Seat No.: _____   Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY
BVOC - SEMESTER–IV EXAMINATION – WINTER 2021
Subject Code: 1140204   **Date: 05/01/2022**
Subject Name: Management Information Systems
Time: 02:30 PM TO 04:30 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)**	Explain working of a Payroll System as a Transaction Processing System.	**05**
	(b)	Explain advantages and disadvantages of Transaction Processing System. Take a suitable example for it.	**05**
Q.2	**(a)**	Answer the following.	**05**

    1. Give the definition of MIS.
    2. Give the full form of DSS and IPS.
    3. Give two examples of empirical system.
    4. State the difference between internal and external information.
    5. The top level of management performs strategic planning. True or False?

	(b)	Take an example of *paytm* and explain life cycle of MIS.	**05**

OR

	(b)	"Without computer, it will very difficult to implement MIS." Justify the statement.	**05**
Q.3	**(a)**	Explain various constraints in developing an effective MIS.	**05**
	(b)	Explain various components of Database System.	**05**

OR

Q.3	**(a)**	Explain organization of Management Information System.	**05**
	(b)	Explain various models of Database.	**05**
Q.4	**(a)**	Explain classification of DSS in brief.	**05**
	(b)	Explain quality control information system in an organization using suitable example.	**05**

OR

Q.4	**(a)**	Explain 'What..if' analysis of DSS using suitable example.	**05**
	(b)	Write a short note in virtual organizations.	**05**
Q.5	**(a)**	State characteristics of an expert system.	**05**
	(b)	Give the difference between Optimization Tools and DSS Tools.	**05**

OR

Q.5	**(a)**	Compare and contrast Management Information System with Expert System.	**05**
	(b)	Enlist role of Chief Information Officer in brief.	**05**

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