
UNIVERSITI SAINS MALAYSIA

Second Semester Examination
Academic Session 2004/2005

March 2005

CMT313 – Information Technology & Multimedia Project Management

Duration : 2 hours

INSTRUCTIONS TO CANDIDATE:

- Please ensure that this examination paper contains **FOUR** questions in **THREE** printed pages before you start the examination.
 - Answer any **THREE** questions. Write your answers in complete sentences and explain your points as clearly as possible.
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ENGLISH VERSION OF THE QUESTION PAPER

1. (a) Describe any **three (3)** of the tools and techniques that can be used to identify IT project risks. (30/100)
- (b) List and explain **four (4)** reasons why organizations outsource. What are the disadvantages of outsourcing? (40/100)
- (c) Compare the information requirements of a project sponsor to those of a project team member. How are they similar? How are they different? (30/100)
2. (a) What are some challenges and opportunities for IT projects under the functional organization structure? (30/100)
- (b) What is a Perato diagram? How can it be used as a quality control tool for an IT project? (20/100)
- (c) Briefly summarize the work done by Maslow and Herzberg. How do each of their theories relate to project management? (50/100)
3. (a) (i) Develop a network diagram and calculate the critical path using the information in the table below:

Task/Activity	Estimated Duration	Predecessor
A	1 day	None
B	3 days	A
C	4 days	B
D	2 days	B
E	1 day	C
F	3 days	C, D
G	3 days	E
H	1 day	F
I	2 days	G, H
J	5 days	I

(10/100)

- (ii) What are some advantages project network diagram have over traditional Gantt charts?
(20/100)
- (b) (i) Why is it important to define the project's scope accurately and completely?
(10/100)
- (ii) Briefly describe scope creep. Describe **five (5)** methods which can be used to avoid scope creep.
(40/100)
- (c) What are the **three (3)** main objectives of integrated change control? Briefly describe the integrated change control process.
(20/100)
- 4. (a) Describe the characteristics of video.
(30/100)
- (b) (i) What are the skills needed for multimedia scripting?
(25/100)
- (ii) What should you consider when you develop the content of a multimedia project?
(25/100)
- (c) How to get the content of a multimedia project agreed by the client quickly?
(20/100)