

GUJARAT TECHNOLOGICAL UNIVERSITY**BVOC - SEMESTER-IV EXAMINATION – SUMMER 2022****Subject Code:1140204****Date:08-07-2022****Subject Name:Management Information Systems****Time:10:30 AM TO 12:30 PM****Total Marks:50****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

		Marks
Q.1	(a) What is MIS? Explain with detail.	05
	(b) Explain Information systems in an Organization with a specific diagram.	05
Q.2	(a) What are the different levels of the management explain in detail.	05
	(b) Explain Three phases of the Hebert Simon model with a diagram.	05
OR		
	(b) Explain Decision support system with attributes and characteristics.	05
Q.3	(a) Explain working of a payroll system as Transaction Processing System.	05
	(b) Describe the characteristics of a Transaction Processing System.	05
OR		
Q.3	(a) Explain merits and demerits of Transaction Processing System.	05
	(b) Explain working of ATM Systems as TPS.	05
Q.4	(a) Write a short note on Virtual Organization.	05
	(b) Explain redundancy control in DBMS.	05
OR		
Q.4	(a) Define DSS. Write a short note on Decision Support System.	05
	(b) Explain various models of Database.	05
Q.5	(a) Explain role of Chief Information Officer.	05
	(b) Give the difference between Optimization Tools and DSS Tools.	05
OR		
Q.5	(a) Explain any three optimization techniques.	05
	(b) Give the difference between MIS and Expert System.	05
