



**ZIMBABWE**

**MINISTRY OF HIGHER AND TERTIARY EDUCATION**

**HIGHER EDUCATION EXAMINATIONS COUNCIL  
(HEXCO)**

**NATIONAL DIPLOMA**

**IN**

**ALL ENGINEERING COURSES**

**SUBJECT: Project Management**

**PAPER NO: 578/S11**

**OCTOBER / NOVEMBER 2013 EXAMINATION**

**REQUIREMENTS**

**Answer Booklet**

**INSTRUCTIONS TO CANDIDATE**

1. Answer any five questions.
2. Show all necessary calculations.

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*This paper consists of 3 printed pages.*

QUESTION 1

- a) Explain six documents that are used in supply of materials. (12 marks)
- b) Describe any four controlling processes you know. (8 marks)

QUESTION 2

Briefly explain what you understand by the following terms:

- a) Project management (5 marks)
- b) Authority (5 marks)
- c) Delegation (5 marks)
- d) Span of control (5 marks)

Land

Client

Design team

Design Standard

QUESTION 3

With the aid of a diagram explain Quality Control stages from land up to client's satisfaction. (20 marks)

QUESTION 4

Discuss in detail the advantages and disadvantages of using networks. (20 marks)

Contractors

Site Super

QUESTION 5

- a) Briefly explain any seven causes of accidents on construction site. (14 marks)
- b) Outline the advantages and disadvantages of package deal contract. (6 marks)

Completion

Hand over and take over

QUESTION 6

- a) Explain how material waste on site can be reduced. (14 marks)
- b) Write detailed description of your understanding of site supervision. (6 marks)

QUESTION 7

- a) Explain how site security can be achieved. (6 marks)
- b) Write short notes on your understanding of constructionability. (4 marks)
- c) Describe “General appearance” in quality control. (10 marks)

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