

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

**CLASS: MBA/PRE-PHD
BRANCH: MANAGEMENT**

**SEMESTER : I/NA
SESSION : MO/2022**

SUBJECT: MT406R INFORMATION TECHNOLOGY MANAGEMENT

TIME: 3:00 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.
-

Q.1(a)	Explain data and information.	CO-1, BL- 2	[2]
Q.1(b)	Describe the characteristics of information.	CO-1, BL-2	[3]
Q.1(c)	Discuss types of databases.	CO-1, BL-2	[5]
Q.2(a)	Discuss in brief the composition of information system.	CO-2, BL-2	[2]
Q.2(b)	Describe in brief the stages of software planning.	CO-1, BL-2	[3]
Q.2(c)	Explain the benefits of different types of Information Systems?	CO-1, BL-2	[5]
Q.3(a)	Explain the advantages of e-commerce from consumer's perspective.	CO-3, BL-2	[2]
Q.3(b)	Differentiate between e-commerce and e-business.	CO-3, BL-4	[3]
Q.3(c)	Discuss few emerging trends in e-commerce.	CO-3, BL-2	[5]
Q.4(a)	Explain three types of cyber threats related to IT/IS.	CO-4, BL-2	[2]
Q.4(b)	Explain firewall.	CO-4, BL-2	[3]
Q.4(c)	Describe Block chain technology and its uses.	CO-4, BL-2	[5]
Q.5(a)	Give an example of 5 data types in python. If there is any mistake in the following program, then write the program using correct syntax. x= [5, 6.3, cat, dog, 10] for i in x print(x)	CO-5, BL- 4	[2]
Q.5(b)	Explain Arithmetic, Boolean, Relation, and Membership operators in Python? Give Examples to elaborate. CO-5, BL-2		[3]
Q.5(c)	Write a program in python which asks for your first name as an input then appends a blank list to store only the vowels of your name and then displays the list. CO-5, BL-6		[5]

:::24/11/2022:::E