

KASNEB

CICT PART III SECTION 6

INFORMATION SYSTEMS PROJECT MANAGEMENT

FRIDAY: 27 November 2015.

Time Allowed: 3 hours.

Answer ALL questions. Marks allocated to each question are shown at the end of the question.

QUESTION ONE

- (a) Summarise ten activities which are performed during the planning phase of an information system project. (10 marks)
- (b) Suggest four questions whose answers could assist information systems team to identify the scope of an information system project. (4 marks)
- (c) Highlight six essential skills of an information systems project manager. (6 marks)
- (Total: 20 marks)**

QUESTION TWO

- (a) Information systems project reviews include an analysis of a certain set of aspects of the project.
- In relation to the above statement, summarise six aspects of an information system project that could be included in a project review. (6 marks)
- (b) Outline six categories of an information systems project budget. (6 marks)
- (c) It is always recommended that information systems project timetable should be presented in a graphical form.
- Required:**
- (i) Six reasons why the project timetable should be in a graphical form. (6 marks)
- (ii) Two principles that should be taken into account in order to avoid information systems project time over running. (2 marks)
- (Total: 20 marks)**

QUESTION THREE

- (a) Analyse three processes of risk management in information system projects. (6 marks)
- (b) Suggest four situations which could determine the end of an information systems project. (4 marks)
- (c) During the information systems project execution phase, the project team produces the deliverables while the project manager monitors and controls the project delivery.
- Required:**
- (i) Discuss eight tasks which are performed by the project manager during the information system project's execution phase. (8 marks)
- (ii) Highlight two activities which are performed by the project team towards the end of the project execution phase. (2 marks)
- (Total: 20 marks)**

QUESTION FOUR

- (a) Examine four purposes of designing and documenting the overall information systems project life cycle. (8 marks)
- (b) Outline four dimensions of measuring the overall information systems project success. (4 marks)
- (c) (i) Identify the outcome of a systematic approach to the implementation of information system's project management quality systems. (6 marks)
- (ii) Explain the overall purpose of implementing project management quality systems for information systems. (2 marks)
- (Total: 20 marks)**

QUESTION FIVE

- (a) Discuss the role of information systems project documentation. (7 marks)
- (b) Highlight five steps for determining hardware and software in an information systems project proposal. (5 marks)
- (c) Explain the following information systems project methodologies:
 - (i) Adaptive project framework. (3 marks)
 - (ii) Agile software development. (2 marks)
 - (iii) Waterfall model. (3 marks)

(Total: 20 marks)

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