

# University of Mumbai

Program: ALL\_Institute Level Optional Course 2

## Question Bank

Curriculum Scheme: Rev2016

Examination: BE Semester VIII

Course Code: ILO 8021 and Course Name: PROJECT MANAGEMENT

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### Objective Questions

Q1.	Choose the correct option for following questions. All the Questions are compulsory and carry equal marks
1.	Which is an example of Triple Constraint?
Option A:	Scope, Human Resource, Time
Option B:	Quality, Scope, Human Resource
Option C:	Cost, Human Resource, Time
Option D:	Scope, Cost, Time
2.	The payback period for a project
Option A:	is the initial fixed investment in the project divided by the estimated annual net cash inflows from the project.
Option B:	is the discounted cash flow method determines the net present value of all cash flows by discounting them by the required rate of return
Option C:	Also known as the benefit–cost ratio
Option D:	the internal rate of return is the discount rate that equates the present values of the two sets of flows.
3.	Earliest expected time of completion for an activity is found using
Option A:	Expected time calculation
Option B:	Forward Pass method
Option C:	Backword Pass Method
Option D:	Crashing
4.	Why does activities on critical path of a CPM network are called critical
Option A:	They represent maximum project completion time
Option B:	They cannot tolerate any delay in completion
Option C:	They consume maximum rresources
Option D:	These are most cpmplex activities on project
5.	The lowest element in the hierarchical breakdown of the WBS is
Option A:	Deliverable
Option B:	Work package
Option C:	Responsibility matrix
Option D:	Bottoms up budget
6.	Which of the following technique will ensure that impact of risk will be less?
Option A:	Risk avoidance technique
Option B:	Risk Mitigation technique
Option C:	Risk contingency technique

Option D:	Risk monitoring technique
7.	A risk is known as Positive risk or opportunity if-
Option A:	Impact is positive which you may want to actualize
Option B:	Impact is negative which you want to lesson its impact
Option C:	Impact is positive which you want to lesson its impact
Option D:	Impact is negative which you may want to actualize
8.	A project is overbudget when
Option A:	CPI > 1
Option B:	SPI > 1
Option C:	CPI and SPI > 1
Option D:	CPI less than 1
9.	What is a quality audit?
Option A:	A team meeting dedicated to measuring and examinations.
Option B:	A quality based inspection of work results.
Option C:	A structured review of quality management activities.
Option D:	A meeting with the customer to identify quality requirements.
10.	Most important 4 values identified by PMI are responsibility, respect, fairness, and
Option A:	sincere
Option B:	dishonesty
Option C:	Honesty
Option D:	workholic
11.	Which amongst the following does not comes under Non Numeric Model of Project Selection?
Option A:	Non Linear Programming
Option B:	The Scared Cow
Option C:	The Operating Necessity
Option D:	The Competitive Necessity
12.	In which stage of team development the entire team act as a strangers?
Option A:	Forming
Option B:	Storming
Option C:	Norming
Option D:	Performing
13.	_____ encompasses the processes used for making sure project procurement is successful
Option A:	Project Selection
Option B:	Project Management
Option C:	Project Resource Management
Option D:	Project procurement management
14.	Biggest challenges in leading Multicultural team is
Option A:	Language Barrier
Option B:	Cultural Barrier
Option C:	Building common trust and vision
Option D:	All of above

15.	_____ type of Audit is also termed as Inspection
Option A:	Quality Audit
Option B:	Risk Audit
Option C:	Normal Audit
Option D:	Procurement Audit
16.	_____ is developed to establish a common understanding of project scope.
Option A:	Work Based Schedule
Option B:	Work Based Specifications
Option C:	Work Breakdown Specifications
Option D:	Work Breakdown Structure
17.	Budgeted cost for work performed (BCWP) or earned value is
Option A:	Perceived Value
Option B:	Planned Value
Option C:	Earned Value
Option D:	Derived Value
18.	Schedule Performance Index is ratio of _____
Option A:	Earned Value / Planned Value
Option B:	Earned Value / Actual Cost
Option C:	Planned Value / Derived Value
Option D:	Spend Value / Earned Value
19.	Project Life cycle is plotted on 2 dimensional matrix. The dimensions are
Option A:	Time Line v/s Budget
Option B:	Time Line v/s Efforts
Option C:	Efforts v/s Budget
Option D:	Perceived Value v/s Efforts
20.	Underestimation of the Project Costs result into
Option A:	Project Failure
Option B:	Interest Failure
Option C:	Investment Failure
Option D:	Extra Loan arrangement

### Subjective Questions

1	Differentiate between the Functional, Pure Project and Matrix organizations.													
2	What are the knowledge areas and process groups in Project Management as per PMI?													
3	What are the numeric and non numeric models of project selection.?													
4	What are the contents of a Project Charter? Who prepares and authorizes the Project Charter?													
5	Explain Probability and impact matrix. What are the risk response strategies for negative risks(threats) and positive risks(opportunities)?													
6														
7														
8	Consider a project comprising of 9 activities with following precedence relationships and durations.													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Activity</td> <td style="width: 5%;">A</td> <td style="width: 5%;">B</td> <td style="width: 5%;">C</td> <td style="width: 5%;">D</td> <td style="width: 5%;">E</td> <td style="width: 5%;">F</td> <td style="width: 5%;">G</td> <td style="width: 5%;">H</td> <td style="width: 5%;">I</td> <td style="width: 5%;">J</td> <td style="width: 5%;">K</td> <td style="width: 5%;">L</td> </tr> </table>	Activity	A	B	C	D	E	F	G	H	I	J	K	L
Activity	A	B	C	D	E	F	G	H	I	J	K	L		

	Immediate predecessor	-	-	A	A	A	D	C	D	E, F	B, I	G, H	J, K
	Duration in weeks	4	8	2	4	9	1	7	3	2	2	5	4
	Draw the network and find the critical path. (05)												
	List the total float, free float and independent float for all the activities. (05)												
9	What is a contract? What does it include? What are centralized and decentralized contracts? Explain their advantages and disadvantages.												
10	List and briefly describe the ways projects may be terminated. What are some non technical reasons for project termination?												
11	Compare the top down budgeting and bottoms up budgeting.												
12	What are the functions of risk register?												
13	Differentiate between projects and operations.												
14	Describe different types of project terminations.												
15	What is critical path method?												
16	Explain the concept of triple constraints.												
17	Explain the role of project sponsor.												
18	Describe the use of Gantt chart with the help of example.												
19	Explain various types of non-numeric models.												
20	Write short note on a) Project Auditing. b) Phases of project life cycle.												
21	Explain Goldratt's Critical Chain Method.												
22	Write a role on project procurement management; explain the purpose and steps involved for the same.												
23	Define Probability and Impact Matrix. Explain briefly.												