Seat	No.:	Enrolment No.	
Sout		GUJARAT TECHNOLOGICAL UNIVERSITY	
		M. E SEMESTER – II • EXAMINATION – SUMMER • 2014	
Sub	iect	code: 1724903 Date: 27-06-2014	
	•	Name: Application of Information Technology in	
Sub	jeer	Construction Management	
Tim	Oʻ	2:30 pm - 05:00 pm Total Marks: 70	
	Instructions:		
IIISU		Attempt all questions.	
		Make suitable assumptions wherever necessary.	
		Figures to the right indicate full marks.	
Q.1	(a)	How do you see the role of Algorithm and Flowchart as logic building tool?	07
	(b)	How will you make the presentation more effective and attractive with various	07
		features of Ms-Powerpoint	
Q.2	(a)	Differentiate between functions and formula in MS-Excel. Give necessary examples of each.	07
	(b)	Explain the use of What IF analysis in MS-Excel.	07
		OR IN ID CO. III I CO. III I CO.	
	(b)	Describe the role of Spreadsheet software and Word Processing Software for the enhancement as well as accelerating the construction industries tasks. Give	07
Q.3	(a)	appropriate examples. How do you see the scope of Information technology in construction industry?	07
Q.J	(a) (b)	Write the procedure to perform following operations in MS-Word	07
	(0)	(1) To Protect the document.	07
		(2) To replace all õVadodaraö in document with õAhmedabadö	
		OR	
Q.3	(a)	Explain the capabilities of Primavera software in construction industries.	07
	(b)	How VBA can be helpful in customizing the spreadsheet application. Give	07
~ (necessary example.	
Q.4	(a)	Draw the shapes/symbols used for the following operations of flowchart. (1) Let $f(x) = \frac{1}{2} \int_{-\infty}^{\infty} $	07
		(1) Input/output (2) Expressing numerical equation or assigning values(3) Starting and ending flowchart (4) Continuation of flow chart over next	
		page	
		Also prepare your own small flowchart showing the use of all above operations.	
	(b)	Describe the spread sheet software along with its functional features and its	07
	(-)	advantages.	
		OR	
Q.4	(a)	Write the use of following MS-Excel functions with example.	07
		(1) HLOOKUP (2) COUNT (3) PROPER (4)SUMIF (5) ROUND	
	(b)	Write the use of following utilities of MS-Excel	07
0.5	()	(1) Filter (2) Format Painter (3) Merging the cell.	07
Q.5	(a)	Draw a flowchart showing the entire life cycle of University U.G Course study	07
		begins from application for the admission to Admission committee upto the getting degree in convocation. Use necessary symbols.	
	(b)	Enlist and explain the various applications of MS-Project software.	07
	(0)	OR	07
Q.5	(a)	Enlist and explain the various features of Ms-Project software.	07
Č	(u) (b)	Write Short note on:	07
	. /	(1) Pivot table in MS-Excel	
		(2) Header footer in Ms-Word.	
