## **GUJARAT TECHNOLOGICAL UNIVERSITY** BE - SEMESTER-III • EXAMINATION – SUMMER • 2014

<b>DE - SEMIESTER-III · EXAMINATION - SOMMER · 2014</b>			
Subject Code: 131601Date: 23-05-2Subject Name: Business Information SystemTime: 02.30 pm - 05.00 pmTotal Marks			
	tructio 1. 2.		
Q.1	(a) (b)	<ul> <li>Explain System Development Life Cycle in detail.</li> <li>Compare and contrast</li> <li>(i) Serial &amp; Parallel Transmission</li> <li>(ii) Synchronous &amp; Asynchronous Transmission</li> </ul>	07 07
Q.2	(a) (b)	Explain Hierarchical and Faceted classification What is Communication? Explain Elements of communication and its process	07 07
	(b)	<b>OR</b> Explain Business Work Area in detail.	07
Q.3	(a) (b)	Explain Sequential, Direct Access and index file structure in detail. Explain the following Terms.	07
		<ol> <li>Logical file system</li> <li>Auditing.</li> <li>Magnetic Drum</li> </ol>	03 02 02
Q.3	(a) (b)	<b>OR</b> What is Fact-finding Method? Explain any three Methods Give Brief idea about Expert System	07 07
Q.4	<b>(a)</b>	List out the Requirements of Code Numbers and Explain Code numbering	07
	( <b>b</b> )	schemes in detail Explain Changeover Procedure in detail. <b>OR</b>	07
Q.4	(a)	What is data flow diagram? Draw Context level DFD for Library management system	07
	<b>(b)</b>	What is OCR? Explain the process of OCR in detail.	07
Q.5	(a) (b)	Write a note on software testing life cycle Write a short note on Neural Networks	07 07
Q.5	(a)	OR Write a note on Payroll system Design	07
~~~	(b)	Define and explain the following terms <ol> <li>Feasibility Study</li> <li>Dumping</li> <li>Job Scheduler</li> </ol>	03 02 02

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