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**UNIVERSITY EXAMINATIONS
2022/2023 ACADEMIC YEAR**

**END OF SEMESTER EXAMINATIONS
YEAR 1 SEMESTER I**

**FOR THE DEGREE OF
MASTER OF INFORMATION TECHNOLOGY (MIT)**

COURSE CODE : MIT 811

COURSE TITLE : IT PROJECT MANAGEMENT

DATE: 16/08/2023 TIME: 02.00 P.M -04.00 P.M

INSTRUCTIONS

SECTION A IS COMPULSORY. IT CONTAINS 30 MARKS.

ANSWER ANY 2 QUESTIONS FROM SECTION B. EACH QUESTION IN

THIS SECTION CONTAINS 20 MARKS.

SECTION A

QUESTION ONE (COMPULSORY) [20 MARKS]

- a. Explain the following:
- i. Project [2 Marks]
 - ii. Project management [2 Marks]
 - iii. Project management framework [2 Marks]
 - iv. Tripple point [2 Marks]
 - v. Stakeholder [2 Marks]
- b. Discuss the major differences between traditional project management and a typical research project management. [5 Marks]
- c. IT governance is an important element during project implementation. Explain why it is important to embrace IT governance in IT projects. [5 Marks]

SECTION B

ANSWER ANY 2 QUESTIONS FROM THIS SECTION

QUESTION TWO [20 MARKS]

- a. Discuss any software project risks as experienced in IT projects. [4 Marks]
- b. Discuss the trends that are affecting IT project management. [8 Marks]
- c. i. Outline any two characteristics of a project. [2 Marks]
ii. Explain the THREE dimensions that define project performance. [6 Marks]

QUESTION THREE [20 MARKS]

- a. i. Outline any two areas on which project feasibility focusses on. [2 Marks]
ii. Every project passes through various phases of a life cycle. Discuss in detail these phases. [18 Marks]

QUESTION FIVE [20 MARKS]

- a Explain why a considerable number of IT projects fail. [10 Marks]
- b Discuss factors that determine the success of IT projects. [10 Marks]

QUESTION FOUR [20 MARKS]

- a. Discuss the roles of IT project manager in any IT project. [6 Marks]
- b. Explain the importance of “*Technical Analysis*” in IT software project management. [3 Marks]
- c. Explain the importance of communication in project management, giving two examples. [6 Marks]
- d. Defects are inevitable during the project life cycle. Explain how a project manager would detect these defects? [5 Marks]