

Course Title: Software Engineering
Date : 25/ 11 / 2018
No. of Questions: 2 Questions
Time: 1 hour
Using Calculator (No)

University of Palestine



Second Midterm Exam
1st semester 2018/2019
Total Grade:15

Instructor Name: Eng.EmanAlajrami
Student No.: _____
Student Name: _____
College Name: _____
Dep. / Specialist: _____
Using Dictionary (No)

First Question

No Of Branches (1)2.5 Marks

Define the following:

1. Project planning :

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2. Deliverables:

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3. “one-off” Software projects:

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4. Software Process model:

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5. Evolutionary development:

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Second Question	No. Of Branches (5)	12.5 Marks
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1. Giving reasons for your answer based on the type of system being developed, suggest the most appropriate generic software process model that might be used as a basis for managing the development of the following systems: (3 marks)

- a) A virtual reality system to support software maintenance
- b) A university accounting system that replaces an existing system

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2. What is the difference between Validation and Verification? (2 marks)

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3. Write two problems of Evolutionary development lifecycle model? (2 marks)

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4. Why Software project management is difficult? (2.5 marks)

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5. A. Draw the Activity network for the following task table?

Tasks	Duration (days)	Dependency
T1	15	-
T2	5	T1(M1)
T3	7	T2 (M2)
T4	15	T1, T3 (M3)
T5	5	-
T6	10	T3,T5 (M4)

B . What is the critical path for the above schedule and how much time is needed?

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