

Name:

Student ID:



**Class Test 4**

*United International University (UIU)*

Fall Trimester: 2020; Course Code: IPE 401; Course Title: Industrial Management  
Full Marks: 20 Date: 10 / 01 /2021 Time: 20 minutes  
CSE-SECTION (A)

1. What are the differences between Juran's optimum quality cost model and alternative model? show it with necessary sketches and explanation (4)

2 Sequence the following jobs by using LPT and EDD priority rules and determine average completion time, average number of jobs in the system, Utilization, average job lateness and determine the best sequence with respect to average number of jobs in the system. (16)

Job	Processing Time (hr)	Due time(hr)
F	279	291
D	269	305
C	278	567
A	298	678
E	289	345
B	299	788

**Do not Copy**