GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER-VII(OLD) • EXAMINATION – WINTER 2016

Subject Code: 172203Date: 23/11/20Subject Name: Environment Management in Mine			5
Tiı	me: 1 tructio 1. 2.	0:30 AM to 01:00 PM Total Marks: 70	
Q.1	(a) (b)	Explain Environment Management Plan. What is noise? Explain noise control measures.	07 07
Q.2	(a) (b)	What is Acid mine drainage? Explain active methods of its treatment. Explain the State the main points of Environment Protection Act 1986. OR	07 07
	(b)	What is Sustainable Development and how this approach is applicable in mining projects.	07
Q.3	(a) (b)	Explain the procedure of environmental clearance. Discuss risk and socio economic response of mine closure. OR	07 07
Q.3	(a) (b)	What is inventory of pre-mining land use?	07 07
Q.4	(a)	What is EMM? Explain various precautions in environment condition in open cast mine.	07
	(b)	Explain the technology used for acid mine drainage for wetlands. OR	07
Q.4	(a) (b)	Explain Ecological Restoration. What are the different stages of mining and its environmental effects?	07 07
Q.5	(a) (b)	Explain Mine Closure Planning for Opencast Mines. What are the various post mining land uses? Comment on their suitability. OR	07 07
Q.5	(a) (b)	Explain the Management Principles for Post Mining Land use. Discuss about Environment Impact Assessment.	07 07
