RegdNo. 323103395

Assignment No. 2

Course Code: ECAP560 **Registration Number: _____**

Instructions:

a. Attempt all questions given below in your own handwriting. Assignment in typed format will not be considered for evaluation.

b. The student has to complete the assignment in the allocated pages only. Any other page in case utilized shall not be considered.

Q1. Consider a system consisting of processes P_1 , P2, P, each of which has a unique priority number. Write a monitor that allocates three identical line printers to these processes, using the priority numbers for deciding the order of allocation. [10 Marks] [CO2, L3]

Signature of the Student_____

Note:-

CO: is the Course Outcome as per your course syllabus.

L1-L6: Learning level objectives as per Revised Bloom Taxonomy (RBT).

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Q2. When a process is rolled out of memory, it loses its ability to use the CPU (at least for a while). Describe another situation where a process loses its ability to use the CPU, but where the process does not get rolled out. [10 Marks] [CO2, L3]

Signature of the Student_____

Note:-

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L1-L6: Learning level objectives as per Revised Bloom Taxonomy (RBT).