

SOFTWARE PROJECT MANAGEMENT

Assignment 01 SOLUTION

FOR

INF3708

Assignment 01: Due date 22 February 2017 Compulsory

Unique nr: 839992

Marks weight: 10%

ASSIGNMENT 01 - SEMESTER 1

ASSIGNMENT 01 - COMPULSORY	
Due date	22 February 2015
Study material	Hughes & Cotterell: Chapters: Questions are spread to across chapters.
Total marks	15 marks = 100%
Note that this is a <u>COMPULSORY</u> assignment! If you do not complete this assignment and submit it by the due date, you will NOT gain examination admission!	
If your assignment is late, please DO NOT PHONE OR E-MAIL asking for an extension but include a note in your assignment stating the reason for the late submission and we will decide whether or not it will be marked.	

Instructions:

1. Complete this assignment by **writing the correct option next to the question number (e.g., Q1. 3,)** and submit online in a .pdf format via the myUnisa online assignment submission. **Do not complete this assignment as an MCQ (NO Mark Reader Sheet is needed)**, just type the correct option next to the question number in Word Document, then convert the .doc to .pdf and submit the converted .pdf via myUnisa online assignments submission.

2. The following unique number has to be assigned to the assignment:

UNIQUE NUMBER:
839992

3. Each question has only ONE correct answer.

4. This assignment consists of 15 compulsory questions.

Marks are awarded according to the number of correct answers provided by the student.

Q1. Stakeholders are people who have interest in the project. Which of the followings is not category of stakeholders?

1. **Internal to both project team and organization**
2. Internal to the project team
3. External to the project team but within the same organization

4. External to both the project team and the organization

Q2. _____ is the process of planning, leading, and controlling the efforts of organizational members and the use of other organizational resources in order to achieve stated organizational goals, simply implies a process of structured activities.

1. **Management**
2. Project
3. Scope
4. Planning

Q3. _____ Priorities the allocation of resource to projects and decides which new projects should be accepted and which existing once should be dropped?

1. Project Management.
2. Project Planning Management.
3. **Project Portfolio Management.**
4. Project Portfolio Optimization.

Q4. Which aspect of software project management places restriction on software developer to follow the requirements of human clients?

1. Invisibility.
2. Complexity.
3. **Conformity.**
4. Flexibility.

Q5 Waterfall as a software development approach is:

1. A good approach when a working program is required quickly.
2. The best approach to use for projects with large development teams
3. An old fashioned model that is rarely used any more.
4. **The ideal approach where requirements are well defined and the development methods are well understood.**

Q6. The linear sequential model of software development is also known as the:

1. Fountain model.
2. **Classical life cycle model.**
3. Spiral model.
4. None of the above.

Q7. In project management, cost-benefit analysis comprises of:

1. Expressing cost and benefits in common units.
2. Identifying all the costs and benefits of carrying out the project and operating the delivered application.
3. **Both 1 and 2.**
4. None of the above.

Q8. One of the main strategy a project manager considers when drawing up plans to bring a project back on target is to shorten the critical path. Which of the following is not one of the ways to shorten a critical path?

1. Reduce quality.
2. Reallocate staff to critical activities.

3. Reduce scope.
4. **Reduce the use of current resources.**

Q9. A project evaluation technique that takes into account both the profitability of a project as well as the timing of the cash flow that are produced is known as _____?

1. CPM.
2. Payback period.
3. **Net Present Value (NPV).**
4. Return On Investment (ROI).

Q10. The basis of successful project management is:

1. Accurate information.
2. Identifying the project stake holder's objectives.
3. Ensuring that these objectives are met.
4. **All of the above.**

Q11. Execution of plan is the _____ step of the stepwise approach?

1. 5.
2. 10.
3. 8.
4. **9.**

Q12. PBSs indicate:

- a. The hierarchy of the products in a PBS.
 - b. The precedence between the components of a PBS.
 - c. The cost and benefits associated with a PBS.
 - d. The deliverable and intermediate products of a PBS.
1. a and b.
 2. a and d.
 3. **a, b and d**
 4. All of the above.

Q13. _____ Cost category ensures that projects are charged directly for use of resources.

1. Staff cost.
2. **Usage cost.**
3. Overhead cost.
4. All of the above.

Q14. Which of the following is not true about PERT network:

1. **PERT network indicates the earliest date.**
2. PERT network places emphasis on the uncertainty of the real world.
3. PERT was developed in an environment of high-risk and state-of-the-art project.
4. PERT network is similar to the CPM technique but it only requires three estimates.

Q15. Strategic decisions regarding projects are:

1. To identify projects to be carried out.
2. To establish hardware and software standards.

3. To document the stages in the software life cycle.
4. **1 & 2.**
5. All of the above.