



The Co-operative University of Kenya
SPECIAL / SUPPLEMENTARY EXAMINATION AUGUST -2022
EXAMINATION FOR THE DEGREE OF BACHELOR OF BUSINESS
INFORMATION TECHNOLOGY (YR III SEM I)
UNIT CODE: BCIT 3241
UNIT TITLE: ICT PROJECT MANAGEMENT

DATE: 1ST AUGUST, 2022

TIME: 2:30 PM – 4:30 PM

INSTRUCTIONS:

- Answer question **ONE (compulsory)** and any other **TWO** questions

QUESTION ONE

- (a) Describe the following concepts as used in project management
 - i. Project Identification (2 marks)
 - ii. Project Appraisal (4 marks)
- (b) Explain briefly two attributes that make ICT project different from other types of projects (4 marks)
- (c) Describe four roles of a project manager. (2 marks)
- (d) Describe an overall framework for a project Integration management as it relates to the other project management knowledge areas and project life cycle. (4 marks)
- (e) Discuss four (4) tools used in the estimate activity resource process (4 marks)
- f) Describe how project management software could assist in project time management and review. (4 marks)
- (f) Briefly describe FIVE key Project Management stages as advocated by Dr.Baum. (6 marks)

QUESTION TWO

- (a) How can information systems help individual project managers make better decisions when the problems are nonroutine and constantly changing? (8 Marks)
- (b) Discuss any **four** tools used in estimating activity resources (4 Marks)
- (c) Discuss the importance of integration management in project management (8 Marks)

QUESTION THREE

- (a) Discuss the importance of carrying out feasibility study on ICT projects (8 Marks)
- (b) Are there any special systems that can facilitate decision making among senior managers? Exactly what can these systems do to help high-level management? (8 Marks)
- (c) Describe any four human resources needed in an ICT projects (4 Marks)

QUESTION FOUR

- (a) There are several tools and techniques available to assist in managing project teams. Briefly describe four different tools and techniques used by managers to manage project Teams. (6 Marks)

- (b) Identify an ICT project of your choice and explain how you can apply the four phases of project (8 Marks)
- (c) Compare and contrast Gantt chart and critical path method used in time management (6 Marks)

QUESTION FIVE

The Cabinet Secretary Interior intends to eliminate the following;

- i. The manual occurrence book (OB) at the police stations
- ii. The manual finger printing procedure at the CID office in order to mine or discover criminal patterns between data sets sitting in manual registers scattered at different offices across the country.

As an expert in system development cycle, kindly advise him on the steps needed in order to bring about this change (SDLC), concisely and cogently without expensive omissions and errors. (20 Marks)