

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

COURSE NAME : ADVANCED ICT

YEAR OF STUDY : THREE

COURSE CODE : BBA3205

DATE : WEDNESDAY JUNE 7, 2023

TIME : 9:00 AM – 10:00 AM (SET A)

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)

KHM Ltd is a construction company that recently won a contract to build a labour ward in one of the hospitals in Kampala. The following project activities have been fully done, activity definition, activity sequencing and activity duration estimation as represented in the WBS below. Use the sample data below to come up with a project schedule.

Task No	Task	Duration	Predecessor	Resources
1	Project plan			
1.1	Site visit	2Wks	-	PM
1.2	Ward plan drawing	3Wks	1.1	PM
1.3	Plan submission	2Wks	1.2	PM
1.4	Payment	3wks	1.2	PM
1.5	Approval and project launch	2wk	1.4	PM
1.6	Project plan complete	0	1.5	PM
2	Land and Foundation			
2.1	Removal of debris and flora	4 wks.	1.6	PM
2.2	Leveling the ground	3 wks.	2.1	SE
2.3	Procuring foundation material	3 wks.	2.1	PO
2.4	Laying foundation	2wks	2.2	SE

2.5	foundation complete	0	2.4	PM
3	Structure and material			
3.1	Cement	2wks	2.5	PO
3.2	Bricks	1wk	3.1	PO
3.3	Sand	2wks	3.2	PO
3.4	Iron bars	1wk	3.3	PO
3.5	Structure and material complete	0	3.4	PM
4	Roofing and finishing			
4.1	Purchase roofing material	2wks	3.5	PO
4.2	Roof design and completion	4wks	4.1	RE
4.3	Plastering	3wks	4.2	SE
4.4	Plumbing	2wks	4.3	PL
4.5	Wiring	2wks	4.4	EE
4.6	Painting	1wk	4.5	SE
4.7	Roofing and finishing complete	0	4.6	PM,SE
5	Budget			
5.1	Develop budget	2wks	4.7	PM, SE
5.2	Align budget requests to project goals	1wk	5.1	PM
5.3	Budget complete	0	5.2	PM,SE
5.4	Project complete	0	5.3	PM

Note

Project resources are PL-Plumber, PM-Project Manager, RE-Roof engineer, EE-Electrical engineer, SE-Site engineer and PO-procurement officer.

Required,

- a) Create a calendar for this project and call it "WARD CALENDAR", On it, make all Saturdays and Sundays working days. **(04 marks)**
- b) Change duration to weeks as your duration default. **(03 marks)**
- c) Enter the tasks in Gantt chart showing clearly their duration. **(10 marks)**
- d) If the start date of the project is 10th/June/2021, determine the project end date. **(03 marks)**
- e) Using a resource sheet allocate resources as shown in the WBS. **(05 marks)**
- f) Cost all the resources at UGX 150 and determine the total cost for the project. **(04 marks)**
- g) All tasks should be 100% complete by the project end date. **(02 marks)**
- h) Determine the total duration for the project. **(04 marks)**

[Total Marks: Marks 35]

– End of Question Paper –