



**FACULTY OF ENGINEERING AND ENVIRONMENT
DEPARTMENT OF GEOMATICS AND SURVEYING
PROFESSIONAL AND INDUSTRIAL STUDIES**

EGS 3105

Final Examination Paper

2021

This examination paper consists of 3 pages

Time Allowed: 3 hours

Total Marks: 100

Examiner's Name: Miss P. Nyakudya

INSTRUCTIONS

1. Answer **ANY FOUR** Questions
2. **NB: DO NOT TURN OVER THE QUESTION PAPER OR COMMENCE WRITING UNTIL INSTRUCTED TO DO SO**

Additional Requirements

NO Additional Requirements Needed

MARK ALLOCATION

Question 1 to 6	Each question carries 25 marks
Total Attainable	100

THE ORGANISATION AS A SYSTEM			
1.	a	Explain the following concepts:	
	i	Organisational culture;	[3]
	ii	Financial statements;	[3]
	iii	Motivation	[4]
	b	Using examples, briefly explore the role of change management in organisational growth.	[6]
	c	Outline any three (3) levels of analysing behaviour in organisations.	[9]
2	a	Explain any three (3) leadership styles that can be adopted by a product development manager in a small GPS kits manufacturing firm facing competition from large international companies.	[10]
	b	The shareholders of a land surveying firm wish to adopt the best organizational structure at start up. Advise the management on the following structures.	
	i	Functional	[5]
	ii	Project-based	[5]
	iii	Matrix	[5]
RELATIONSHIPS AND COMMUNICATION IN ORGANISATIONS			
3	a	Explain the importance of communication in an organisation.	[10]
	b	Using the three elements of communication and examples, explain how communication can help in the successful development and use of Geomatics and Surveying related innovations in Zimbabwe.	[15]
4	a	Briefly explain the importance of understanding the industry business environment by managers.	[5]
	b	Using relevant examples, elaborate on the assertion that ‘professional and industrial studies is multidisciplinary and change oriented’.	[20]

REVIEWS AND PERFORMANCE MEASURES IN ORGANISATIONS			
5	a	Outline four (4) types of organisational performance measures.	[8]
	b	Analyse the relevance of measuring and managing performance in engineering based organisations.	[17]
STRATEGIES FOR MOTIVATING IN ORGANISATIONS			
6		As a new intern at Geomatics Pvt Ltd. which is a small company, you realise that the members in your department have an individualist attitude. Using an illustration of the Rose of Leary model, design a strategy which can foster cooperation among team members.	[25]

End of Paper