



**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
FACULTY OF INDUSTRIAL TECHNOLOGY
DEPARTMENT OF CIVIL AND WATER ENGINEERING
CIVIL ENGINEERING BUSINESS STUDIES 1
TCW 3106**

**Supplementary Examinations
July 2017**

This examination paper consists of 2 pages

Time Allowed: 3 hours

Total Marks: 100

Special Requirements: NIL

Examiner's Name: Mr P.GONDE

INSTRUCTIONS:

1. Answer **ANY FOUR** questions. Each question carries **25 Marks**. This paper contains **SIX** questions.
2. The first fifteen minutes should be spent reading the question paper and making notes.
3. **Do not** open your answer sheet until told to do so.
4. Marks will be awarded for skill in appreciating the scope of questions, clarity of argument and conciseness of presentation as well as for the knowledge displayed by a candidate

MARK ALLOCATION

QUESTION	MARKS
1.	25
2.	25
3.	25
4.	25
5.	25
6.	25

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QUESTION 1

Explain the four basic concepts of systems theory in the context of textile environment.

[25 Marks]

QUESTION 2

The four fundamental functions of management are performed at different levels of management but in different combinations.

Discuss.

[25 Marks]

QUESTION 3

Characteristics of the management environment define why continuous scanning of the environment is necessary for the long term success of organisations.

Use a civil engineering organisation of your choice to explain the characteristics of the environment.

[25 Marks]

QUESTION 4

Identify a civil engineering company of your choice to discuss the Porter's Five Forces Model.

[25 Marks]

QUESTION 5

Strategic plans are designed to ensure that the organisation is aligned with the changing external environment formulated by top management and focus on the entire organisation.

- a. Explain components of a strategic level plan. [8 Marks]
- b. Show the characteristic of strategic plans. [9 Marks]
- c. Clearly state the vision and subsequent mission statements of NUST. [8 Marks]

QUESTION 6

Use a civil engineering company to discuss options of overcoming planning barriers.

[25 Marks]

END OF EXAMINATION QUESTION PAPER