



DEPARTMENT OF CIVIL ENGINEERING

IV B. Tech, I Semester, Academic Year:2024-25

CONSTRUCTION TECHNOLOGY AND PROJECT MANAGEMENT

QUESTION BANK:

UNIT-1 (SHORT QUESTIONS)

1. WHAT IS MANAGEMENT
2. EXPLAIN ABOUT PLANNING
3. WHAT IS STAFFING
4. EXPLAIN THE MERITS & DEMERITS OF LINE ORGANISATION
5. WHAT IS PRE PLANNING

LONG QUESTIONS

1. WHAT IS MANAGEMENT & IMPORTANCE OF MANAGEMENT
2. ROLE OF THE MANAGEMENT
3. EXPLAIN THE MANAGEMENT THEORIES
4. WHAT ARE THE SOCIAL RESPONSIBILITIES
5. BRIEF THE PLANNING & STRATEGIC MANAGEMENT
6. EXPLAIN THE DECISION MAKING & TOOLS TECHNIQUES
7. WHAT IS ORGANISATION & ITS TYPES
8. EXPLAIN THE LEADERSHIP

UNIT-2 (SHORT QUESTIONS)

1. WHAT IS PROJECT
2. WHAT IS THE SPECIAL PURPOSE OF PROJECT
3. EXPLAIN THE RESOURCES OF CONSTRUCTION INDUSTRY
4. DETAIL OF BAR CHARTS

LONG QUESTIONS

1. PROJECT & CLASSIFICATION OF CONSTRUCTION PROJECTS
2. STAGES IN CONSTRUCTION
3. FUNCTIONS OF CONSTRUCTION MANAGEMENT
4. CONSTRUCTION PLANNING
5. DIFFERENCE BETWEEN CTM & PERT

UNIT-3 (SHORT QUESTIONS)

1. EXPLAIN THE RESOURCES
2. WHAT IS FINANCIAL SCHEDULE
3. BRIEF OF PLANNING OF LABOUR
4. EXPLAIN THE SCHEDULING & METHODS
5. WHAT ARE THE PARAMETERS THAT MONITOR PROJECT COST BUDGET

LONG QUESTIONS

1. RESOURCE PLANNING & NEAT FLOW DIAGRAM OF RESOURCE PLANNING
2. PLANNING OF CONSTRUCTION EQUIPMENT
3. EXPLAIN THE WORK BREAKDOWN STRUCTURE
4. EXPLAIN FLOAT
5. WHAT IS BUDGET CONTROL & OBJECTIVES

UNIT-4 (SHORT QUESTIONS)

1. WHAT IS A CONTRACT
2. EXPLAIN THE CONTRACT SPECIFICATIONS
3. WHAT IS PRICE ESCALATION
4. EXPLAIN THE TENDER & TYPES
5. WHAT IS ARBITRATION
6. EXPLAIN THE PURCHASE ORDER

LONG QUESTIONS

1. EXPLAIN THE CONTRACTS & TYPES OF CONTRACT
2. WHAT IS CONTRACT DOCUMENT
3. EXPLAIN THE IMPORTANT CONDITIONS OF CONTRACT
4. WHAT IS MEASUREMENT BOOK
5. BRIEF OF STORES MANAGEMENT

UNIT-5 (SHORT QUESTIONS)

1. WHAT IS MANGEMENT INFORMATION SYSTEM
2. EXPLAIN THE OUTLINES OF MIS
3. WHAT IS PAYMENT OF WAGES ACT
4. EXPLAIN THE WELFARE LEGISLATION
5. WHAT IS LABOUR LEGISLATION

LONG QUESTIONS

1. WHAT IS STATUS OF CONSTRUCTION LABOUR
2. EXPLAIN THE REQUIREMENTS OF MIS
3. PAYMENT OF WAGES
4. WHAT IS SOCIAL SECURITY
5. DIFFERENT TYPES OF LABOUR LAWS
6. WHAT IS CONSTRUCTION INDUSTRY & SAFETY
7. EXPLAIN THE VARIOUS HAZARDS ASSOCIATED WITH CONSTRUCTION