University of Mumbai
Online Examination 2020

Program: BE Mechanical Engineering
Curriculum Scheme: Revised 2016
Examination: Final Year Semester VII
Course Code: MEC703 and Course Name: Production planning and control

Time: 1hour

Max. Marks: 50

Note to the students:- All the Questions are compulsory and carry equal marks .

Q	PPC is an
A	Isolated system
B	Ideal system
C	Idle system
D	Integrated system
Q	Drills, reamers, taps, cutters etc form the part of
A	Machine data
B	Layout data
C	Product data
D	Tooling data
Q	Job type of manufacturing requires
A	Highly Skilled labor
B	Semi-skilled labor
C	Un-skilled labor
D	Un-employed labor
Q	The primary purpose of the mean absolute deviation (MAD) in forecasting is to
A	Estimate the trend line
B	Eliminate forecast errors
C	Measure forecast accuracy

D	Seasonally adjust the forecast
Q	The aggregate planning stratergy that is most likely to impact adversely upon the productivity of manufacturing workers is
A	Lay off of workers
B	Hiring of temporary workers
C	Building anticipation inventory
D	Use of overtime
Q	Which of the following is the quantitative forecasting?
A	Executive opinions
B	Moving average
C	The Delphi method
D	Consumer surveys
Q	Which of the following is the quantitative forecasting?
A	Executive opinions
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Q	Demand: 10000, Ordering Cost: 150 per order, Carrying Cost: 0.75/Unit/year, Shortage Cost is 2 Rs/Unit/ Year . In this example the Economic Order Quantity is
A	2245
B	2145
C	2445
D	2345
Q	Demand: 20000, Ordering Cost: 200 per order, Carrying Cost: 12.5/Unit/year, Shortage Cost is 30 Rs/Unit/ Year . In this example the Economic Order Quantity is
A	952
B	945
C	962
D	942
Q	Which of the following is not an inventory
A	Machines

B	Raw Material
C	Finished Products
D	Consumable tools
Q	The following classes of costs are usually involved in inventory decisions except
A	Cost of Ordering
B	Carrying Cost
C	Cost of Shortages
D	Machining Cost
Q	Selection of the machine/process depends on_____
A	Layout design
B	Critical Path Method
C	Transportation
D	Job life and lot size
Q	Largest Candidate Rule' technique is used for_____
A	Project time estimation
B	Line balancing
C	Sequencing
D	Assignment
Q	Line balancing is carried out at_____
A	Initial stage
B	Intermidiate stage
C	Assembly stage
D	Delivery stage
Q	What type of process would a Car manufacturing plant be most likely to use?
A	Job shop
B	Batch
C	Continuous flow
D	Project
Q	The artificial activity which indicates that an activity following it, can not be started unless the precedding activity is complete, is known as

A	Event
B	Free Float
C	Dummy
D	Constraint
Q	The difference between the time available to do a job and the time required to do the job is known as
A	Event
B	Float
C	Duration
D	Constraint
Q	The critical activity has
A	Maximum Float
B	Minimum float
C	Zero float
D	Undefinate float
Q	For completion of a project, the ciritical path of the network represents
A	Maximum Time
B	Minmum time
C	Maximum cost
D	Minimum cost
Q	Which of the following represent an event ?
A	Concrete cured
B	Fixing a door
C	Plastering of walls
D	Selecting sites
Q	If a is the optimistic time, b is the pessimistic time and m is most likely time of an activity, then expected time of activity, is
A	a+m+b
B	a+4m+b
C	a+2m+b
D	a+5m+b

Q	ERP stands for
A	Enterprise resource planning
B	Employee requirement planning
C	Enterprise requirement planning
D	Enterprise reform planning

Q	_____ of ERP gathers financial data from various functional departments, and generates valuable financial reports.
A	Financial module
B	Human resource module
C	Production module
D	Purchasing module

Q	_____ of ERP maintains a complete employee data based including contact information, salary details, attendance, performance evaluation and promotion of all employees.
A	Financial module
B	Human resource module
C	Production module
D	Purchasing module

Q	_____ of EPR streamlines procurement of required of raw material.
A	Financial module
B	Human resource module
C	Production module
D	Purchasing module