

**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.

**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)