Seat No.: Enrolment No				
		GUJARAT TECHNOLOGICAL UNIVERSITY		
M.E –II st SEMESTER–EXAMINATION – JULY- 2012			•••	
Subject code: 1721402 Date: 09/07/			2012	
•		Name: Resources Management		
		30 am – 13:00 pm Total Mark	s: 70	
Instr				
		empt all questions.		
		ke suitable assumptions wherever necessary. 1 res to the right indicate full marks.		
3.	rigi	ires to the right indicate run marks.		
Q.1	(a)	Explain points in favour of machine and man power.	07	
_	(b)	<u> </u>	07	
Q.2	(a)		03	
		technical & commercial expertise". (ii) Enlist classification of equipments. Discuss importance of this	04	
		classification.	VŦ	
	(b)		04	
	, ,	(ii) Prepare list of various equipment required for widening of existing	03	
		two lane roads to four lanes.		
		OR	0.4	
	(b)	(i) Discuss advantages of standardization in inventory control.	04	
Q.3	(a)	(ii) Explain following: Rim Pull & Useful Pull. Discuss objectives of creative purchasing.	03 07	
Ų.J	(a) (b)	Discuss in details following factors responsible for selection of equipment.	07	
		(i) Weather's influence on equipment performance.		
		(ii) Operator's effectiveness with the equipment.		
		a -		
0.2	(-)	OR	07	
Q.3	(a) (b)	State & discuss phases of material management. Enlist forecasting equipment requirement. Explain any two in details.	07 07	
Q.4	(a)	Explain EOQ model with price breaks.	07	
	(b)	Discuss considerations for storing & stacking of various civil engineering	07	
		materials on construction projects.		
		OR		
Q.4	(a)	Give your comments on assumptions on classical EOQ model.	07	
0.5	(b)	Discuss objectives of disposal of waste.	07	
Q.5	(a)	Enlist & explain factors to be considered for selection of crusher for road project.	07	
	(b)	Explain functions of components of belt conveyor system.	07	
	()	OR		
Q.5	(a)	Explain reliability centered maintenance for construction plants. Discuss	07	
		its advantages and disadvantages.		
	(b)	Differentiate between predictive and preventive maintenance. ***********************************	07	
		<u> የ</u> የምምምም ለተቀቀቀ		