

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI  
(END SEMESTER EXAMINATION)**

**CLASS: MBA  
BRANCH: MANAGEMENT**

**SEMESTER : I  
SESSION : MO/2025**

**SUBJECT: MT406R1 INFORMATION TECHNOLOGY MANAGEMENT**

**TIME: 3 Hours**

**FULL MARKS: 50**

**INSTRUCTIONS:**

1. The question paper contains 5 questions each of 10 marks and total 50 marks.
  2. Attempt all questions.
  3. The missing data, if any, may be assumed suitably.
  4. Before attempting the question paper, be sure that you have got the correct question paper.
  5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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		CO	BL
Q.1(a)	Briefly discuss the data-information-knowledge cycle with a suitable example.	[5] 1	1,2
Q.1(b)	What is an RDBMS? Discuss the three major advantages of a database with suitable example.	[5] 1	1
Q.2(a)	MIS supports a manager in his functional responsibilities. Illustrate.	[5] 2	4,5
Q.2(b)	What is a TPS? Discuss the role of it in an organization.	[5] 2	1,3
Q.3(a)	What do you mean by E-Business? Discuss the different e-commerce models using proper citation.	[5] 3	1,2
Q.3(b)	Define Electronic Data Interchange. Discuss the advantages of using it in modern day business.	[5] 3	1,2
Q.4(a)	Define computer security. Why is the need for security policy felt in an organization?	[5] 4	1,3
Q.4(b)	What is cryptography? Discuss in detail its types.	[5] 4	1,2
Q.5(a)	What do you mean by a data type? What are the basic data types used in Python?	[5] 5	1,2
Q.5(b)	Write a programme to input two numbers from user and display them along with their summation.	[5] 5	3,4

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