THE OPEN UNIVERSITY OF SRI LANKA DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE



B.Sc. DEGREE PROGRAMME 2016/2017

NO BOOK TEST-2

CPU3146: IT PROJECT MANAGEMENT

DURATION: ONE HOUR ONLY (1 HR)

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Date: 21" May, 2017	Time:	4.00 pm – 5.00 pm
Answer ALL Questions. Write the answers on the question paper itself.		
1. What is the main purpose of project scope manage	ement?	
2. What are the main processes of <i>scope managemen</i>	,	
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3. Use Figure 1 to answer the following questions.

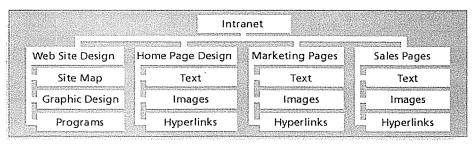


Figure 1: Sample Work break Down Structure (WBS) of an Intranet

	What is a WBS?
b.	What is the main technique used to develop the WBS?
c.	Identify four (04) work packages.

	d. What is the purpose of having WBS dictionary along with the WBS?
4.	Defining activities is one of the main tasks in project time management. What is the main input for it?
5.	What is a network diagram? Name the two (02) main types of network diagrams?
6.	How total slack time and free slack time help for project managers?
 7.	Crashing a network schedule is suitable to;
8.	What is the main input to do the cost budgeting?
9.	Identify three (03) problems in IT cost estimation.
10	. Name the main tool and technique used for the Cost Control process?
11	. Cost variance is calculated by;

2. What does the negative numbers of the cost and time variance indicates for the project manager?
13. What is <i>Quality Control</i> ?
14. What is <i>Quality Assurance</i> ?
15. Use Figure 2 to answer the following questions. 15 10 5 10 7 13 — Three Sigma Limit — Two Sigma Limit — One Sigma Limit — Average Figure 2
a. What is the name of the chart depicted in Figure 2?
b. Is the process shown in the chart under control?
16. What is the document that describes the role, authority, responsibility, and competencies o all the resources working on a project?

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20. Suggest four (04) methods to improve project communication.
19. What are the three (03) types of <i>performance reporting</i> ?
18. What is the most suitable communication technique to apply, if there is a workplace conflict involving several members of a project team?
17. What is the Responsibility Assignment Matrix (RAM)