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BCA
(SEM II) THEORY EXAMINATION 2024-25
INFORMATION SYSTEMS

TIME: 3 HRS**M.MARKS: 70****Note:** Attempt all Sections. In case of any missing data; choose suitably.**SECTION A****1. Attempt all questions in brief.****02 x 7 = 14**

Q no.	Question	CO	Level
a.	What is an Information System (IS)?	1	K2
b.	Differentiate between data and information.	1	K2
c.	What is the main objective of an MIS?	2	K3
d.	What is organizational planning?	3	K2,K3
e.	What is the difference between Intranet and Extranet?	3	K2,K3
f.	Define electronic commerce (e-commerce).	4	K2
g.	Define Global IT Management. Mention any two challenges faced.	5	K4

SECTION B**2. Attempt any three of the following:****07 x 3 = 21**

Q no.	Question	CO	Level
a.	What are the key components of an information system? Explain each in detail.	1	K2
b.	Describe with a diagram the input-process-output model of an MIS.	2	K3
c.	Discuss the planning process in detail with a suitable diagram or flowchart.	3	K2,K3
d.	What is a Decision Support System (DSS)? How does it help managers? Explain with use cases.	4	K2
e.	What is CRM? How does it help in managing customer relationships effectively?	5	K4

SECTION C**3. Attempt any one part of the following:****07 x 1 = 07**

Q no.	Question	CO	Level
a.	Explain the fundamental concepts of information systems. How do they support business operations?	1	K2
b.	Discuss the importance of Information Systems in modern business decision-making.	1	K2

4. Attempt any one part of the following:**07 x 1 = 07**

Q no.	Question	CO	Level
a.	Discuss the structure of a typical Management Information System. Use a block diagram if possible.	2	K3
b.	Explain the concept of MIS. How does it help in decision-making?	2	K3



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5. Attempt any one part of the following: 07 x 1 = 07

Q no.	Question	CO	Level
a.	Describe the nature of control in an organization. What are the steps involved in the control process?	3	K2,K3
b.	Differentiate between planning and control. How are they interrelated?	3	K2,K3

6. Attempt any one part of the following: 07 x 1 = 07

Q no.	Question	CO	Level
a.	Explain the role of the Internet and e-commerce in transforming business models.	4	K2
b.	What are enterprise solutions? Discuss their importance in large organizations.	4	K2

7. Attempt any one part of the following: 07 x 1 = 07

Q no.	Question	CO	Level
a.	Explain various security threats and ethical challenges in managing IT in organizations.	5	K4
b.	Explain the concept and components of Supply Chain Management (SCM).	5	K4