

**University of Mumbai**  
**Examination 2020 under cluster 4 (PCE)**

Program: BE Mechanical Engineering

Curriculum Scheme: Rev2012

Examination: Fourth Year Semester VIII

Course Code: MEE8023 and Course Name: Project Management

Time: 1 hour

Max. Marks: 50

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

Q1.	Slow start, quick execution and slow finish are characteristics of
Option A:	Product life cycle
Option B:	Typical project life cycle
Option C:	Atypical project life cycle
Option D:	Biological life cycle
Q2.	Which of the following activities is not considered a project?
Option A:	Developing a new software program
Option B:	Designing a space station
Option C:	Production of automobile tires
Option D:	Developing a new advertising program
Q3.	Which numeric model of project selection ignores time value of money and considers only the cash flows of initial few years.
Option A:	Net Present Value
Option B:	Profitability Index
Option C:	Simple Payback Period
Option D:	Internal Rate of Return
Q4.	The factor that reflects the cost of capital employed in the project while evaluating the present value of the expected future cash flow is
Option A:	Life of Project
Option B:	Discount Rate
Option C:	Capital Cost
Option D:	Internal rate of return
Q5.	Developing project management methodology, best practices and standards, project policies, procedures and templates are functions of
Option A:	Top Management
Option B:	Project Manager
Option C:	Project Management office
Option D:	Project sponsor
Q6.	An activity considered for PERT scheduling has estimated durations are optimistic 4 days, pessimistic 14 days, and most likely 7 days. What is the expected time duration for this activity?
Option A:	7.66 days
Option B:	9 days
Option C:	8.5 days

**University of Mumbai**  
**Examination 2020 under cluster 4 (PCE)**

Option D:	6.5 days
Q7.	Stakeholder can influence in the matters of project during
Option A:	Anytime during the project
Option B:	Initial phase of project
Option C:	Final phase of project
Option D:	Cannot influence the project
Q8.	Recently a project team has exhibited a high degree of conflict over who will control the group and how decisions will be made. Which stage of development is the team in?
Option A:	Norming
Option B:	Adjourning
Option C:	Performing
Option D:	Storming
Q9.	Which type of budget leads to low level competition for larger shares of budget
Option A:	Top down budgeting
Option B:	Bottoms up budgeting
Option C:	Negotiated budget
Option D:	Client's budget
Q10.	The section of the final project report that new project teams are likely to find most useful is the:
Option A:	Analysis
Option B:	Recommendations
Option C:	Classification of project
Option D:	Lessons learned
Q11.	Project to install fire detection and alarm system in diesel tank farm is example of which strategic considerations
Option A:	Market demands
Option B:	Customer requests
Option C:	Technological Advances
Option D:	Legal Requirements
Q12.	Simple payback period for an energy efficient motor that costs Rs. 1.5 lakh to purchase and install and is expected to save Rs. 0.75 lakh per annum is:
Option A:	1.1 years
Option B:	0.75 years
Option C:	2 years
Option D:	2.25 years
Q13.	Which activity in the network diagram has no duration and uses no resources?
Option A:	Dummy
Option B:	Milestone
Option C:	Intermediate
Option D:	End

**University of Mumbai**  
**Examination 2020 under cluster 4 (PCE)**

Q14.	The information gathered throughout the project (and again at the end of the project) that documents the successes and failures of the project and is used to benefit the current as well as the future projects. This is information compiled in
Option A:	Project audit report
Option B:	Lessons learned report
Option C:	Closure report
Option D:	Project handover report to client
Q15.	The process of cutting the budget of a project is enough to stop progress without actually killing the project is
Option A:	Termination by extinction
Option B:	Termination by addition
Option C:	Termination by starvation
Option D:	Termination by integration
Q16.	A consulting project has an Actual cost of Rs.35,000/-, Scheduled cost of 27,000/- and Value of completed work is 30,000/- The schedule variance is ....
Option A:	4000
Option B:	3000
Option C:	5000
Option D:	8000
Q17.	If Planned value (PV) of a project is higher than Earned value (EV) then the project is running
Option A:	Ahead of schedule
Option B:	Within the budget
Option C:	Behind the schedule
Option D:	Over the budget
Q18.	Out of the following entities one is not a stakeholder in project, identify the one
Option A:	Customers
Option B:	Neighbours affected by project work
Option C:	Vendors
Option D:	Competitors
Q19.	The shortest possible time an activity can be completed realistically is called .....time.
Option A:	Expedited
Option B:	Accelerated
Option C:	Crash
Option D:	Optimal
Q20.	Dealing with obstacles, Making project goal trade-offs, Breadth of communication and Negotiation are some of the key result areas for
Option A:	Project Sponsor
Option B:	Project Manager
Option C:	Program co-ordinator

**University of Mumbai**  
**Examination 2020 under cluster 4 (PCE)**

Option D:	Contract administration
Q21.	When a project is subdivided into hierarchical units of tasks, subtasks, work packages, etc., it is called as....
Option A:	Work Breakdown Structure
Option B:	linear responsibility chart
Option C:	concurrent engineering
Option D:	Networking and Scheduling techniques
Q22.	Which of these is a valid response to a negative risks?
Option A:	Exploit
Option B:	Mitigate
Option C:	Enhance
Option D:	Share
Q23.	The cost baseline for project represents which of the following
Option A:	Planned Value (PV)
Option B:	Earned Value (EV)
Option C:	BAC (Budgeted at completion)
Option D:	EAC (Estimated at completion)
Q24.	An activity on the CPM network has Early start on 8th day, Early Finish is 15th day, Late start is 13th day and Late finish is 20th day. What is the float available for this activity?
Option A:	7 days
Option B:	12 days
Option C:	2 days
Option D:	5 days
Q25.	The risk management tool that is divided into three color-coded zones representing major, moderate, and minor risks is the risk.....
Option A:	Responsibility matrix
Option B:	Scenario assessment
Option C:	Impact assessment
Option D:	Probability & Impact matrix

**University of Mumbai**  
**Examination 2020 under cluster 4 (PCE)**

Program: BE Mechanical Engineering

Curriculum Scheme: Rev2012

Examination: Fourth Year Semester VIII

Course Code: MEE8023 and Course Name: Project Management

Time: 1 hour

Max. Marks: 50

---

<b>Question</b>	<b>Correct Option (Enter either 'A' or 'B' or 'C' or 'D')</b>
Q1.	B
Q2.	C
Q3.	C
Q4	B
Q5	C
Q6	A
Q7	B
Q8.	D
Q9.	A
Q10.	D
Q11.	D
Q12.	C
Q13.	A
Q14.	B
Q15.	C
Q16.	B
Q17.	C
Q18.	D
Q19.	C
Q20.	B
Q21.	A
Q22.	B
Q23.	A
Q24.	D
Q25.	D