

Program: BE Civil Engineering

Curriculum Scheme: Revised 2012

Examination: Final Year Semester VIII

Course Code: CE-C 803

Course Name: Construction Management

Time: 1hour

Max. Marks: 50

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

Q1.	On Gantt bar chart different activities of a project are shown by
Option A:	circles
Option B:	horizontal lines
Option C:	vertical lines
Option D:	inclined lines
Q2.	Which of the following is not a type of an event?
Option A:	Head Event
Option B:	Ordinary Event
Option C:	Tail Event
Option D:	Dual Role Event
Q3.	In context with network diagram, which of the following is not a type of activities?
Option A:	Preceding Activities
Option B:	Succeeding Activities
Option C:	Simultaneous Activities
Option D:	General Activities
Q4.	Who is known as father of Modern Management?
Option A:	Henry Fayol
Option B:	Elton mayo
Option C:	Henry Fayol
Option D:	Fredric Taylor
Q5.	The inter relationship between the functional elements of programme is achieved through which technique?
Option A:	P - chart
Option B:	Gantt chart
Option C:	Work break down structure
Option D:	Q - chart
Q6.	Which activity has Zero total float?
Option A:	Sub-Critical activity
Option B:	Critical activity

Option C:	Super-critical activity
Option D:	Normal activity
Q7.	In which order, various stages of Construction Project is carried out ?
Option A:	Tender and Contract Stage – Conceptual stage – Analysis and Design Stage – Construction Stage
Option B:	Conceptual stage – Tender and Contract Stage -Analysis and Design Stage – Construction Stage
Option C:	Analysis and Design Stage – Tender and Contract Stage – Construction Stage - Conceptual stage
Option D:	Conceptual stage – Analysis and Design Stage – Tender and Contract Stage – Construction Stage
Q8.	For a small construction project which type organisation structure is applicable
Option A:	Matrix Organisation
Option B:	Line Organisation
Option C:	Line and Staff Organisation
Option D:	Functional Organisation
Q9.	As per A-B-C analysis, which of the following material comes under B Category?
Option A:	Fixtures & fastenings
Option B:	Sand
Option C:	Steel
Option D:	Cement
Q10.	Which of the following is not a phase involved in life cycle of project?
Option A:	Conception Phase
Option B:	Definition Phase
Option C:	Project Clean up Phase
Option D:	Coordinating Phase
Q11.	Interfering float is the difference between
Option A:	Total float and independent float
Option B:	Total float and free float
Option C:	Free float and independent float
Option D:	Total float and activity duration
Q12.	Which of the following cannot be termed as function of material management?
Option A:	Material Purchasing
Option B:	Material Planning
Option C:	Inventory Control
Option D:	Material analysis
Q13.	Inventory Control is an important part of which management?
Option A:	Material
Option B:	Human Resource

Option C:	Machines
Option D:	Finance
Q14.	Which of the following is not a time estimate considered in PERT analysis?
Option A:	Optimistic time
Option B:	Optimum time
Option C:	Most likely time
Option D:	Pessimistic time
Q15.	Amongst following criterias, which is not an economic appraisal criterion?
Option A:	Economic Value
Option B:	Pay-back Period
Option C:	Net Present Value
Option D:	Average Rate of Return
Q16.	In context with A-B-C analysis, which of the following statement is applicable for items belongs to A Category?
Option A:	10 % items consume 70 % cost
Option B:	70% items consume 10 % cost
Option C:	20 % items consume 20 % cost
Option D:	50 % items consume 50 % cost
Q17.	What is the process of incorporating changes and re-scheduling or re-planning called?
Option A:	Updating
Option B:	Resource smoothing
Option C:	Resource leveling
Option D:	Time Cost Optimization
Q18.	The duration corresponding to minimum total project cost is
Option A:	crash duration
Option B:	normal duration
Option C:	standard duration
Option D:	optimum duration
Q19.	As per time cost optimization procedure, which activity of the network is to be crashed first?
Option A:	Non critical activity having maximum cost slope
Option B:	Critical activity having maximum cost slope
Option C:	Non critical activity having least cost slope
Option D:	Critical activity having least cost slope
Q20.	Which of the following sub costs is not the part of direct cost of the project?
Option A:	Cost of materials
Option B:	Cost of labours
Option C:	Hiring charges of machines
Option D:	Electricity bills of site office

Q21.	OSHA stands for
Option A:	Occupational safety & health administration
Option B:	Occupational safety & harbor administration
Option C:	Ocean Sea & harbor administration
Option D:	Organization of health administration
Q22.	In which Year, 'Payment of Wages Act' was introduced?
Option A:	1948
Option B:	1936
Option C:	1945
Option D:	1924
Q23.	What do QA and QC stand for?
Option A:	Quality Assurance and Quality Queuing control
Option B:	Quality Adjustment and Quality Completion
Option C:	Quality Assurance and Quality Control
Option D:	Quality Adjustment and Querying Control
Q24.	What is the full form of SQC?
Option A:	Site Quality Control
Option B:	Statistical Quality Control
Option C:	Substandard Quality Control
Option D:	Substantial Quality Control
Q25.	Which of the following is a component of indirect cost of project?
Option A:	Material Cost
Option B:	Various overheads
Option C:	Hiring Charges of equipments
Option D:	Labour Cost

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Question	Correct Option (Enter either 'A' or 'B' or 'C' or 'D')
Q1.	B
Q2.	B
Q3.	D
Q4	A
Q5	C
Q6	B
Q7	D
Q8.	D
Q9.	B
Q10.	D
Q11.	B
Q12.	D
Q13.	A
Q14.	B
Q15.	A
Q16.	A
Q17.	A
Q18.	D

Q19.	D
Q20.	D
Q21.	A
Q22.	B
Q23.	C
Q24.	B
Q25.	B