

THE KAVERY ENGINEERING COLLEGE*(An Autonomous Institution)***M.E DEGREE END SEMESTER THEORY EXAMINATIONS, APRIL-MAY 2025****Second Semester****Construction Engineering and Management****CN4005/ PCNE2407- Project Safety Management****Regulations – 2021/2024****Duration : 3 Hrs****Maximum : 100 Marks****PART – A (ANSWER ALL QUESTIONS) (Marks 10*2=20)**

Q.No	Questions	BLT	CO	Marks
1.	List common construction injuries.	L1	1	2
2.	Recall the causes of accidents in construction.	L1	1	2
3.	Clarify the purpose of a job site safety assessment.	L2	2	2
4.	State the principles of safety management.	L1	2	2
5.	Mention the importance of addressing substance abuse on construction sites.	L1	3	2
6.	What is meant by safety record keeping?	L1	3	2
7.	Why is workers compensation important in the context of construction safety?	L1	4	2
8.	Define the term safety culture.	L1	4	2
9.	Categorize the role of designer in ensuring safety.	L2	5	2
10.	Outline the safety clause in design document.	L1	5	2

PART – B (ANSWER ALL QUESTIONS) (Marks 5*16 = 80)

Q.No	Questions	BLT	CO	Marks
11.	a Describe how accidents occur on construction sites and their impact.	L2	1	16
	Or			
	b Discuss the steps in occupational risk assessment with suitable examples.	L2	1	16
12.	a Explain the following in detail:	L2	2	16
	i. Safety meetings			
	ii. Safety incentives			
	Or			
	b Enumerate the safety incentive programs and explain its effectiveness in detail.	L2	2	16
13.	a Demonstrate the reasons a workplace looks at problematic substance use issues.	L2	3	16
	Or			
	b Explain about the contract safety requirements in construction.	L2	3	16

14.	a	Demonstrate the merits and demerits of project coordination and safety procedures.	L2	4	16
		Or			
	b	Describe the responsibilities of engineers, individuals and managers to ensure safety in projects.	L2	4	16
15.	a	Explain in detail about the different responsibilities of owners and designers in ensuring construction site safety.	L2	5	16
		Or			
	b	Determine the importance of owner's preparedness in detail.	L2	5	16