Course No.: **TMIS 4314**		Lecturer Name: **Dr. Tamer Madi**
Course Title**: IT Audit and Control**		College Name:**Information Technology**
Date: 26/05/2019		Dep. / Specialist:**MIS**
No. of Questions: **4**	2ⁿᵈ Semester 2018/2019	Total Grade: **30**
Time: **2 hours**	Final Exam	Using Calculator : **No**
Student Name:		Student No:

Dear students,

First of all you should to read carefully through all the exam questions, and then you have to attempt the

questions that you think you can answer completely.

This exam contains **FOUR (4)** questions in **FIVE (5)** printed pages include the cover page.

Answer all the questions in the space provided.

Good luck & best wishes

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FOR INSTRUCTOR USE ONLY

Question 1	**Question 2**	**Question 3**	**Question 4**	**Total**

Notes:

Signature:

Q1)Indicate whether the following statements are True or False: (5 Marks)

( )	1. SQA process can be implemented for product, process or people.
( )	2. One of the causes of errors is non-compliance of the documentation and instructions.
( )	3. The revision quality factors in McCall model deal with requirements that directly affect the daily operation of the software.
( )	4. In real-life projects, SQA process might be implemented only in the development phase.
( )	5. The definition of the quality policy includes the roles, responsibilities and obligations of SQA.
( )	6. The development plan in the project plan focuses on the quality factors.
( )	7. Inadequate definition of the project requirements is one of the advantages of "loose relationships" internal projects to internal customers.
( )	8. Software products include only software packages/systems.
( )	9. Software testing is the first software quality tool applied as "acceptance testing" to control the software product's quality.
( )	10. The metrics can help in monitoring and controllingthe design phase.

Q2) Define the following terms? (5 Marks)

SQA:

Contract Review:

Product Requirement:

Software Testing:

SQ Metric:

Q3) Compare between the following? (8Marks)

A) *SQA Plan* vs. *Project Plan*?(2 marks)

B) *Proposal Review* vs. *Contract Review*?(2 marks)

C) *Incremental Testing* vs. *Big Bang Testing*?(2 marks)

D) *Black Box Testing* vs. *White Box Testing*?(2 marks)

Q4) Answer the following questions: (12Marks)

A) List 4 of the key principles of SQA?(2 marks)

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B) Describe the project plan for small projects?(1mark)

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C) What are the characteristics of major proposals?(1 mark)

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D) There are several types of software products evaluation. One of them is the evaluation of products for acceptability by the customer. Describe it?(2marks)

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E) What are the objectives of software testing?(2marks)

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F) Describe the characteristics of metrics? (2 marks)

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G) Discuss how would you as QA implement the quality metrics? (2 marks)

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End of Questions

Best Wishes