



DICT LEVEL III

INFORMATION SYSTEMS PROJECT SKILLS

TUESDAY: 28 November 2017.

Time Allowed: 3 hours.

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

QUESTION ONE

- (a) Describe five types of information systems project plans. (10 marks)
- (b) Analyse three codes of practice required by information systems' project professionals during the following phases of an information systems project:
- (i) Development phase. (3 marks)
- (ii) Implementation phase. (3 marks)
- (c) Outline four methods that could be used to evaluate the profitability of information systems project. (4 marks)
- (Total: 20 marks)**

QUESTION TWO

- (a) Summarise four types of inputs that could be used to create an information systems project schedule. (8 marks)
- (b) Describe the contents of an information systems project initiation document. (5 marks)
- (c) Identify seven types of information systems project stakeholders. (7 marks)
- (Total: 20 marks)**

QUESTION THREE

- (a) Information systems are created as a direct result of opportunities or problems within an organisation.
- Required:**
Highlight seven characteristics of an information systems project. (8 marks)
- (b) Explain the process by which an information systems project manager could assign staff resources to the activities of a project. (6 marks)
- (c) Outline six characteristics of an information systems software project. (6 marks)
- (Total: 20 marks)**

QUESTION FOUR

- (a) Summarise seven qualities of an information systems project work break down structure (WBS). (7 marks)
- (b) Explain four advantages of splitting an information systems project into phases. (8 marks)
- (c) Describe five reasons why you might decide to sub-contract part of an information systems project to an external supplier. (5 marks)
- (Total: 20 marks)**

QUESTION FIVE

(a) Information systems project managers encounter issues when undertaking project scope management.

Required:

Analyse four problems that might arise when defining and documenting information systems project scope. (8 marks)

(b) The use of relevant software tools in all phases of management of information systems projects has been on the rise and is highly encouraged.

Required:

Discuss three merits and three demerits in the application of project software in information systems project management. (12 marks)

(Total: 20 marks)

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