LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

U.G. DEGREE EXAMINATION – **ALLIED OPTIONAL**

FOURTH SEMESTER – **APRIL 2022**

UBU 4401 – INTRODUCTION TO PROJECT MANAGEMENT

Date: 27-06-2022 Dept. No. Max. : 100 Marks

Time: 09:00 AM - 12:00 NOON

PART – A

Q. No Answer ALL questions **(10 x 2 = 20 Marks)**

1. List the roles of a project manager.
2. What are the four stages in a project life cycle?
3. What are the objectives of "Social Cost Benefit Analysis"?
4. Define "Tax Incentives"
5. Write a short note on "Detailed Project Report".
6. What are the advantages of network-based scheduling techniques?
7. Define the term "Tender".
8. What are the objectives of post audit?
9. What are the undesirable effects of industrial sickness?
10. What do you mean by guarantee?

PART – B

Answer any FOUR questions **(4 x 10 = 40 Marks)**

11. "Project as a conversion process"- Explain with suitable examples.
12. Explain the importance of SWOT analysis in project appraisal.
13. Explain in detail the zero-based project formulation.
14. Explain the merits and demerits of debentures as a source of project finance.
15. Explain technical, financial, and economic evaluations regarding post audit of projects.
16. Matrix organisation is suited for enterprises that are "Project-Driven"-Explain.
17. Explain the role of E-commerce in bringing out the successful Project.

PART – C

Answer any TWO questions **(2 x 20 = 40 Marks)**

18. Explain the policies and regulatory measures through which the government regulates the pattern of resource allocation.

19. Explain the different types of risks that a project may have to face.

20. Elucidate the different sources from which new project ideas can be formed.

21. A project consists of 10 activities. The immediate predecessors and time estimates are shown in Table.

Activity	Predecessor(s)	Duration (Weeks)		
		Optimistic	Most Likely	Pessimistic
A	____	5	6	7
B	____	1	3	5
C	____	1	4	7
D	A	1	2	3
E	B	1	2	9
F	C	1	5	9
G	C	2	2	8
H	E, F	4	4	10
I	D	2	5	8
J	H, G	2	2	8

(a) Construct the project network.

(b) Find the expected duration and variance of each activity.

(c) Find the critical path and expected project completion time.

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