

5 hrs 40 min

بسم الله الرحمن الرحيم

University Of Technology

Subject: Information Technology

Computer Science Dept.

Class: 1st

Examiner: Ekhlas Khalaf

Final exam 2008/2009

Time: 3hrs

الدور الاول

Note: Answer only seven questions:-

Q1/Describe what the internet is, how it works? Then list the differences between internet and the intranet. (10 marks)

Q2/Define five of the following

1/protocols 2/broadband transmission 3/data isolation 4/information 5/multitasking

6/spreadsheets (10 marks)

Q3/Describe the general functions of the following:- (10 marks)

1-Operating System 2-Multiplexer 3-Network Communication Software 4-Registers

Q4/Describe & explain in details the following:

1-virtual memory

2-machine language

3-data definition language (10 marks)

Q5/Distinguish between the following (THREE ONLY)

1-RAM & CACHE memory

2-System software & Application software

3-Centralized database & Distributed database

4-coaxial cable & fiber optical cable (10 marks)

Q6/Describe the components of the following:-

1-Telecommunications system 2-CPU 3-information system (10 marks)

Q7/What are the features of the following?

1-magnetic tapes

2-monitors

3-WAN networks (10 marks)

Q8/Describe the hierarchy of computers according to power. (10 marks)

Good luck