

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

Make-up Examination-14 Nov-2025

COURSE CODE (CREDITS): 18B11HS511 (3)

MAX. MARKS: 25

COURSE NAME: Project Management and Entrepreneurship

COURSE INSTRUCTORS: Anupriya kaur and Tanu Sharma

MAX. TIME: 1 Hour 30 Minutes

Note: Note: (a) All questions are compulsory.

(b) The candidate is allowed to make Suitable numeric assumptions wherever required for solving problems. Calculators allowed

Q.No	Question	CO	Marks																																																		
Q1	Draw an AOA network, identify critical path and calculate EOT, LOT of events. Which period should a PM commit to be 85% sure . <table><tr><td></td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td><td>G</td><td>H</td><td>I</td></tr><tr><td>precedence</td><td>.....</td><td>A</td><td>A</td><td>B</td><td>B</td><td>C</td><td>E</td><td>D,F</td><td>G,H</td></tr><tr><td>a</td><td>4</td><td>5</td><td>4</td><td>15</td><td>10</td><td>8</td><td>4</td><td>1</td><td>6</td></tr><tr><td>m</td><td>6</td><td>7</td><td>8</td><td>20</td><td>18</td><td>9</td><td>8</td><td>2</td><td>7</td></tr><tr><td>b</td><td>8</td><td>15</td><td>12</td><td>25</td><td>26</td><td>16</td><td>12</td><td>3</td><td>8</td></tr></table>		A	B	C	D	E	F	G	H	I	precedence		A	A	B	B	C	E	D,F	G,H	a	4	5	4	15	10	8	4	1	6	m	6	7	8	20	18	9	8	2	7	b	8	15	12	25	26	16	12	3	8	CO4	8
	A	B	C	D	E	F	G	H	I																																												
precedence		A	A	B	B	C	E	D,F	G,H																																												
a	4	5	4	15	10	8	4	1	6																																												
m	6	7	8	20	18	9	8	2	7																																												
b	8	15	12	25	26	16	12	3	8																																												
Q2	Explain the concept of system integration wrt project planning	CO1	3																																																		
Q3	1. Write short notes a. Competitive Necessity b. Top Down budgeting c. Trend projection wrt project control d. Linear Responsibility chart e. Termination by integration	CO2&3	10																																																		
Q4	Explain the various factors which pushes the project managers to initiate the process of project control? Also discuss the characteristics of a good control system?	CO3	4																																																		

	0	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0	0	0.004	0.008	0.012	0.016	0.0199	0.0239	0.0279	0.0319	0.0359
0.1	0.0398	0.0438	0.0478	0.0517	0.0557	0.0596	0.0636	0.0675	0.0714	0.0753
0.2	0.0793	0.0832	0.0871	0.091	0.0948	0.0987	0.1026	0.1064	0.1103	0.1141
0.3	0.1179	0.1217	0.1255	0.1293	0.1331	0.1368	0.1406	0.1443	0.148	0.1517
0.4	0.1554	0.1591	0.1628	0.1664	0.17	0.1736	0.1772	0.1808	0.1844	0.1879
0.5	0.1915	0.195	0.1985	0.2019	0.2054	0.2088	0.2123	0.2157	0.219	0.2224
0.6	0.2257	0.2291	0.2324	0.2357	0.2389	0.2422	0.2454	0.2486	0.2517	0.2549
0.7	0.258	0.2611	0.2642	0.2673	0.2704	0.2734	0.2764	0.2794	0.2823	0.2852
0.8	0.2881	0.291	0.2939	0.2967	0.2995	0.3023	0.3051	0.3078	0.3106	0.3133
0.9	0.3159	0.3186	0.3212	0.3238	0.3264	0.3289	0.3315	0.334	0.3365	0.3389
1	0.3413	0.3438	0.3461	0.3485	0.3508	0.3531	0.3554	0.3577	0.3599	0.3621
1.1	0.3643	0.3665	0.3686	0.3708	0.3729	0.3749	0.377	0.379	0.381	0.383
1.2	0.3849	0.3869	0.3888	0.3907	0.3925	0.3944	0.3962	0.398	0.3997	0.4015
1.3	0.4032	0.4049	0.4066	0.4082	0.4099	0.4115	0.4131	0.4147	0.4162	0.4177
1.4	0.4192	0.4207	0.4222	0.4236	0.4251	0.4265	0.4279	0.4292	0.4306	0.4319
1.5	0.4332	0.4345	0.4357	0.437	0.4382	0.4394	0.4406	0.4418	0.4429	0.4441
1.6	0.4452	0.4463	0.4474	0.4484	0.4495	0.4505	0.4515	0.4525	0.4535	0.4545
1.7	0.4554	0.4564	0.4573	0.4582	0.4591	0.4599	0.4608	0.4616	0.4625	0.4633
1.8	0.4641	0.4649	0.4656	0.4664	0.4671	0.4678	0.4686	0.4693	0.4699	0.4706
1.9	0.4713	0.4719	0.4726	0.4732	0.4738	0.4744	0.475	0.4756	0.4761	0.4767
2	0.4772	0.4778	0.4783	0.4788	0.4793	0.4798	0.4803	0.4808	0.4812	0.4817
2.1	0.4821	0.4826	0.483	0.4834	0.4838	0.4842	0.4846	0.485	0.4854	0.4857
2.2	0.4861	0.4864	0.4868	0.4871	0.4875	0.4878	0.4881	0.4884	0.4887	0.489
2.3	0.4893	0.4896	0.4898	0.4901	0.4904	0.4906	0.4909	0.4911	0.4913	0.4916
2.4	0.4918	0.492	0.4922	0.4925	0.4927	0.4929	0.4931	0.4932	0.4934	0.4936
2.5	0.4938	0.494	0.4941	0.4943	0.4945	0.4946	0.4948	0.4949	0.4951	0.4952
2.6	0.4953	0.4955	0.4956	0.4957	0.4959	0.496	0.4961	0.4962	0.4963	0.4964
2.7	0.4965	0.4966	0.4967	0.4968	0.4969	0.497	0.4971	0.4972	0.4973	0.4974
2.8	0.4974	0.4975	0.4976	0.4977	0.4977	0.4978	0.4979	0.4979	0.498	0.4981
2.9	0.4981	0.4982	0.4982	0.4983	0.4984	0.4984	0.4985	0.4985	0.4986	0.4986
3	0.4987	0.4987	0.4987	0.4988	0.4988	0.4989	0.4989	0.4989	0.499	0.499