

Program: BE Mechanical Engineering

Curriculum Scheme: Revised 2016

Examination: Final Year Semester VII

Course Code: MEC703 and Course Name: PPC

Time: 1 hour

Max. Marks: 50

=====

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

Q1.	The act of preparing detailed work instructions is to produce a part is called as
Option A:	Product Planning
Option B:	Process Planning
Option C:	Capacity planning
Option D:	Aggregate Planning
Q2.	The system which creates plans by means of logic, formulas, Geometry based data and other logical process is known as
Option A:	Retrieval type CAPP
Option B:	Generative CAPP system
Option C:	Both A and B
Option D:	None of the above
Q3.	The percentage of production line is working is called as
Option A:	Cycle time
Option B:	Throughput
Option C:	Lead Time
Option D:	Utilization Factor
Q4.	Sequencing a job in a way that the job with least processing time picked first is called as
Option A:	SPT rule
Option B:	EDD rule
Option C:	STR rule
Option D:	None of the above
Q5.	Sequencing a job in a way that the job in order to non-decreasing due dates is called as
Option A:	SPT rule
Option B:	EDD rule
Option C:	STR rule
Option D:	None of the above

Q6.	‘How many are already scheduled to be available in each future.’ This information can be obtained through
Option A:	Bill of Material
Option B:	Inventory Status File
Option C:	Master Production Schedule
Option D:	Planned order Release
Q7.	‘When to order there amounts so that they will be available when needed’ This information can be obtained through
Option A:	Bill of Material
Option B:	Inventory Status File
Option C:	Master Production Schedule
Option D:	Planned order Release
Q8.	Process selection is primarily considered during:
Option A:	Planning
Option B:	Organizing
Option C:	Leading
Option D:	Controlling
Q9.	The responsibilities of the operations manager are:
Option A:	planning, organizing, staffing, procuring, and reviewing
Option B:	planning, organizing, staffing, directing, and controlling
Option C:	forecasting, designing, planning, organizing, and controlling
Option D:	forecasting, designing, operating, procuring, and reviewing
Q10.	Breakeven analysis is a
Option A:	Short term analysis
Option B:	Long term analysis
Option C:	Moderate
Option D:	Average term Analysis
Q11.	Which of the following layouts is suited to job production?
Option A:	Process Layout
Option B:	Product layout
Option C:	Fixed position layout
Option D:	Plant layout
Q12.	A critical activity has
Option A:	Maximum slack
Option B:	Minimum slack
Option C:	Zero slack
Option D:	Average slack

Q13.	In PPC, MRP stands for
Option A:	Material Requirement planning
Option B:	Most Retail Plan
Option C:	Measurable Retail Plan
Option D:	Mean rate plan
Q14.	Introduction of a new product on a very small scale in a very small market is called:
Option A:	Commercialization
Option B:	Test marketing
Option C:	Market research
Option D:	Market survey
Q15.	Release of production order is called
Option A:	Expediting
Option B:	Inspection
Option C:	Dispatching
Option D:	Progressing
Q16.	Loading may be defined as
Option A:	Sending the raw material to the machine
Option B:	Sending the finished material to the store
Option C:	Assign the work to the facilities
Option D:	Uploading a software in machine control panel
Q17.	When using exponential smoothing, the smoothing constant
Option A:	Is typically between .75 and .95 for most business applications
Option B:	Indicates the accuracy of the previous forecast
Option C:	Can be determined using MAD
Option D:	Should be chosen to maximize positive bias
Q18.	When all three 'pure' capacity plans are used in combination, this is called a:
Option A:	Mixed plan
Option B:	Composite plan
Option C:	Composite strategy
Option D:	Aggregate strategy
Q19.	Resource where the scheduled work exceeds the capacity is called as
Option A:	Job lateness
Option B:	Makespan
Option C:	Bottleneck
Option D:	Tardiness
Q20.	A.B.C. analysis deals with
Option A:	Seasonality of items

Option B:	Criticality of the items
Option C:	Annual usage value of items
Option D:	Functionality of item
Q21.	Computer aided process planning is a link between
Option A:	CAD-CAE
Option B:	CAM -CAE
Option C:	CAD-CAM
Option D:	CIM-CAD
Q22.	The process of assigning tasks to workstations in such a way that, the workstations have approximately equal time requirements is called
Option A:	Line balancing
Option B:	Scheduling
Option C:	Workstation loading
Option D:	Process sequencing
Q23.	In which stage of Product life cycle the brand choice is heavily influenced by reference group
Option A:	Introduction
Option B:	Growth
Option C:	Maturity
Option D:	Decline
Q24.	The shortest possible time if everything goes perfectly well without any complications is called
Option A:	Most likely time
Option B:	Pessimistic time
Option C:	Optimistic time
Option D:	Project duration
Q25.	PERT stands for
Option A:	Program Estimation and Reporting Technique
Option B:	Process Estimation and Review Technique
Option C:	Program Evaluation and Review Technique
Option D:	Planning Estimation and Resulting Technique