Unique Paper Code	: 22411403(OC)	
Name of the Paper	: Computers Applications in Business (BCH 4. 3)	
Name of the Course	: **B. Com. (Hons)**	
Semester	: IV	
Time	: 3 Hours	
Maximum Marks	: 25	

Instructions for Candidates

1.   Write your Roll No. on the top immediately on receipt of this question paper.
2.   Attempt any **four** questions out of the **six** questions given below.
3.   All questions carry equal marks.
4.   Answers may be written in English or Hindi but the same medium should be followed throughout the paper.

1.   While purchasing a computer system, both the hardware and software are purchased together. Briefly explain how hardware and software are complementary to each other? Also explain the points of difference between hardware and software.

2.   "Operating system acts as a manager of various resources of a computer System". Do you agree with the statement? Explain your answer while explaining various functions performed by operating system.

3.   PQR Ltd. wishes to create a flexible computer network that is capable of adjusting for any sudden temporary demand of additional computers in the network and then reverting back to original scale According to you, which network topology should PQR Ltd. use for setting the computer network? Compare the network topology that you suggest to PQR Ltd. with other commonly used network topologies on the basis of their merits and demerits along with the diagrams for these network topologies.

4.   Compare client server computing architecture with peer-to-peer computing architecture. Explain with the help of diagram.

5.   Briefly explain different keys in relation with database management system. What is the role of these keys in database systems?

6.   According to you which data management system is better, traditional file system or relational database model? What is the role of referential integrity in relational database models of data management?