

E-Commerce & ERP (OEC-CS802A)

Date of Examination: 02.05.25 (Internal Exam-2) CSE Dept.

Full Marks: 15

Time: 45 Minutes

Attempt any three. (Each question carries 5 marks)

1. Describe benefits and disadvantage of B2B e-commerce.
2. Describe B2B transactions with diagram.
3. What is Supply Chain Management (SCM). Briefly Explain functions of SCM.
4. Illustrate various B2C transactions with a diagram.

JGEC/B.TECH/ CSE/HU-801/ 2025
Financial Management and Accounts

Full Marks:15

Times: 45min
(3x5=15)

1) Difference between:

- a) Fixed cost and Variable cost
- b) Manufacturing account and Trading Account
- c) Trial balance and Balance Sheet
- d) Financial Account and Management Account
- e) Gross profit and Net profit

CSE/PEC-CS801A/2025-26/ ClassTest II
Cyber Security

Full Marks: 15

Times: 45 min.

Answer any three questions

1. Explain the man-in-the-middle attacks for Diffie Hellman key exchange protocol. 5
2. Write short notes on a) DY threat model b) CK- Adversary model. 5
3. What is nonce? How it is related to replay attacks? 5
4. What is 'digital arrest scam' and how can you protect yourself? 5

2nd Internal Assessment Examination (2025)

Dept: CSE Semester: 8th Sub: Introduction to Blockchain Technology (PEC-CS801C) (Answer any three)

1. What is Smart contract? Write down the key characteristics of smart contract. How do smart contracts work? Name some tools for smart contracts security. 1+2+1+1
2. How are functions declared and defined in Solidity, Give Example? Explain the significance of visibility modifiers in Solidity functions. 2+3
3. Explain the concept of state variables and their significance in smart contracts. Explain the Storage, Memory, and Stack location specifier and when to use them. 2+3
4. How are gas used in blockchain? What is the unit of gas? Write a solidity program to multiply two integers given by the user and display the result. 1+1+3