

Test ID M15I.7A.C1 :: Info Tech :: Chapter 1 :: Time 54 Mins :: Total 31 Marks

- Q.1 Discuss different cycles of an Accounts BPM. [4 marks]
Q.2 Explain challenges in implementing BPA? [3 marks]
Q.3 What are benefits & Risk of Business Process Automation ? [4 marks]
Q.4 What are benefit of BPMS? [4 marks]
Q.5 Analyze the completeness of the following reduced decision table [4 marks]

	Table X	R1	R2	R3	R4	R5
C1	Condition A	Y	N	N	N	N
C2	Condition B	Y	Y	N	N	N
C3	Condition C	-	N	-	Y	N
C4	Condition D	-	-	-	N	N
A1	Action 1	X		X	X	
A2	Action 2		X			X

- Q.6 Explain risk and benefits of flow chart. [4 marks]
Q.7 Differentiate flowchart and data flow diagram? [6 marks]

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- Q.1 What are benefits & Risk of Business Process Automation ? [4 marks]
Q.2 What are benefit of BPMS? [4 marks]
Q.3 Classify each of the following items as belonging in the revenue, expenditure, human resources/payroll, production, or financing cycle.
(a) Purchase raw materials (b) Decide how many units to make next month
(c) Pay for raw materials (d) Disburse payroll checks to factory workers
(e) Hire a new assistant controller (f) Update the allowance for uncollectible accounts
(g) Establish a 10,000 credit limit for customer XYZ Company [3 marks]
Q.4 A university consists of a number of departments. Each department offers several courses. A number of modules make up each course. Students enroll in a particular course and take modules towards the completion of that course. Each module is taught by a lecturer from the appropriate department, and each lecturer tutors a group of students. Draw an E-R Diagram. [4 marks]
Q.5 What is decision table? What are its parts. [4 marks]
Q.6 DIFFERENCE BETWEEN FLOWCHART AND DATA FLOW DIAGRAM [3 marks]
Q.7 Differentiate 'Data store' & 'Data flow' in context of data flow diagram. [3 marks]
Q.8 What do you mean by BPR? Explain its success factors. [4 marks]
Q.9 Define Process from business perspective. [2 marks]

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- Q.1 What is Business Process Management? Explain its benefits. [6 marks]
Q.2 Explain challenges in implementing BPA? [3 marks]
Q.3 What are benefits of Business Process Automation & Risk? [4 marks]
Q.4 Explain PROCESSING CYCLES OF AN ACCOUNTS BPM? [4 marks]
Q.5 What is Mapping System? Name its types. [4 marks]
Q.6 Explain different type of relationships in E-R Model with Suitable Example. [4 marks]
Q.7 Differentiate flowchart and data flow diagram? [6 marks]

Test ID N14I.7A.C2 :: Info Tech :: Chapter 2 :: Time 54 Mins :: Total 31 Marks

Q1. Write short notes on the following:

(a) Bluetooth (b) Wi-Fi (c) Virtual Memory (d) SmartPhone [2*4 marks]

Q2. What are the three critical pillars of Business Process Automation (BPA)? [4 marks]

Q3. Discuss Advantages of DBMS [4 marks]

Q4. What are the different types of clouds in a Cloud computing environment? [4 marks]

Q5. Discuss Cloud Computing architecture. [3 marks]

Q6. Discuss Service models of Cloud Computing. [4 marks]

Q7. What is Mobile Computing? Discuss its components. [4 marks]

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Test ID N14M.7A.C2 :: Info Tech :: Chapter 2 :: Time 54 Mins :: Total 32 Marks

Q1. Write short notes on the following:

(a) Touchpad (b) Direct Changeover (c) RAM (d) Application Software [2*4 marks]

Q2. What are the three critical pillars of Business Process Automation (BPA)? [4 marks]

Q3. Discuss different types of relationships in E-R diagram. [4 marks]

Q4. What are advantages of DBMS? [4 marks]

Q5. What are the issues addressed by Network Modelling? [4 marks]

Q6. Discuss Service models of Cloud Computing. [4 marks]

Q7. What do you understand by operating system? Discuss some activities executed by Operating system. [4 marks]

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Differentiate between Software as a Service (SaaS) and Platform as a Service (PaaS) in Cloud Computing [2 marks]

Q.6 Discuss different phases of Business Process Management (BPM) Life Cycle. [4 marks]

Q.7 What are the three critical pillars of Business Process Automation (BPA)? [4 marks]

Q.8 Discuss different types of relationships in E-R diagram. [4 marks]

Q.9 What are advantages of DBMS? [4 marks]

Q.10 Discuss Service models of Cloud Computing. [4 marks]

Q.11 What do you understand by operating system? Discuss some activities executed by Operating system. [4 marks]

Test ID N14I.7A.C3 :: Info Tech :: Chapter 3 :: Time 60 Mins :: Total 35 Marks

Q.1 Define the following terms briefly:

(a) Multiplexer (b) MODEM (c) Switch (d) Router (f) Network Interface Card (NIC) [5 marks]

Q.2 Differentiate between Client Server Network and Peer-to-Peer Network [3 marks]

Q.3 How can Client Computers be classified? [3 marks]

Q.4 Discuss some of the characteristics and issues of Client Server (C/S) architecture. [4 marks]

Q.5 Discuss advantages of Star Topology & Mesh Topology [4 marks]

Q.6 Discuss Encryption Model in computer network. [4 marks]

Q.7 Discuss in brief, some of the popular Network Security Protocols. [4 marks]

Q.8 Discuss strategic capabilities of Internet along with their business applications. [4marks]

Q.9 Discuss Risks involved in e-Commerce. [4 marks]

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Q.1 Define the following terms briefly:

(a) DSL (b) Simplex Connection (c) Bridge (d) Repeater (f) Cryptography [5 marks]

Q.2 Differentiate between Broadcast Networks and Switched Networks? [3 marks]

Q.4 What are types of Transmission Techniques. Explain in brief. [4 marks]

Q.5 What do you mean by IDS? What are its types. [4 marks]

Q.6 Explain benefits of ecommerce in short. [4 marks]

Q.7 Define Vulnerability in a Network. What are the factors responsible for the occurrence of Vulnerabilities?

Q.8 Differentiate between Transport Layer and Network Layer of OSI Model.

Q.9 Discuss Internetwork Processors.

Info Tech :: Chapter 4 :: Time 60 Mins :: Total 36 Marks

- Q.1 What is Information System. Explain its components in details. [4 marks]
- Q.2 What do you mean by TPS? What are its attributes. [4 marks]
- Q.3 Discuss Core Banking System (CBS). [4 marks]
- Q.4 What do you mean by DSS? What are its components. [4 marks]
- Q.5 Discuss ERP. [4 marks]
- Q.6 What do you mean by Expert system. Explain its components. [4 marks]
- Q.7 Differentiate between Explicit knowledge & Tacit Knowledge [3 marks]
- Q.8 Explain following in brief
- (a) Office Automation System (b) Specialised System (c) Knowledgebase [3*2 marks]

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- Q.1 Explain typical transaction processing cycle.
- Q.2 What are commercial application of Expert System/AI [question may be asked on any, answer is same]
- Q.3 Discuss Supply Chain Management (SCM) and its components.
- Q.4 Discuss Executive Information System (EIS) and its components.
- Q.5 Discuss some of the examples of Office Automation Applications.
- Q.6 Discuss function of Access & Privilege Control.

Info Tech :: Chapter 5

Q.1 Discuss Input Controls and their categories in Business Process Automation.

Q.2 Discuss Network Virtualization and its application.

Q.3 Discuss some advantages of Cloud Computing.

Q.4 Explain different types of business application.

Q.5 Differentiate between Manual Information Processing Cycle & Computerized Information Processing Cycle

Q.6 Types of control on the basis of time.

Q.7 What do you mean by boundary control? Explain types.

Students must do all application controls thoroughly. At least one in expected.

Q.8 Disadvantages of Cloud Computing

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