**Kibabii University**

**Department of Computer Science**

**COURSE CODE: CSC 215**

**COURSE TITLE: SYSTEM ANALYSIS AND DESIGN**

**CAT 2**

**Answer all questions**

**A Music course management system**

“A ballet studio receives an inquiry from a customer. A receptionist logs the inquiry into an inquiry file, and forwards the inquiry to the facilities planning department and to the scheduling department. The scheduling department coordinator searches the online course catalog file to find a course description that best matches the customer’s needs. The scheduling coordinator then searches the schedule file to find dates and times for that course. Finally, the scheduling coordinator sends the course description along with scheduled dates and times to the customer.”

1. Study the scenario above and;
2. Design a level 0 DFD [3 Marks]
3. Design a level 1 DFD [7 Marks]
4. From the level1 DFD pick a process of your choice and develop a level 2 DFD from it [10 Marks]