



ZIMBABWE EZEKIEL GUTI UNIVERSITY

FACULTY OF HEALTH, SCIENCE AND TECHNOLOGY

DEPARTMENT OF DIGITAL TECHNOLOGY

EXAMINATION PAPER

COURSE CODE : CDT 203
COURSE TITLE : Project Management
SPECIAL REQUIREMENTS : None
DURATION : 3 Hours
LEVEL
DATE

ZIMBABWE EZEKIEL GUTI UNIVERSITY
EXAMINATIONS OFFICE
: 2021
19 AUG 2021
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11:00 B PM

INSTRUCTIONS TO CANDIDATES:

1. Answer all questions.
2. Each questions contains 25 marks
3. Calculators and slide rules are allowed in the examination room.

Question 1

- a. Define PMBOK in your own words. [2]
- b. Describe any 5 knowledge areas of PMBOK [15]
- c. How important are the stakeholders? [8]

Question 2

- a. What is the difference between the project and a business operation [5]
- b. Briefly describe the 4 stages of the project life cycle [4*5]

Question 3

- a. What is WBS [2]
- b. What does WBS involve? [5]
- c. What is the purpose of a WBS? [5]
- d. Give a brief description of the project of your choice and construct its WBS. [13]

Question 4

Task	Task description	Predecessor	Duration in days
A	Project start		0
B	Buy materials for A	A	10
C	Buy materials for B	A	20
D	Build A	B and C	33
E	Build B	B and C	20
F	Smoothen A	E	40
G	Join A and B	D and F	20
H	Project finish	G	0

Table 1

- a. Define a critical path [5]
- b. Draw a network diagram for the set of activities in the table below [10]
- c. List the paths in the network. [5]
- d. Determine the critical path and calculate the total duration of the project. [5]