


Course Title: Business Systems Analysis & Design
Date: 21 /11/ 2011
No. of Questions: 3 Questions
Time: 1 hours
Using Calculator (No)

University of Palestine

Midterm Exam
1st semester 2011/2012
Total Grade: 20

Instructor Name: Ms. Eman Alajrami
Student No.: _____
Student Name: _____
College Name: _____
Dep. / Specialist: _____
Using Dictionary (No)

First Question	No. of Branches (1)	5 Marks
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(A) **(5)**

Put (√) or (X) for each of the following statements:

- 1) ITBA is someone who works within the context of the business. ()
- 2) Objects of the same class have the same attributes, but may differ in operations. ()
- 3) A business object is something the business must keep track of, or that participates in business processes. ()
- 4) When a child class inherits from a base class, the child class inherits just the attributes of the base class. ()
- 5) The purpose of the initiation phase in B.O.O.M is to get a rough cut at the business case for a proposed IT project ()

Second Question	No. of Branches (3)	11 Marks
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(A) Define the following: **(5)**

1. **UML:**


2. **Encapsulation:**

3. **A business model:**

4. **SDLC:**

5. **Opportunity Evaluation:**

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(B) Answer the following questions:

(6)

1. The first phase in B.O.O.M is the initiation phase. List the steps you will follow during this phase? (2 marks)

2. Compare between Structured walkthrough interviews and JAD. (2 marks)

3. If you know that Cats and Lions belong to the same class Animals
a) Define one attribute and one operation for each class. (1 mark)

b) What is the relation between the classes. (1 mark)

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Third Question	No. of Branches (1)	4 Marks
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Draw a use case diagram for the following ATM system:

- An operator can start the system and can shut it down.
- The customer can open a session.
- The session includes the transaction
- The transaction can be withdrawal, deposit or transfer.
- Any transaction should be connected to the bank system to validate the process.

End of Questions
Good Luck