

SLIATE

SRI LANKA INSTITUTE OF ADVANCED TECHNOLOGICAL EDUCATION

(Established in the Ministry of Higher Education, vide in Act No. 29 of 1995)

Higher National Diploma in Business Administration
Second Year, Second Semester Examination – 2016
BA2212- Project Management

Instructions for Candidates:
Answer 4 Questions
All questions carry equal marks

No. of questions : 05
No. of pages : 04
Time : **Two (02) Hours**

Q1.

Suppose that you have launched a social service project to distribute school items worth of Rs. 100000 for low facilitated schools in Sri Lanka. The project duration is 2 weeks starting from 1st of January, 2017.

- I. Define the term “project”. (04 marks)
 - II. Why do you select “project work” rather than “functional work” to achieve the above mention target? (04 marks)
 - III. a) What is a “project life cycle” and what is “project phases”? (04 marks)
b) Write four phases in product life cycle. (04 marks)
 - IV. a) Draw a suitable project life cycle with at least three phases for this project. (03 marks)
b) State two deliverable (output) of selected project life cycle in each phase. (06 marks)
- (Total 25 marks)**

Q2.

Suppose that you have managed the “Gamisaraniya” agricultural project in each year for 4 years from 2012. The objectives of the “GamiSaraniya” project are to provide infrastructures for planters, collect cinnamon, cardamom and pepper from rural areas and export them to foreign countries in large scale throughout the year.

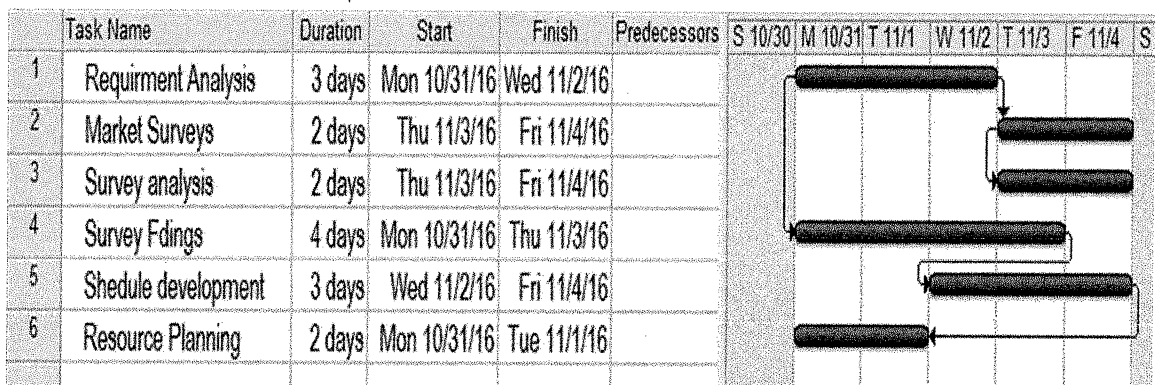
The cash flows for the project for four (04) years as follows. Interest Rate is 10%.

Investment	Year1	Year2	Year3	Year4
Rs 100000	- Rs 5000 (loss)	Rs 25000	Rs 45000	Rs 60000

- I. What is meant by “*project scope management*”? (02 marks)
 - II. Write four methods for selecting a project (04 marks)
 - III. What is the project scope management processes needed to complete this project? (05 marks)
 - IV. Draw 2 levels Work break Down Structure (WBS) for this project. (06 marks)
 - V. Calculate the Net present Value (NPV) of this project and Sate down whether the project is worth or not and justify your answer (08 marks)
- (Total 25 marks)**

Q3.

- I. What are three advantages of using Microsoft Project in managing a project? (03 marks)
- II. Fill in the blanks of predecessors (A-D) based on the Gantt chart given below (04 marks)



Task No	Task	Predecessors
1	Requirement analysis	A
2	Market surveys	B
3	Survey Analysis	2SS
4	Survey Findings	C.....
5	Schedule Development	4FS – 50%
6	Resource Planning	D

III. Draw an activity on arrow (AOA) network diagram for the project schedule given in the following table (10 marks)

Activity	Proceeding Activity	Duration (days)
A	-	1
B	-	3
C	A	3
D	A	5
E	A,B	3
F	E	3
G	C	5
H	D	4
I	F	2
J	G,H,I	4

IV. Find critical path of the project and the minimum time duration needed to complete the project (04 marks)

V. What are the effects of the following changes for the completion time of the project and critical path?

a. Task C delay by 2 days

b. Task D finished 1 day early

(04 marks)

(Total 25 marks)

Q4.

Suppose you are working as a project manager in an Agricultural Product Export Project. Under the responsibility as the project manager, you have to export 15,000 kg of cinnamon, cardamom and pepper for United Kingdom at the end of each month. The success and the failure of the project depends on humans resources.

I. What is meant by “Project Human Resource Management”?

(04 marks)

II. Write four project management job functions

(04 marks)

- III. Write three characteristics of “Effective Project Manager” and three characteristics of “Ineffective Project Manager “. (06 marks)
- IV. What is communication planning? And briefly explain two reasons why communication planning is important for the success of this project? (06 marks)
- V. “Organizational planning is often tightly linked with communicational planning through this project” Briefly explain (05 marks)
- (Total 25 marks)**

Q5.

ATI students have proposed to launch a blood donation campaign in ATI 1st of January in each year. The objectives of this project are to develop human values, organizing skills and team working among students.

- I. What is the outcome of this project? (02 marks)
- II. Define “Project Quality Management” and how does quality of this project measure? (05 marks)
- III. What is meant by project quality planning and state two key inputs used in planning the quality of this project (05 marks)
- IV. a) What is project cost management? (03 marks)
b) What are four (04) main processes needed to manage cost of this project? (04 marks)
- V. What is meant by “Risk identification” and identify three (03) potential risks of this project (06 marks)
- (Total 25 marks)**