



Name:	
Enrolment No:	

UPES
End Semester Examination, May 2024

Course: Project Management Program: BBA DB Course Code: LSCM 3001	Semester: VI Time : 03 hrs. Max. Marks: 100
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Instructions:

SECTION A
10Qx2M=20Marks

S. No.		Marks	CO
Q 1	Explain Project Cost Management (PCM).	2	CO1
Q 2	What is the triple constraint triangle in project management?	2	CO1
Q 3	What is Variance at Completion (VAC)?	2	CO1
Q 4	What is a fixed-price contract?	2	CO1
Q 5	Define “NPV”.	2	CO1
Q 6	A project is anything which is _____ a) not implicitly expressed. b) implicitly expressed. c) not a physical objective d) social acceptability	2	CO1
Q 7	Decode “BOSCARD”.	2	CO1
Q 8	Differentiate between BCWP and BCWS.	2	CO1
Q 9	Explain the term “Acceptance Criteria”.	2	CO1
Q 10	Which of the following is NOT the facet of Project Analysis? a) Fundamental Analysis b) Financial Analysis c) Market Analysis d) Technical Analysis	2	CO1

SECTION B
4Qx5M= 20 Marks

Q 11	Identify major components of a project management plan.	5	CO2
Q 12	Illustrate major types of risks that may be encountered in a project.	5	CO2
Q 13	Examine the principle of Work Breakdown Structure (WBS).	5	CO2

Q 14	Examine the phases of a project life cycle.	5	CO2
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SECTION-C
3Qx10M=30 Marks

Q 15	Analyze any three project management methodologies with relevant examples.	10	CO3
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Q 16	Imagine you are working as a project manager for a construction company. Analyze how you would manage and motivate underperforming team members.	10	CO3
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Q 17	Analyze how you will avoid gold plating in a project. OR Suppose the project you are heading has gone off the rails. Analyze the steps you will take to bring it back on track.	10	CO3
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SECTION-D
2Qx15M= 30 Marks

Q 18	Given the project within the table below, calculate the following: <table border="1" data-bbox="227 798 803 1144"> <thead> <tr> <th>Activity</th> <th>Duration (hours)</th> <th>Immediate Predecessors</th> </tr> </thead> <tbody> <tr><td>A</td><td>4</td><td>None</td></tr> <tr><td>B</td><td>3</td><td>None</td></tr> <tr><td>C</td><td>10</td><td>None</td></tr> <tr><td>D</td><td>7</td><td>B,C</td></tr> <tr><td>E</td><td>1</td><td>D</td></tr> <tr><td>F</td><td>1</td><td>E</td></tr> <tr><td>G</td><td>5</td><td>A,F</td></tr> </tbody> </table> <p>a) The critical path b) The minimum project duration c) The amount of slack for each activity</p>	Activity	Duration (hours)	Immediate Predecessors	A	4	None	B	3	None	C	10	None	D	7	B,C	E	1	D	F	1	E	G	5	A,F	15	CO4
Activity	Duration (hours)	Immediate Predecessors																									
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E	1	D																									
F	1	E																									
G	5	A,F																									

Q 19	A project consists of 12 activities whose precedence relationships and their time estimates are shown as follows: <table border="1" data-bbox="227 1428 1177 1732"> <thead> <tr> <th>ACTIVITY</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> <th>G</th> <th>H</th> <th>I</th> <th>J</th> <th>K</th> <th>L</th> </tr> </thead> <tbody> <tr> <td>Immediate Predecessor(s)</td> <td>-</td> <td>-</td> <td>-</td> <td>A</td> <td>A</td> <td>B,E</td> <td>C</td> <td>C</td> <td>D</td> <td>F,G</td> <td>H</td> <td>K</td> </tr> <tr> <td rowspan="3">Time Estimates</td> <td>Optimistic (a)</td> <td>4</td> <td>2</td> <td>5</td> <td>8</td> <td>4</td> <td>5</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>2</td> <td>4</td> </tr> <tr> <td>Most likely (m)</td> <td>6</td> <td>3</td> <td>5</td> <td>10</td> <td>5</td> <td>6</td> <td>8</td> <td>8</td> <td>7</td> <td>10</td> <td>3</td> <td>5</td> </tr> <tr> <td>Pessimistic (b)</td> <td>8</td> <td>4</td> <td>5</td> <td>12</td> <td>6</td> <td>7</td> <td>11</td> <td>10</td> <td>13</td> <td>12</td> <td>4</td> <td>6</td> </tr> </tbody> </table> <p>a) Find the duration and variance of each activity. b) Draw the project network.</p>	ACTIVITY	A	B	C	D	E	F	G	H	I	J	K	L	Immediate Predecessor(s)	-	-	-	A	A	B,E	C	C	D	F,G	H	K	Time Estimates	Optimistic (a)	4	2	5	8	4	5	5	6	7	8	2	4	Most likely (m)	6	3	5	10	5	6	8	8	7	10	3	5	Pessimistic (b)	8	4	5	12	6	7	11	10	13	12	4	6	15	CO4
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	c) Find the critical path & corresponding expected project completion time.		
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