

**MAKERERE UNIVERSITY BUSINESS SCHOOL**  
**END OF SEMESTER TWO EXAMINATION FOR THE**  
**BACHELOR OF BUSINESS ADMINISTRATION OF MAKERERE UNIVERSITY**  
**ACADEMIC YEAR 2022/2023**

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**COURSE NAME : ADVANCED ICT**

**YEAR OF STUDY : THREE**

**COURSE CODE : BBA3205**

**DATE : WEDNESDAY JUNE 7, 2023**

**TIME : 1:00 PM – 2:00 PM (SET C)**

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**INSTRUCTIONS**

- The paper comprises of **ONE COMPULSORY** question in Microsoft Project.
  - Create a folder in your Name and Registration Number on the Desktop where all your work should be saved.
  - You are advised to continuously save the changes to your work to avoid loss of work.
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**Question (Total marks - 35 Marks)**

To improve on the learning process in your university, the school has embarked on an e-learning system implementation project that is going to take some time. These activities have been done, activity definition, activity sequencing and activity duration estimation as represented in the WBS below. Endeavored with skills in project management you have been asked to help in determining the project schedule using Ms. Project.

<b>Task No</b>	<b>Task</b>	<b>Duration</b>	<b>Predecessor</b>	<b>Resources</b>
	<b>E-learning Implementation Project</b>			
<b>1</b>	<b>Planning</b>			
1.1	Feasibility study	4weeks	-	<b>PM,SA</b>
1.2	Identify key stakeholders	2weeks	-	<b>PM</b>
1.3	Budgeting	2weeks	1.2	PM,SA,SI &SC
1.4	Implementation plan	0week	1.3	
<b>2</b>	<b>Installation</b>			
2.1	Landscape analysis	2 weeks	1.3	SA & SI
2.2	Hardware installation	4weeks	2.1	SA & SI
2.3	Software installation	1week	2.1	SA & SI

2.4	System installed	0 weeks	2.3	SA & SI
3	<b>Conduct workshops</b>			
3.1	Prepare materials workshop	2 weeks	2.3	SI
3.2	Sensitize students	3 weeks	3.1	SI
3.3	Sensitize user	1week	3.2	SI
3.4	User sensitized	0weeks	3.3	SI
4	<b>System Testing</b>			
4.1	Programmer testing	1 week	3.4	SC
4.2	Module testing	1 week	4.1	SC
4.3	User testing	1 week	4.1	SC
4.4	System tested	0weeks	4.1	
5	<b>Maintenance</b>			
5.1	Transfer of manual records	2 weeks	4.4	SC
5.2	Implementation status report	2weeks	4.4	PM
5.3	Final report	1week	5.2 FF	PM
6	E- learning implemented	0 weeks	5.3FF	

Above is a WBS for the E-learning Implementation Project.

### Resource sheet

Resource name	Type	Cost (UGX)
Project Manager (PM)	Work	10,000 per day
Systems Analyst (SA)	Work	5,000 per day
System Implementers (SI)	Work	1000 per day
System Consultant (SC)	Work	20,000 per day

Using the information above answer the following questions:

### Required,

- Open up MS project and save it in your folder in your name and registration number. **(2 marks)**
- Enter the above tasks and their durations in the Gantt chart. **(6 marks)**
- Set all Saturdays and Sundays as working days. **(4 marks)**
- Set the project end date to 30<sup>th</sup> December 2022. **(4 marks)**
- Link the tasks as per the link types on the WBS. **(4 marks)**
- Add the project resources as indicated on the WBS. **(4 marks)**

- g) Determine the start date and the duration for the project. **(2 marks)**
- h) Determine the project budget. **(2 marks)**
- i) Make all tasks 100% complete. **(2 marks)**

**[Total Marks: Marks 35]**

**– End of Question Paper –**