

THE OPEN UNIVERSITY OF SRI LANKA
DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE
B.S.C. DEGREE PROGRAMME 2014/2015
NO BOOK TEST – 1
CPU3146: IT PROJECT MANAGEMENT
DURATION: ONE HOUR ONLY (1 HR)



Date: 25th January, 2015

Time: 4.00 pm – 5.00 pm

Answer **ALL** Questions. Write the answers on the question paper itself.

- 1) Identify two (02) *projects* and two (02) *operations* among the list given below. Give three (03) reasons for your selection.

(Design a new car model, Assembling the new car model recently design, Developing a payroll system for OUSL, Payroll processing using a software)

Category	Reasons
1. Project
2. Operation

2)

Complete the sentences given below.

a. Program is a

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b. Portfolio is a

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.....

Underline the most suitable word.

c. Several individual housing projects done in the same area by the same firm might best be managed as part of a (Program , Portfolio)

3)

- a. What is a *project phase*?

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- b. Discuss the importance of project phases for project management.

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4)

- a. Who is a *stakeholder*?

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- b. Assume you are going to get a house built for you. Identify five (05) key stakeholders in this project.

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5)

- a. List the five (05) types of organizational structures?

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- b. A company regularly builds teams to create software products for their clients. They dissolve and assign the team members to other project, once the software product is delivered to the client. What kind of organizational structure the company has?

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6)

Write the most suitable *project management knowledge area* in the spaces given below.

- a. is an overarching function that coordinates the work of all other knowledge areas.
- b. involves working with all appropriate stakeholders to define, gain written agreement for, and manage all the work required to complete the project successfully.
- c. includes developing an acceptable project schedule, and ensuring timely completion of the project.
- d. consists of preparing and managing the budget for the project.
- e. ensures that the project will satisfy the stated or implied needs for which it was undertaken.
- f. is concerned with making effective use of the people involved with the project.
- g. involves generating, collecting, disseminating, and storing project information.
- h. includes identifying, analyzing, and responding to risks related to the project.
- i. involves acquiring or procuring goods and services for a project from outside the performing organization.

7)

Underline four (04) things typically found in a project charter document.

- a. Project requirements
- b. Authorization for a project manager to work on a project
- c. Work packages decomposed into activities
- d. An initial set of schedule milestones
- e. List of main stakeholders

Which of the following is not true about a project charter?

- a. It is a useful document to bid for a project
- b. It formally authorizes a project or a phase
- c. It provides authority to the project manager to begin applying resources to project activities.

8) Write the most suitable *Process Group* in the spaces given below

- a. process group usually takes most time and resources.
- b. process group involves gaining stakeholder and customer acceptance of the final products and services.
- c. Every knowledge area includes the process group.
- d. process group affects all other process groups and occurs during all phases of the project life cycle.
- e. Outputs of the process group include performance reports, requested changes, and updates to various plans.

9) Fill the blanks in the table given below.

Factor	Value	Comment
NPV	Positive (> 0)
NPV	Negative (< 0)
.....	Higher number	Accept the project
.....	Smaller number	Accept the project
ROI

10) Discuss the importance of the knowledge of *project integration management* for effective and efficient project management.

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