

## Study questions on Scheduling

1.

Consider the following job times for 6 different jobs to be processed in two different work centres where all jobs go first through WC 1, and then through WC 2. Find the optimum sequence for processing the 6 jobs through both work centres and show it on a Gantt chart indicating the total processing time.

Job	WC 1	WC 2
A	6	12
B	3	7
C	18	9
D	15	14
E	16	8
F	10	5

2.

In general terms, how is the amount of WIP inventory affected by an increased equipment utilization?

3.

ACME Ltd. Is a machining workshop with a high reputation of on-time delivery of finished orders. They are currently using EDD for their order sequencing. Is there another sequencing rule that may further minimize the risk of delays?

Other excersises can be found in the old exams:

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