THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

A. M. E. C. E. A

MAIN EXAMINATION

JANUARY – APRIL 2022

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FACULTY OF ARTS AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES & DEVELOPMENT STUDIES

REGULAR/ODEL PROGRAMME

MSW 503/DPM 532/MPM 500/ MDS 511: PROJECT PLANNING AND MANAGEMENT

Date: APRIL 2022	Duration: 3 Hours
INSTRUCTIONS: Answer any FOUR questions	

Q1.   a) Using relevant examples, Explain in detail the major characteristics of a project.
(9 marks)

b) Identify with clear examples the sources of project ideas stating the weaknesses and strengths of each source.   **(6 Marks)**

Q2.   Identify at least FIVE common types of risks in project planning and propose viable measures useful in minimizing them.   **(15 marks)**

Q3.   The County government of Nairobi City has appointed you to be the Chief executive officer in charge of Medical services and public health. Solid waste is increasing day after day and scattering all over in the CBD. Using a problem tree and solution tree analysis, demonstrate your intervention strategy and criteria.   **(15 marks)**

Q4.   Describe the dynamic categories of project proposals. With solutions, explore the strengths and weaknesses of donor funding in Africa.   **(15 marks)**

Q5.   With relevant examples, Identify FIVE project appraisal viewpoints. Explain in details how each viewpoint is used in analyzing the viability of a project.   **(15 marks)**

ISO 9001:2015 Certified by the Kenya Bureau of Standards

Q6. A bore-hole Water Project in Makueni County had the following activities:-

Activity	Description	Predecessor	Time in (Weeks)
A	Site exploration	None	4
B	W/ Sample Testing	A	6
C	Site Survey	A	3
D	Bore-hole sinking	B	6
E	Deepening the hole	D	14
F	Supply/ connect pipes	C	5
G	Pilot Testing	E& F	2
H	Fix Solar Pump	G	2
I	Pre-test Pump	G	3
J	Build operation House	H & I	4
K	Hand over to community	J	2

a) Draw the project service delivery network diagram. **(5marks)**

b) Determine the possible activity coordination paths in the project. **(4 marks)**

c) Identify the critical path in the project. **(2 marks)**

c) Describe the strengths of PERT/CPM network methods in project management. **(4 Marks)**

END