

# KASNEB

## DICT LEVEL III

### INFORMATION SYSTEMS PROJECT SKILLS

TUESDAY: 24 May 2016.

Time Allowed: 3 hours.

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

#### QUESTION ONE

- (a) You have been incorporated in a team that is required to undertake an information systems software development project. Your duties include project management among others.

**Required:**

Discuss five phases of software development that you would follow in order to complete the project successfully.

(10 marks)

- (b) As a project manager, analyse five activities that you would engage in during the feasibility study of an information systems project life cycle.

(10 marks)

(Total: 20 marks)

#### QUESTION TWO

- (a) In project management, it is important to implement work breakdown structure strategies.

Explain four items that a task should have when setting up work breakdown structures.

(4 marks)

- (b) (i) Briefly explain the term "project planning".

(2 marks)

(ii) Project planning is an important activity in project management.

Highlight four basic reasons for information systems project planning.

(4 marks)

(iii) Discuss five major components of the planning phase of an information systems project.

(10 marks)

(Total: 20 marks)

#### QUESTION THREE

- (a) Identify four qualities of good objectives in project management.

(4 marks)

- (b) Compare and contrast "program evaluation and review technique" and "critical path method" in the context of project management.

(10 marks)

- (c) In information systems project management, knowing how to communicate does not guarantee that a clear message will be generated.

**Required:**

Suggest six techniques that could be used to improve communication in information systems project management.

(6 marks)

(Total: 20 marks)

#### QUESTION FOUR

- (a) From a project manager's perspective, there are quality management concepts that should exist to support each and every project.

**Required:**

Analyse five quality management concepts.

(10 marks)

- (b) In every project, there are risks that are always elicited during the risk identification process.

**Required:**

Summarise five of the risks described in the above statement.

(10 marks)

(Total: 20 marks)

TD33 Page 1

Out of 2

**QUESTION FIVE**

- (a) Most of the reasons why projects are not completed on time and within cost are behavioural rather than quantitative. Explain six behavioural aspects seen in employees. (6 marks)
- (b) (i) Briefly describe the term “project scope management”. (2 marks)
- (ii) Contrast the terms “product scope” and “project scope”. (4 marks)
- (iii) Discuss four steps involved in project scope management process in the context of information systems. (8 marks)

**(Total: 20 marks)**

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