

Program: BE Mechanical Engineering

Curriculum Scheme: Revised 2012

Examination: Final Year Semester VIII

Course Code: MEC802 and Course Name: IEM

Time: 1 hour

Max. Marks: 50

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

Q1.	The system of ranking jobs in a firm on the basis of the relevant characteristics, duties, and responsibilities is known as
Option A:	Job evaluation
Option B:	Job design
Option C:	Job specification
Option D:	Job description
Q2.	The value of the future net incomes discounted by the cost of capital are called
Option A:	Average capital cost
Option B:	Discounted capital cost
Option C:	Net capital cost
Option D:	Net present values
Q3.	Choose the wrong statement. Motion study is used for
Option A:	improving a work method
Option B:	improvising a work method
Option C:	designing a work method
Option D:	reducing inventory costs.
Q4.	Which of the following is the first step in making a correct location choice?
Option A:	Develop location alternatives
Option B:	Decide the criteria for evaluating location alternatives
Option C:	Evaluate the alternatives
Option D:	Make a decision and select the location
Q5.	The following are the principles in the application of Anthropometric data except
Option A:	Design for extreme individuals
Option B:	Design for the average
Option C:	Design for adjustable range
Option D:	Design for the optimum
Q6.	The product is evaluated by identifying the function in two words

Option A:	Verb and Noun
Option B:	Noun and Pronoun
Option C:	Verb and Adverb
Option D:	Adjective and Verb
Q7.	Verification of the action is called:
Option A:	Response selection
Option B:	Feedback
Option C:	Response action
Option D:	Response execution
Q8.	The following cell formation technique is based on Component shape and design
Option A:	Production flow analysis
Option B:	Component flow analysis
Option C:	Composite component
Option D:	Simulation
Q9.	Depreciation arises because of
Option A:	Wear and Tear
Option B:	Decrease in the value of asset
Option C:	Increase in the value of liability
Option D:	Decrease in capital
Q10.	Time study is carried out to determine the time required to complete job by
Option A:	A slow worker
Option B:	A fast worker
Option C:	An average worker
Option D:	An apprentice
Q11.	Micromotion study is
Option A:	enlarged view of motion study
Option B:	analysis of one stage of motion study
Option C:	minute and detailed motion study
Option D:	subdivision of an operation into therbligs and their analysis
Q12.	The Value Engineering tools and techniques are followed by the given sequence
Option A:	Create, Blast, Refine
Option B:	Blast, Refine, Create
Option C:	Refine, Blast, Create
Option D:	Blast, Create, Refine
Q13.	Analysis and diagnosis comes under which category:
Option A:	Problem solving
Option B:	Decision making
Option C:	Planning

Option D:	Execution
Q14.	Work sampling observations are taken on the basis of
Option A:	detailed calculations
Option B:	convenience
Option C:	table of random numbers
Option D:	past experience
Q15.	The cost of debt capital is calculated on the basis of
Option A:	Net Proceed
Option B:	Annual interest
Option C:	Capital
Option D:	Annual depreciation
Q16.	Buildings for foundries and steel mills are often of the
Option A:	Flat roof
Option B:	Saw tooth
Option C:	Highbay
Option D:	Bow string
Q17.	Method based productivity improvement techniques do not include:
Option A:	Value analysis/ Value engineering
Option B:	Human factors engineering
Option C:	Product diversification
Option D:	Product mix and Promotion
Q18.	Which is not a benefit of work study
Option A:	Increase in productivity
Option B:	Improved workplace layout
Option C:	Increased material handling costs
Option D:	Fair wages to employees
Q19.	Maximum value is obtained when essential function is achieved for
Option A:	Minimum time
Option B:	Maximum cost
Option C:	Minimum cost
Option D:	Maximum time
Q20.	What are bulk loads?
Option A:	Lump of material
Option B:	Single rigid mass
Option C:	Homogeneous particles
Option D:	Heterogeneous particles
Q21.	What is not a factor effecting the response selection and execution?
Option A:	Design complexity

Option B:	Semantic memory
Option C:	Compatibility
Option D:	Feedback
Q22.	Which of the following is not a hoisting equipment with lifting gear?
Option A:	Cage elevators
Option B:	Jib cranes
Option C:	Pulleys
Option D:	Troughed belts
Q23.	In the job designing concept, BPR stands for
Option A:	Business Process Resourcing
Option B:	Business Process Reengineering
Option C:	Business Process Reporting
Option D:	Business Process Remodelling
Q24.	Which of the following basic human motion is NOT a part of PMTS
Option A:	Reach
Option B:	Stop
Option C:	Release
Option D:	Grasp
Q25.	Long term finance is required for _____
Option A:	Current assets
Option B:	Fixed assets
Option C:	Intangible assets
Option D:	Variable assets