Seat No.:	Enrolment No.

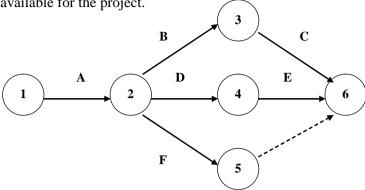
GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VIII EXAMINATION - WINTER 2015

•		Code:182506									Date:12/12/2015
U	2:3 ctions 1. 2.	Name: Manag 80pm to 5:00 s: Attempt all ques Make suitable a Figures to the ri	pm stions	s. ption	s who	ereve		cessa	ry.		Total Marks: 70
Q.1	(a) Describe stages of Project Life Cycle in detail(b) What is WBS? Explain in detail								07 07		
Q.2	(a) Construct project network based on following information and find total project time duration.								ormation	07	
		Activity	A	В	C	D	E	F	G	Н	
		Processing Time (Hrs.)	9	10	11	7	8	7	9	5	
		Immediate Predecessor	-	A	A	A	В	D	B,C,F	D,G,E	
	(b)	Calculate EST for the above	07								
	(b)	OR What do you mean by crashing of the project? Explain with suitable example in detail.								07	
Q.3	(a) Explain the process of selection of team members for the Project in detail								s for the	07	
(b) Describe different factors affecting project at various stages.									07		
Q.3	(a) (b)	OR Explain methods of estimating cost of the project in detail. Prepare the sample Gantt chart for break down maintenance of any process industry of your choice.								07 07	

Q.4 What do you mean by resource allocation in the project? Solve 14 following problem.

Problem: For the network shown in the Figure activity, resource requirements are given in the table. Solve the problem for resource allocation. There are two cranes and 8 welders available for the project.



Activity	A	В	С	D	E	F	
Duration Days	10 1		8	14	3	9	
Resources Required	-	2 Cranes	8 Welders	6 Welders	-	1 Crane	

OR

- Q.4 (a) Discuss the role of demand forecasting using primary and 07 secondary data in selection of project.
- **Q.4 (b)** What do you mean by feasibility report for the project? **07** Explain with suitable example
- Q.5 (a) Discuss various financial parameters during financial 07 appraisal of the project.
 - (b) Write a short note on Net Present Value & Internal Rate of **07** Return methods for investment appraisal

OR

- Q.5 (a) Explain different types of project management software in 07 brief
 - (b) Discuss the current trends and future in project 07 management.
