

Code No: 741AG**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MBA I Semester Examinations, May - 2022****PROJECT MANAGEMENT****Time: 3 Hours****Max.Marks:75**

Answer any five questions
All questions carry equal marks

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- 1.a) When is project management clearly not appropriate? List some “project-type” activities where you think project management should not be used.
- b) Describe organizations or kinds of work where both project and non-project types of management are appropriate. [8+7]
- 2.a) List the main characteristics of “projects”. How do these features distinguish projects from other, non-project activities?
- b) Describe the basic elements of a project life cycle. Why is an understanding of the lifecycle relevant for our understanding of projects? [8+7]
- 3.a) What is a work breakdown structure, and how is it useful for project planning?
- b) What factors make a project high risk? [8+7]
- 4.a) Describe each of the following sources of technical risk: maturity, complexity, quality, and concurrency or dependency.
- b) Create a risk matrix for this project: [8+7]

Event	Cost	Probability
Equipment breakdown	40	0.20
Vendor is late with key segment	200	0.60
Subcontractor has labor issues	140	0.30
Weather problems	15	Unknown
Funding delays	50	0.40 to 0.60
Testing delays	20	0.40

- 5.a) How were overhead costs determined? What basis was used for establishing overhead cost rates?
- b) Calculate the direct cost of labor for the project team using the following data. What is the overall direct cost of labor? [6+9]

Labor Name	Hours Needed	Overhead charge	Personal Time Rate	Hourly Rate
A	40	1.35	1.12	\$17/hr.
B	100	1.80	1.12	\$31/hr.
C	80	1.35	0	\$9/hr.
D	65	1.80	1.12	\$34/hr.

- 6.a) How do financial institutions define cash outflows and inflows for a project?
- b) How much should be deposited at the beginning of each year for 10 years in order to provide a sum of Rs. 50,000 at the end of 10 years? [7+8]

- 7.a) What quality control methods are prevalent in project management? Explain how TQM is important in project management?
- b) Construct a network activity diagram based on the following information: [6+9]

Activity	Preceding activities
A	-
B	-
C	A
D	B,C
E	B
F	C,D
G	E
H	F
I	G,h

- 8.a) What are the sources of conflict between parties in the project organization?
- b) Describe four ways of dealing with conflict. [7+8]

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