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: (10 marks)

1-Telecommunications system  2-CPU  3-information system

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