 In what ways is productivity important. List five and discuss any one of them (10)
- 1.4 A company produces 20,000 items per day. The labour cost is R2, 300, material cost is R1, 000, and overheads are R170. Determine the productivity ratio? (5)

**[25]**

### **QUESTION 2**

- 2.1 Discuss the term standardization of a product? (10)
- 2.2 List two aims why a company will standardize its product? (2)
- 2.3 Explain the benefit of standardization to the construction industry? (8)
- 2.4 List 5 levels of standardization? (5)

**[25]**

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**QUESTION 3**

- 3.1 State five ways a product can be classified or standardized? (5)
- 3.2 Give five advantages of product simplification? (5)
- 3.3 Discuss the term product elimination? (5)
- 3.4 State five reasons why a producer will decide not to eliminate a sick product? (5)

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**[20]**

**QUESTION 4**

- 4.1 List and discuss three reasons that the manager of a cement manufacturing company will have to consider in deciding a suitable location for the factory? (10)
- 4.2 What are the two main factors that Alfred Webber insisted should be considered before locating a company? (5)
- 4.3 List and discuss three main factors that affect the location of an industry? (15)

**[30]**

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**TOTAL = 100**

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