

B.Tech III Year II Semester (R15) Regular & Supplementary Examinations May/June 2019

**SYSTEM APPLICATIONS & PRODUCT**

(Common to CSE & IT)

Time: 3 hours

Max. Marks: 70

**PART – A**

(Compulsory Question)

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- 1 Answer the following: (10 X 02 = 20 Marks)
- What is a material group?
  - What is the silo effect? Why does it exist?
  - What is a three way match?
  - What is purchase order?
  - What is a billing document?
  - Explain the relation between deliveries and transfer orders.
  - Which material master data are relevant in production?
  - What is BOM?
  - Write MRP elements.
  - What is demand management?

**PART – B**

(Answer all five units, 5 X 10 = 50 Marks)

**UNIT – I**

- 2 Discuss the typical structure of documents in SAP ERP.

**OR**

- 3 An organization purchases office supplies as listed below. The vendor invoices the organization at a later date and the organization makes payment via a check. Prepare the T accounts to illustrate the impact of these purchases on the general ledger.

- Purchase office supplies for \$2,500 from Vendor Z.
- Purchase office supplies for \$1,200 from Vendor Y.

**UNIT – II**

- 4 Explain the different steps in the procurement process in terms of their triggers, required data, tasks completed and outcomes.

**OR**

- 5 What is delivery document? What is the significance of the delivery document in purchasing? Explain with an example.

**UNIT – III**

- 6 Briefly explain how the fulfillment process is integrated with other processes.

**OR**

- 7 Explain the role of each partner function in the fulfillment process.

**UNIT – IV**

- 8 Briefly describe the steps in the production process in terms of triggers, data, tasks, and outcomes.

**OR**

- 9 Briefly discuss the key data in a work center master record.

**UNIT – V**

- 10 Compare and contrast aggregation and disaggregation.

**OR**

- 11 Discuss the different reporting tools that are useful in material planning.

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B.Tech III Year II Semester (R15) Supplementary Examinations April 2021

**SYSTEM APPLICATIONS & PRODUCT**

(Common to CSE &amp; IT)

Time: 3 hours

Max. Marks: 70

**PART – A**

(Compulsory Question)

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- 1 Answer the following: (10 X 02 = 20 Marks)
- What is parallel accounting? Why do organizations maintain multiple ledgers?
  - Describe client-server and services-oriented architectures.
  - What are purchasing info records? What is their role in the purchasing process?
  - How is the data in the vendor master grouped into?
  - List the documents that are created during fulfilment process. Describe each in one or two statements.
  - What is a presales activity? Give example.
  - What is product routing? What is its importance?
  - What is the significance of item categories in a bill of materials?
  - What are the common production control techniques?
  - Compare independent requirement with planned independent requirement.

**PART – B**

(Answer all five units, 5 X 10 = 50 Marks)

**UNIT – I**

- 2 Creative advertising, owned by Mrs Masood, provides advertising consulting services. During January 2020, the following events occurred:
- Jan. 2 Owner contributed Rs. 50,000 and a new computer costing Rs. 20,500 to start her business.
- Jan. 4 Office supplies were purchased on account for Rs. 4,000.
- Jan. 10 Creative advertising obtained 12% 5-year loan of Rs. 20,000 from the bank.
- Jan. 12 Creative advertising paid the utility bills for Rs. 2,750.
- Jan. 15 Paid the Rs. 3,000 in accounts payable from the purchase of office supplies on Jan. 4.
- Jan. 24 Advertising services completed in January were billed to clients Annie's flowers at Rs. 18,300.
- Jan. 27 Creative advertising received Rs. 5,500 from Annie's flowers, a client, as payment on account.
- Jan. 30 Miss Abida Masood withdrew Rs. 6,000 of cash for personal use.
- Prepare the T accounts to illustrate the impact of these transactions on the general ledger.

**OR**

- 3 (a) What are the reporting options available in SAP ERP? How do they differ from one another? How do they differ from the reporting options available in SAP BW?
- (b) What is the silo effect? Why does it exist? What problems does it create? How can an organization reduce or eliminate the silo effect?

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**UNIT – II**

- 4 (a) Discuss the four basic categories of master data that are utilized during the procurement process.  
(b) List important item categories and describe each category in brief.

**OR**

- 5 Identify the key steps in the procurement process and the data, documents, and information associated in the procurement process.

**UNIT – III**

- 6 Discuss the role of the credit management process in fulfillment.

**OR**

- 7 (a) Explain how the steps in the fulfillment process impact the general ledger accounts.  
(b) Describe with examples, the data in the three segments of a customer master.

**UNIT – IV**

- 8 (a) Briefly describe the steps in the production process in terms of triggers, data, tasks, and outcomes.  
(b) Explain the differences between using stock transport orders without delivery, with delivery, and with delivery and billing.

**OR**

- 9 (a) Explain the relationship between bills of materials, work centers and product routings.  
(b) Analyze the differences between one-step and two-step stock transfers.

**UNIT – V**

- 10 (a) Assess the advantages and disadvantages of creating planned orders and purchase requisitions for externally procured materials.  
(b) Define process integration. Explain why this is fundamental to modern business operations.

**OR**

- 11 Identify and discuss the various integration points among the procurement, fulfillment, production and warehouse management processes.

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