



ADAMAS UNIVERSITY
END SEMESTER EXAMINATION
 (Academic Session: 2020 – 21)

Name of the Program:	M.Tech (Construction Engineering and Management)	Semester:	II
Paper Title:	Project Safety Management	Paper Code:	CEM21012
Maximum Marks:	50	Time Duration:	3 Hrs
Total No. of Questions:	17	Total No of Pages:	2
<i>(Any other information for the student may be mentioned here)</i>		1. At top sheet, clearly mention Name, Univ. Roll No., Enrolment No., Paper Name & Code, Date of Exam. 2. All parts of a Question should be answered consecutively. Each Answer should start from a fresh page. 3. Assumptions made if any, should be stated clearly at the beginning of your answer.	

Group A Answer All the Questions (5 x 1 = 5)			
1	Who may be responsible for accident? a) Worker b) Management c) working conditions d) all	Remembering	CO1
2	Safety procedure includes ____ a) Safety training b) industrial safety c) safe working conditions d) all	Remembering	CO2
3	Injury without showing external signs is ____ injury. a) Internal b) external c) temporary d) permanent	Remembering	CO3
4	Fire drill shall be done _____. a) Once in week b) once in month c) once in quarter d) once in year	Remembering	CO4
5	One ambulance room should be provided in a factory employ more than ____ workers. a) 200 b) 300 c) 400 d) 500	Remembering	CO5
Group B Answer All the Questions (5 x 2 = 10)			
6 a)	What is occupational hazard?	Understanding	CO1
(OR)			
6 b)	Define Accident	Remembering	CO1
7 a)	Define Safety Committee.	Remembering	CO2
(OR)			
7 b)	What is the first rule of safety?	Remembering	CO2
8 a)	Write about the importance of Safety Training	Understanding	CO3
(OR)			
8 b)	Define safety management in construction.	Remembering	CO3
9 a)	What are contractual obligations?	Understanding	CO4
(OR)			
9 b)	What are the types of contracts?	Understanding	CO4
10 a)	List out the equipment for minimum PPE?	Remembering	CO4

(OR)			
10 b)	Define the role of owner.	Remembering	CO5
Group C Answer All the Questions (7 x 5 = 35)			
11 a)	Discuss the most important safety rules in construction.	Understanding	CO2
(OR)			
11 b)	What are the steps for an effective safety awareness program?	Understanding	CO2
12 a)	Write a short note on Job-Safety analysis.	Analysing	CO2
(OR)			
12 b)	Write the need and uses of construction safety manual?	Remembering	CO3
13 a)	What kind of details should be in inspection reports?	Remembering	CO3
(OR)			
13 b)	What is the role of safety officers in construction?	Understanding	CO3
14 a)	What is Workers' Compensation?	Remembering	CO4
(OR)			
14 b)	What is accident leave?	Remembering	CO4
15 a)	What are the benefits of ISO certification?	Understanding	CO4
(OR)			
15 b)	How ISO certification can help your construction company	Analysing	CO4
16 a)	Briefly explain hazard identification and assessment.	Analysing	CO5
(OR)			
16 b)	What does safety policy mean?	Understanding	CO5
17 a)	State emergency action plan.	Understanding	CO5
(OR)			
17 b)	How to develop a safety and health policy?	Understanding	CO5