

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DIPOMA IN PROJECT PALNING
AND MANAGEMENT**

PPMA 0124: PROJECT MANAGEMENT INFORMATION SYSTEMS

STREAMS:

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 07/07/2021

11.30 A.M. – 01.30 P.M.

INSTRUCTIONS:

Attempt question one and any other two

Question one

- (a) Define the following terms as used in project management information system
 - (i) Data (2 marks)
 - (ii) Information (2 marks)
 - (iii) Information system (2 marks)
 - (iv) Conversion (2 marks)
- (b) Explain four ways in which information technology contributes to strategic management. (8 marks)
- (c) Outline six roles that information systems play in business. (6 marks)
- (d) Differentiate management information systems from decision support system. (4 marks)
- (e) Differentiate green computing from cloud computing. (4 marks)

Question two (20 marks)

- (a) Clearly explain the eras in IT infrastructure evolution. (10 marks)
- (b) Explain the various steps that companies practicing business process management go through. (10 marks)

Question three (20 marks)

- (a) List and describe the five steps in an ethical analysis. (10 marks)
- (b) Describe Porter's five forces model. (10 marks)

Question Four (20 marks)

- (a) Outline six features of organizations. (6 marks)
- (b) Information technology infrastructure components constitute investments that must be coordinated with one another to provide the firm with a coherent infrastructure. Explain seven such components. (14 marks)

Question Five (20 marks)

- (a) Outline ant three technologies for collaboration and team work. (3 marks)
 - (b) Information technology can promote various degrees of organizational change, ranging from incremental to far-reaching. Based on this statement, explain the following types of structural organizational change.
 - (i) Automation (3 marks)
 - (ii) Rationalization (3 marks)
 - (iii) Business process redesign (3 marks)
 - (c) A collaborative, team-oriented culture will not produce benefits if there are no information systems in place to enable collaboration. State and explain four reasons for collaboration and team that more important today than ever. (8 marks)
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