MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATION
2022/2023 ACADEMI YEAR
FOURTH YEAR FIRST SEMESTER

SCHOOL OF BUSINESS AND ECONOMICS
BACHELOR OF PROJECT MANAGEMENT

COURSE CODE: BPM 4104
COURSE TITLE: PROJECT MANAGEMENT INFORMATION SYSTEMS

DATE: 13TH DECEMBER, 2022   TIME: 1430-1630

INSTRUCTIONS:

Answer question one and any other three questions

QUESTION ONE
(a) An information systems project (ISP) could either be considered as a success or as a failure.
Required:
(i) Summarise four milestones used to determine the success of an ISP.
(4 marks)
(b) Suggest four strategies to improve information system (IS) project communication management.
(4 marks)
(c) Assess four best practices in procurement management of IS projects.

(4 marks)

(d) Describe two disadvantages   of using "discounting   techniques" in analyzing financial benefits of IS projects.   (4 marks)

(e) Summarise three methods that could be-used to conduct project quality control reviews.   (6 marks)

(f) Explain the term "lean approach"   in the context of quality improvement In IS projects.   (3 marks)

(25 MARKS)
SECTION B

QUESTION TWO   **(15 MARKS)**
a) Assess four ways to develop a work breakdown structure (WBS) in IS projects.

(4 marks)

b) Examine two tools used for "quality assurance"   in IS project quality management.
(4 marks)

c) Describe two uses of software in IS project quality management.
(2 marks)

d) Project completion review will examine the lessons to be learnt after the project has been implemented. Required:

Summarise five techniques used for project completion review.   (5 marks)

QUESTION THREE   **(15 MARKS)**
a) Describe four response strategies for positive risks in IS project risk management

(4 marks)

b) Assess the importance of stakeholder analysis in IS project management.

(4 marks)

c) Explain the role of "interface management" in IS projects integration.   (3 marks)

d) Describe the procedure for validating the scope of an IS project.   (4 marks)

QUESTION FOUR   **(15 MARKS)**
a) Examine three tools and techniques used for planning procurements for IS projects.
   (3 marks)

b) Summarise three strategies of controlling the time schedules of IS projects.
   (3 marks)

c) Assess how the current technological trends affect IS project management practice.
   (4 marks)

d) (i) Describe four characteristics of a matrix organizational structure.   (4 marks)

   (ii) State two weaknesses of the organizational structure in (d) (i) above.   (1 mark)

QUESTION FIVE   **(15 MARKS)**
a) Highlight three applications of Program Evaluation and Review Technique (PERT) in

   IS project.   (3 marks)

b) Describe four principles of PRINCE2 project management method.
   (4 marks)

c) Highlight four reasons why it is important for an information systems project
   manager to provide   periodic progress reports to the project team members.
   (4 marks)

d) Describe four standard criteria for assessment of monitoring and evaluation quality.
        (4 marks)

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