



K. K. Wagh Institute of Engineering Education & Research, Nashik
(An Autonomous Institute From A.Y. 2022-23)

	InSem Examination-IWinter 2023		
	Exam Seat No.:		
	Academic Year:2023-2024	Semester:III	
	Name of Programme:B.Tech	Pattern:2022	
	Name of Course:Project Management	Course Code:CIV222005	
	Max. Marks:30	Duration:1	

Instructions: Candidates should read carefully the instructions printed on the Question Paper and on the cover page of the Answer Book, which is provided for their use.

1. This question paper contains ____page(s).
2. Answer to each new question is to be started on a new page.
3. Assume suitable data wherever required, but justify it.
4. Draw the neat labelled diagrams, wherever necessary.
5. The last columns indicates the Course Outcome and level of Blooms Taxonomy of the Question/sub-question

Question No. 1 Attempt following Question

- a) Define Project Management & Explain need of Project Management. (5) CO1

OR

- b) State the Project Stage Gate Process & Describe its primary purpose in project management. (5) CO1
- c) Explain with neat sketch the concept of a project life cycle. (5) CO1

OR

- d) Discuss the concept of project conflicts. What are the common sources of conflicts in project management? (5) CO1
- e) Define project initiation. & Describe its importance in project management. (5) CO1

OR

- f) List the various types of Organizational Structures and Explain functional organization structure in project management. (5) CO1

Question No. 2 Attempt following Question

- a) Define the term 'feasibility study' in project formulation. What are the main components typically assessed in a feasibility study? (5) CO2

OR

- b) Describe with neat sketch the concept of the "Iron Triangle" in project management. (5) CO2
- c) Determine the Payback Period for a project which requires a cash outlay of Rs. 12,000/- and generate cash inflows of Rs. 2,000/-, Rs. 4,000/-, Rs. 4,000/- and Rs. 5,000/- in the 1st, 2nd, 3rd and 4th year respectively. (5) CO2

OR

- d) State whether the project is feasible or not using NPV method, if project cost Rs.2,00,000/- has cash flow of Rs. 30,000/- for a period 5 years. Company expects return at 12% per annum. (5) CO2

- e) Determine IRR for the project with following details:

1. Duration of project- 5 years
 2. Initial Investment- Rs. 10,000/-
 3. Periodic Return- Rs. 5,000/- per year
- (5) CO2

OR

- f) The following are the details of a project A & B. Suggest which one is to be accepted by using 1) NPV 2) BCR (i=8%) (5) CO2

Years	Project A (Rs.)	Project B (Rs.)
0	4,00,000	4,50,000
1	1,20,000	1,40,000
2	1,25,000	1,45,000
3	78,000	76,000
4	80,000	65,000
5	75,000	60,000
6	-	90,000

