



**ZIMBABWE EZEKIEL GUTI UNIVERSITY**

---

**FACULTY OF HEALTH, SCIENCE AND TECHNOLOGY**

---

**DEPARTMENT OF DIGITAL TECHNOLOGY**

**EXAMINATION PAPER**

**COURSE CODE** : CDT 203  
**COURSE TITLE** : Project Management in Computers  
**DURATION** : 3 Hours  
**LEVEL** : 2.1  
**DATE** : November 2019  
15 NOV 2019

**INSTRUCTIONS TO CANDIDATES:**

1. Answer all questions.
2. Marks allocated for each question are given in [ ] brackets.

### Question 1

With examples, Characteristics of projects that make them differ from daily operations.  
**[6 Marks]**

### Question 2

The table below contain a list of tasks for a particular project, start date and number of days needed to complete each task.

Task	Start Date	Days to completion
1	22/05	13
2	31/05	9
3	05/06	9
4	15/05	14
5	21/06	9
6	01/07	5
7	08/07	7
8	15/07	12

(a) Create a Gantt chart to illustrate the schedule of the tasks. **[10 Marks]**

(b) With the aid of illustrations describe the following types of dependences. **[8 Marks]**

- i. Start to finish
- ii. Finish to finish
- iii. Finish to start
- iv. Start to start

### Question 3

With developing knowledge of project management, new project constraints were added to the three basic project constraints. With examples explain any five project constraints that need to be managed by the project manager. **[15 Marks]**

### Question 4

(a) Distinguish cross functional teams from functional teams, include examples. **[4 Marks]**

(b) What makes tools used to estimate costs to compare and select projects differ from tools used to estimate costs of each project made. **[9 Marks]**

### Question 5

Describe any four examples of asynchronous communication

**[8 Marks]**

### **Question 6**

After the decision has been made to purchase goods or outsource services, the procurement team develops a plan that includes the following:

- Selecting the appropriate relationships and contract approaches for each type of purchased goods or outsourced service
- Preparing requests for quotes (RFQs) and requests for proposals (RFPs) and evaluating partnership opportunities
- Evaluating RFQs, RFPs, and partnerships
- Awarding and signing contracts
- Managing quality and timely performance
- Closing contracts

Describe each item included in the procurement plan.

**[15 Marks]**

### **Question 7**

Highlight any three points to consider in making sure that the product produced is a quality product, without defects and satisfies the customer requirements.

**[3 Marks]**

### **Question 8**

Summarise the four basic ways to manage risk when managing a project.

**[8 Marks]**

### **Question 9**

Identify any four processes carried out during implementation phase of the project management life cycle.

**[4 Marks]**

### **Question 10**

Explain any five processes that are done during project completion.

**[10 Marks]**