



NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF APPLIED SCIENCE

DEPARTMENT OF APPLIED CHEMISTRY

PROFESSIONAL STUDIES FOR SCH AND EFW

SCH 1103

Supplementary Examination Paper

August 2015

This examination paper consists of 3 pages

Time Allowed: 3 hours

Total Marks: 100

Special Requirements:

Examiner's Name: MRS B J NJINI

INSTRUCTIONS

1. Answer **all** questions in Section A and **any two** questions from Section B. Section A carries 60 marks and each question in Section B carries 20 marks.

MARK ALLOCATION

QUESTION	MARKS
1.	60
2.	20
3.	20
4.	20
TOTAL	100

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SECTION A (Answer all questions in this Section)

QUESTION 1

In strategic planning process, Peter Drucker argues that there are two (2) questions which are essential for every business to answer.

- (i) What are these two questions? (4 marks)
- (ii) Who answers the first question? (4 marks)

QUESTION 2

In the economy, there are three (3) types of decision-makers. List them. (6 marks)

QUESTION 3

Name the four (4) factors of production and briefly explain each. (16 marks)

QUESTION 4

The process of determining what a job entails is known as job analysis. Explain briefly what a job analysis is. (10 marks)

QUESTION 5

List only five (5) characteristics of an entrepreneur. (10 marks)

QUESTION 6

List the five legal forms of business one could choose from when wanting to start own business. (10 marks)

SECTION B (Answer any two questions from this Section. Each question carries 20 marks.)

QUESTION 7

Write in a note form on the following:

- (i) Scarcity. (3 marks)
- (ii) Reference Letter. (5 marks)
- (iii) Problems of Global Warming. (12 marks)

QUESTION 8

Discuss objectively the issues that lead to the enrolment of fewer female students in the Faculty of Science. (20 marks)

QUESTION 9

Safety at work and accident prevention in the 21st Century is very critical to all key players in the industry. Critically analyse how the problem could be minimised. (20 marks)

QUESTION 10

Using motivational theories learnt during the course, discuss how a manager in a business organisation could motivate his/her employees to improve their performance and also achieve quality products. (20 marks)

End of Question Paper!!!

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