

Mansoura University Faculty of Engineering Building and Construction Engineering (BCE)		Full Mark is 50
Exam Time: 2hours	Final Term Exam 13-1-2015	Management Information Systems

**Answer all questions & Assume any missing data**

**Q1) Explain the differences between the following (12 marks) :**

- a) Agile models and Plan-driven models (with respect to: Process visibility, Cost, Complexity) (3 marks)
- b) Routines, business process and firms (3 marks)
- c) anonymity and pseudonymity (2 marks)
- d) cookies and web bugs (2 marks)
- e) Privacy Policies and Privacy Seals (2 marks)

**Q2) (12 marks)**

Consider the case of developing an information system where each phase takes up to 8 weeks to finish:

- a) Indicate the project workflow using an incremental approach and the delivery times (4 marks).
- b) Draw the project Gantt chart with start-up on 1-1-2015 (4 marks).
- c) If the client asked for a change in the requirements which requires additional work of about 2 weeks, indicate the best way to accommodate the change and its impact on the delivery (4marks).

**Q3) 10 marks**

In the below statements, choose the right answer (only one answer is correct):

3.1 During which phase do we agree on the design of a RUP project?

- a) Inception      b) Elaboration      c) Construction      d) Transition

3.2 In an Agile project, we discovered that the requirements specification was not completed successfully. Which of the following is a recommended solution?

- a) cancel the project
- b) start a new requirements iteration
- c) extend the requirements phase
- d) none of the above

3.3 While managing people, a project manager should take into account which of the following needs of his team:

- a) Basic needs    b) Personal needs    c) Social needs    d) a, b, and c

3.4 People can be classified according to how they can be motivated to work as follows:

- a) mission-oriented      b) self-oriented
- c) social-oriented      d) all of the above



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**Q4) Fill in the blanks with the right words (10 marks):**

1. System development lifecycle starts when a system product is .....(a)..... and ends when the product is ..... (b).....
2. Software process is ..... required to develop software systems.
3. .... is the most cost-effective model for system development when requirements are expected to change.
4. .... can be avoided while issues not.
5. ....are information systems that are used by managers to make strategic decisions.
6. A ..... consists of a collection of tasks following certain rules to achieve certain goals.
7. A ..... describes the relationships between employees and departments in an organization.
8. A ..... is used when attaching a security cable to a laptop.
9. ....are used to process specific types of data during different operations.

**Q5) (6 marks):**

- a) draw a diagram showing business process lifecycle (2 marks)
- b) List two types of information systems (2 marks)
- c) List two examples of enterprise information systems (2 marks)

(End of Questions)  
Best Wishes,  
Dr. Amr Thabet