Assignment 7

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment.

1) Make-up time is the __________________________.
   
   - Time for a job from some starting point until that job is completed.
   - Time from when processing begins on the first job of a set until the last job is completed.
   - Amount of time after the due date when the job is completed.
   - Total job flow time for the job.

2) No, the answer is incorrect.
   
   - Total job flow time for the job.

3) Accepted Answers:
   
   - Time for a job from some starting point until that job is completed.
   - Time from when processing begins on the first job of a set until the last job is completed.

4) A set of jobs is to be scheduled on a single machine as per the sequence of the earliest due date rule. The average number of tardiness of jobs (jobs late) / total tardiness and total earliness are ________.

   - $E_D = \frac{\sum_{i=1}^{n} \text{tardiness of job } i}{\sum_{i=1}^{n} \text{earliness of job } i}$

5) The jobs which are completed after the due date is called __________________________.
   
   - Processed job
   - Job seen late
   - Tardiness job
   - Job station

6) No, the answer is incorrect.
   
6.1) Accepted Answers:
   
   - Tardiness job

7) Overhead used for scheduling and control of production activities is __________________________.
   
   - x and k chart
   - Flow process chart
   - Tree chart
   - Gantt chart

8) No, the answer is incorrect.
   
8.1) Accepted Answers:
   
   - Gantt chart

9) Job shop planning which is NOT active planning __________________________.
   
   - Material control
   - Loading
   - Forecasting
   - Scheduling

10) No, the answer is incorrect.

10.1) Accepted Answers:
   
   - Forecasting

11) Purpose of the master schedule is to __________________________.
   
   - Determine the overall production plan for the near future.
   - Produce a rough time schedule for production of the products.
   - Quantity that what and how much production should be produced.
   - All of the above

11.1) No, the answer is incorrect.

11.1.1) Accepted Answers:
   
   - All of the above

12) According to the shortest processing time (SPT) rule, the jobs are processed in sequence of __________________________.
   
   - Increasing order of their processing time
   - Decreasing order of their processing time
   - Increasing order of their due date
   - Decreasing order of their due date

12.1) No, the answer is incorrect.

12.1.1) Accepted Answers:
   
   - Increasing order of their processing time

13) In connection with scheduling if the critical ratio for a job is less than unity, it indicates __________________________.
   
   - Job completed before the due date with tardiness
   - Job completed on the due date and without tardiness
   - Job completed after the due date and with tardiness
   - Job completed after the due date without tardiness

13.1) No, the answer is incorrect.

13.1.1) Accepted Answers:
   
   - Job completed after the due date with tardiness

14) In a job shop production model __________________________.
   
   - Routing for all job through the machine may follow any path
   - Routing for all job through the machine is understandable
   - Routing for all job must start and end at the same point
   - Routing of all jobs managed by managerial level

14.1) No, the answer is incorrect.

14.1.1) Accepted Answers:
   
   - Routing of all jobs managed by managerial level