QP-Code : 20PM01T

Makeup Examination – Sept. 2023
II Semester Diploma Examination

PROJECT MANAGEMENT SKILLS (20PM01T)

Exam Date / Time: 21st Sep. 2023 / 2.00 PM

Time: 3 Hours   **Max.Marks: 100**

Instructions: (1)   Answer **one** full question from each section.

(2)   One full question carries **20** marks.

SECTION – I

1). (a)	Define project and mention any 4 projects you see in daily life.	6
(b)	Explain the role of project manager.	4
(c)	Define IOT	3
(d)	Discuss the applications of IOT in project management.	7
2). (a)	List the features of a project.	5
(b)	Describe the project management process.	5
(c)	Discuss the application of Augmented reality and Virtual reality.	5
(d)	Differentiate Augmented reality and Virtual reality.	5

SECTION – II

3. a)	List the Tools used for effective project administration. Explain any one	7
b)	Construct a Work Breakdown Structure of Cultural and Sports Day Event of your Institution	7
c)	Examine the importance of the following in Project administration: i) Project Dairy ii) Project Coordination	6
4. a)	List the types of Project team. Explain any one	7
b)	Explain the steps involved in Project Direction	7
c)	Examine the importance of the following in Project administration: i) Project Execution Plan ii) Project Procedure Manual	6

SECTION – III

5. a)	Explain Simulation analysis with example	5
b)	What do you mean by Risk? State any 3 types of risks	5
c)	Discuss the phases of Project Life Cycle management	5
d)	An IT Park establishment project was planned with estimated time duration of 18 months. However, the project took 22 months for its completion. Analyse the possible reasons for the delay in completion of project	5

6. a) Explain Project Execution phase of PLC   5
   b) List any two Risk Assessment Techniques. Explain any one   5
   c) Write a short note i) Quality plan and ii) Acceptance Plan   5
   d) An office complex construction was planned with an estimated budget of 65 crores.
      However, after the completion of the project, it was found that the total cost of the
      project was 80 crores. Examine the possible reason for the increase in cost of the project   5

SECTION – IV

7. a) State any four functions of Project planning.   5
   b) List the reasons for project evaluation.   5
   c) Analyze the importance of project objectives and policies.   5
   d) Describe the application of Gantt chart for project planning.   5

8. a) List any five time monitoring efforts.   5
   b) t_o (optimistic time), t_m (most likely time) and t_p (pessimistic time) for completing
      a project is as tabulated below. Calculate expected time for each activity.   5

ACTIVITY	t_o	t_m	t_p
1-2	9	12	21
1-3	6	12	18
2-4	1	1.5	5
3-4	4	8.5	10
4-5	10	14	24

   c) Analyze "SMART" tool for setting goals and objectives.   5
   d) Describe the situation analysis and mention any six techniques to collect the
      information to conduct situation analysis.   5

SECTION – V

9. a) List any five purposes of project control.   5
   b) Analyze functions of project auditor.   5
   c) Explain any five applications of Critical Path Method in project management.   5
   d) Analyse the steps in project audit program.   5

10. a) List any five uses of network techniques.   5
    b) Discuss the objectives of project audit.   5
    c) Explain any five applications of Program Evaluation and Review Technique in project
       management.   5
    d) Discuss any five reasons for initial review in a project.   5