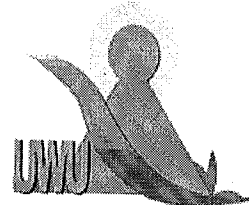




Uva Wellassa University, Sri Lanka
End Semester Examination – 2011 March
SCT 391-1 Project Formulation and Management (Repeat)



Time: One (01) hour

Answer all questions

01)

- Explain the main role of a project manager clearly mentioning his responsibilities.
- Explain Responsibility Assignment Matrix (RAM) with an example.
- Explain main steps of Project Life Cycle.
- What is Scope Management? Explain it with an example.
- Explain Crash Potential in a project

(50 marks)

- 02) A small project is composed of 7 activities whose time estimates are listed below. Activities are being identified by their beginning (i) and ending (j) node numbers.

Activities		Time in Weeks		
i	j	t_o	t_i	t_p
1	2	1	1	7
1	3	1	4	7
1	4	2	2	8
2	5	1	1	1
3	5	2	5	14
4	6	2	5	8
5	6	3	6	15

- Draw the network
- Calculate the expected variances for each
- Find the expected project completed time
- Calculate the probability that the project will be completed at least 3 weeks than expected.
- If the project due date is 18 weeks, what is the probability of not meeting the due date?

(50 marks)