



Scott Christian
UNIVERSITY
A Dynamic Centre of Academic Excellence

SCHOOL OF PROFESSIONAL STUDIES

BACHELOR OF INFORMATION COMMUNICATION TECHNOLOGY

UNIT CODE/NAME: BCT 324: SOFTWARE PROJECT MANAGEMENT

JANUARY- APRIL 2021/2022 End Semester Exam

- Time: 2 Hours

Instructions: Answer Question ONE (Compulsory) and any other TWO questions.

QUESTION ONE:

- When planning a project, it is critically important to know what the risks are, identify these risks. (5 marks)
- Highlight five types of software Project Plans. (5 marks)
- Identify the five variables of Project Control. (5 marks)
- Explain at least five roles and responsibilities of a software project manager. (5 marks)
- List at least five right tools and equipment that project managers will have to use in order to manage time effectively on projects during project time management. (5 marks)
- State the features of a Gantt chart that are used for planning software projects. (5 marks)

QUESTION TWO:

- State three common types of project risks that occur frequently, regardless of the specifics during project management. (3 marks)
- Discuss the six process involved in accurately identifying the project scope management. (12 marks)

QUESTION THREE:

- List three characteristics of software projects. (3 marks)

- b) Explain four reasons why software project management is more important. (4 marks)
- c) While cost management is viewed as a continuous process in projects, it helps to split the function into four steps. Describe these four steps in project cost management. (8 marks)

QUESTION FOUR:

- a) Briefly explain the tools and techniques used for managing project team during project human resource management (5 marks)
- b) For project management, quality is simply what the customer or stakeholder needs from the project deliverables. Elaborate the benefits of project quality management. (10 marks)

QUESTION FIVE:

- a) When creating a plan for project communication management, there are different steps that project managers need to clearly outline on how they will manage communications across their projects. Briefly highlight the five of these steps. (5 marks)
- b) Planning may not be the most enjoyable component of managing software projects, but it is the most vital part for reducing risk and failure rates. Briefly discuss (10 marks)