Q1/ Answer the following: *(ONLY Two)*

A/ Describe how database approach overcomes the problems associated with the traditional file environment?

B/ List the tasks of operating system

C/ Explain in details the term (Virtual Memory)

Q2/ A/ Describe the design and functioning of the central processing unit.

B/ Describe what the internet is, how it works? Then list the differences between internet and The intranet.

Q3/ Define the following *(ONLY SEVEN)*

1-Data model  2-Topology  3-Search engine  4-Replicated database  
5-Memory capacity  6-multiplexer  7-multiprogramming  8-IS

Q4/ A/ Differentiate between the following:-

1-Input & Output Technologies  

2-RAM & Magnetic tapes

B/ Explain in details (Machine language)

C/ What are the components of a telecommunication system?

Q5/ A/ "Networks are essential to modern businesses for many reasons" list these reasons, and then classify the major types of networks.

B/ Differentiate between twisted pair cable & fiber optical cable

Q6/ A/ what are the differences between system software & application software?

B/ what are the features of microcomputers?

C/ What are the functions of network communications Software?

Good Luck