



**FACULTY OF ENGINEERING AND ENVIRONMENT
DEPARTMENT OF SURVEYING AND GEOMATICS**

Project Planning

ESG 5102

Final Examination Paper

This examination paper consists of 3 printed pages

Time Allowed: 3 hours

Total Marks: 100

Examiner's Name: Eng C Musiiwa

INSTRUCTIONS

1. Answer any 5 questions
2. Use of calculators is permissible, but programmable calculators are not allowed in the exam

MARK ALLOCATION

Question 1	20Marks
Question 2	20 Marks
Question 3	20 Marks
Question 4	20 Marks
Question 5	20 Marks
Question 6	20 Marks
Total Attainable	100

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Question 1 [20 Marks]	
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1	Explain giving examples the following project management terms.	
	<ol style="list-style-type: none"> 1. Project Procurement planning 2. Contract management 3. Cost management 4. Contingency reserve 5. Project safety management plan 	

Question 2 [20 Marks]		
2a)	An inexperienced client is about to undertake a construction project for the first time. They approached a survey company called Silly Cerevita Sibanda and sons. Advise the client regarding how they should structure and manage interactions with this company to ensure that their requirements are met and the project can progress without problems.	[20]

Question 3 [20 Marks]		
3a)	Identify sustainable surveying shortcomings and how they can be addressed in the Zimbabwean surveying sector.	[20]

Question 4 [20 Marks]		
4a)	The current global trends are moving towards equal opportunities. As a projects manager, evaluate and assess the benefits of the indigenization and women empowerment policies in the surveying sector.	[20]

	Question 5 [20 Marks]	
	As a projects manager, it is your duty to ensure that each goal you set is the SMARTTEST. Explain what is meant by this phrase.	[20]
d)	Question 6 [20 Marks] Zimbabwe has an unemployment rate of more than 50%, therefore there is a little need for surveying firms operating in the country to concern themselves with human resource management. Discuss the validity of this statement.	[20]

END OF EXAMINATION