II Semester Diploma Examination, Nov/Dec 2024

PROJECT MANAGEMENT SKILLS

TIME: **3 HOURS**   MAX MARKS: **100**

Note:
i)   Answer any SIX questions from Section - 1. Each question carries 5 marks.
ii) Answer any SEVEN full questions from Section- 2. Each question carries 10 marks.

SECTION - I

1. List any five features of a Project.   5
2. Explain any two types of Project teams.   5
3. Mention any five pre-requisites for successful implementation of a Project.   5
4. List the different types of risks.   5
5. Explain Cost overrun of a Project.   5
6. Explain SMART tool for setting Goals and Objectives.   5
7. List the tools used in Project Planning.   5
8. Write any five objectives of Project Review.   5
9. List any five applications of AR and VR.   5

SECTION-II

10. a. List the types of Projects. Explain any one type.   5
    b. Explain the role of a Project Manager.   5

11. a. Explain the concept of Project Design in a Project.   5
    b. List the advantages of Project Diary.   5

12. a. Construct a Work Breakdown Structure for organizing the College Day at your college.   5
    b. Explain Project Execution Plan (PEP) and mention the four sub-plans included in PEP.   5

13. List and explain phases of Project Life cycle.   10

14. a. A software development project was estimated to complete in a duration of 20 months. However, it took 24 months to complete the project. Analyze the reasons for delay in completion of the project.   5
    b. List the steps in Project Planning.   5

15. a. Describe the functions of Project Planning.   5
    b. What are the challenges in Monitoring and Evaluating?   5

16. a. Mention the importance of Project Evaluation.   5
    b. Differentiate between PERT and CPM.   5

17. a. Develop a Gantt Chart for the following   5

Activity	Start (in months)	Duration (in months)
J-1 Market survey	0	5
J-2 Planning	4	4
J-3 Design	6	3
J-4 Development	7	6
J-5 Testing	12	3

    b. Write any five functions of a Project Auditor.   5

18. Construct the network diagram and identify the Critical Path.   10

Activity	1-2	1-3	2-3	2-4	3-4	4-5
Duration (in Days)	20	25	10	12	6	10

19. a. Differentiate between AR and VR.   5
    b. Analyze the applications of IoT.   5

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