



THE OPEN UNIVERSITY OF SRI LANKA
COMMONWEALTH EXECUTIVE MASTER OF BUSINESS/PUBLIC ADMINISTRATION
FINAL EXAMINATION – 2015
MCP2602 PROJECT MANAGEMENT

DURATION: THREE (03) HOURS

Date: 23rd August, 2015

Time: 1.30 pm – 4.30 pm

This question paper contains 7 questions in two pages.

INSTRUCTIONS

- ANSWER ANY FIVE QUESTIONS.
- Your answers should be focused and methodical.

Question 1

Using the following data

- a) Construct the network diagram. (5 marks)
- b) Determine the critical path. (5 marks)
- c) Identify any float(s) available and slack times. (5 marks)
- d) Describe different estimation techniques that are used in time and cost estimations. (5 marks)

Activity	Duration (weeks)	Predecessor
A	3	-
B	2	-
C	4	A
D	5	B
E	3	B
F	4	C,D
G	2	E

Question 2

“High performing team is one of the critical factors of project success”. Explain this statement using suitable illustrations. Using suitable examples explain the key attributes required in a high performing team. (20 marks)

Question 3

Explain the application of *Earned Value technique* in project management. With suitable examples describe how the *Earned Value technique* would help in assessing the cost and time performance of a project. (20 marks)

Question 4

Describe the major steps in Risk Management framework. Explain the importance of managing risks in a project. Support your answer with appropriate examples. (20 marks)

Question 5

Using the table given below, prepare a cost distribution plan. State any assumptions you make in preparing the plan.

Activity	Duration (weeks)	Predecessor	Cost per task (Rs. 000')
A	3	-	90
B	2	-	40
C	4	-	80
D	2	A	20
E	2	B	40
F	3	C	90
G	2	D, E, F	10

(20 marks)

Question 6

Explain the major *Process Groups* in a project. Using an appropriate diagram describe the order of project execution. Support your answer with suitable examples. (20 marks)

Question 7

Explain the *Project Feasibility study* and different types of feasibility studies used in assessing project proposals. With suitable examples, describe the importance of a feasibility study to a project. (20 marks)