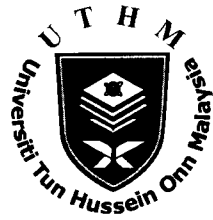


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UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER I
SESSION 2011/2012**

COURSE NAME : MULTIMEDIA PROJECT
MANAGEMENT
COURSE CODE : BIT 3203/BIT 32003
PROGRAMME : BACHELOR OF INFORMATION
TECHNOLOGY
EXAMINATION DATE : JANUARY 2012
DURATION : 2 HOURS AND 30 MINUTES
INSTRUCTION : ANSWER ALL QUESTIONS

THIS QUESTION PAPER CONSISTS OF FOUR (4) PAGES

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Q1 Explain each of the following term:

- (a) Conceptualization (2 marks)
- (b) Timeline (2 marks)
- (c) Work Breakdown Structure (WBS) (2 marks)
- (d) Critical chain scheduling (2 marks)
- (e) Non-linear multimedia (2 marks)

Q2 Given the following scenario:

You are the manager of multimedia project funded by Malaysian Government. You are responsible to ensure all process in multimedia production will be implemented in a well-organize manner.

During your team work meeting:

- (a) Describe the activities that have been set during the preproduction phase of the multimedia project development? (6 marks)
- (b) Give example of **FIVE (5)** important items that have been identified to be included in user documentation of your high-end multimedia titles. (5 marks)

Q3 In project time management, activity sequencing is crucial in order to organize the project planning.

- (a) What do you understand by activity sequencing in project time management? (2 marks)
- (b) Describe **THREE (3)** activities that need to be performed while dealing with time management procedure. (6 marks)
- (c) Explain **THREE (3)** categories of dependency in activity sequencing (6 marks)

Q4 Given the following **Table 1** that shows the particulars for multimedia project Z.

Table 1

Task Name	Duration (day)	Predecessors
A	2	-
B	3	-
C	4	-
D	5	A
E	6	B
F	5	B
G	7	C
H	7	D, E
I	3	G
J	4	F, H, I

- (a) Draw the PERT chart for multimedia project Z. (10 marks)
- (b) Distinguish all paths (with the duration) through the diagram. (8 marks)
- (c) Determine the critical path. (2 marks)

Q5 Given the following **Figure Q5** that shows the activities for project Y2K in tabular form.

<u>Video on Demand System</u>	
1.0	Concept
1.1	Analyze current system
1.2	Define requirement
1.2.1	User requirement
1.2.2	Video requirement
1.2.3	System requirement
1.2.3.1	Software
1.2.3.2	Hardware
1.3	Define constraints
1.4	Develop project plan
1.5	Select multimedia development team
2.0	Design
3.0	Development
4.0	Roll out
4.1	Launching

Figure Q5

Design a well-organized Work Breakdown Structure (WBS) phase by phase. (20 marks)

Q6 Given the following **Figure Q6**.

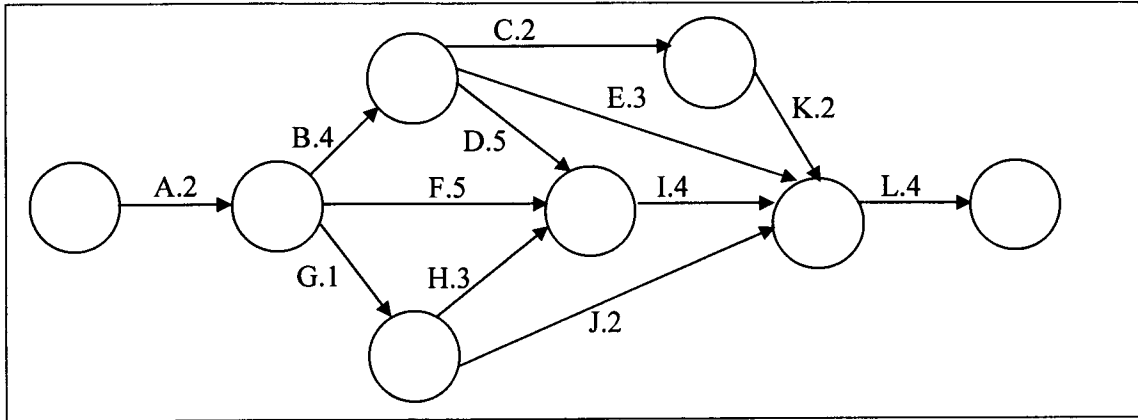


Figure Q6

- (a) Calculate which tasks are on the critical path. (13 marks)
- (b) Calculate the slack time for task C and D. (6 marks)
- (c) The person working on task C tells the project manager that he will start his work 5 days late after the scheduled starting date. Analyze the impact would this have on the completion date of the project. Why? (3 marks)
- (d) Analyze how much earlier they would get to complete the project if the project manager skipped task E. (3 marks)