B. Tech Degree VIII Semester Examination, May 2006

SE 802 ACCIDENT INVESTIGATION AND ANALYSIS
(1999 Admissions Onwards)

Time : 3 Hours   Maximum Marks : 100

I.		Define accident. Explain the reasons and prevention methods with suitable examples.	(20)
		OR	
II.		Discuss the importance of Policy formulation and effective planning in ensuring safety in organizations.	(20)
III.		Explain in detail about the various human failings which can lead to accidents with suitable examples of your choice.	(20)
		OR	
IV.		Discuss the steps involved in an accident investigation involving fire.	(20)
V.	(a)	How accident datas are collected? Explain.	(10)
	(b)	Explain the methods used for the effective presentation of Accident data.	(10)
		OR	
VI.	(a)	How will you document the facts collected during an accident investigation exercise?	(10)
	(b)	Discuss the methodology for dealing with witness in an accident investigation.	(10)
VII.	(a)	Discuss the importance of group discussion in Accident analysis.	(10)
	(b)	What do you mean by effective reports? Explain.	(10)
		OR	
VIII.	(a)	Explain the procedures involved in conducting a meeting.	(10)
	(b)	As the head of an investigation team you are asked to convene a meeting of all concerned. Prepare an agenda for the meeting.	(10)
IX.		Discuss the importance of Accident analysis in classifying the accidents, with suitable examples.	(20)
		OR	
X.		Write explanatory notes on:	
		(i) Safety data sheet	
		(ii) Accident Records	(20)

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