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BACHELOR OF COMPUTER APPLICATIONS (B.C.A.)
SPECIALIZATION IN CYBER SECURITY (CS)
EXAMINATION: JUNE - 2025
SEMESTER - III
Sub: E-Commerce (BCA – 342-20 / BCA-CS-342-20)

Date : 13/06/2025

Total Marks : 30

Time: 2.00 pm to 3.30 pm

Instructions:

1. All questions are compulsory unless and otherwise stated.
2. Bold figures to the right of every question are the maximum marks for that question.
3. Candidates are advised to attempt questions in order.

Q.1. Fill in the blanks (5)

1. _____ are people with money who want to purchase a good or service.
2. Asymmetric algorithms use two keys – a public and a _____ key.
3. In _____ category consumers interact directly with other consumers.
4. _____ allows a person or computer system to determine if someone has the authority to request or approve an action or information.
5. Theft of identity to gain something, including unauthorized access to other sites is called as _____.

Q.2. True or False (5)

1. Sellers are the people who offer goods and services to buyers.
2. Government-to-Consumer type of E-commerce is also known as e-government.
3. The network layer is responsible for message routing.
4. Hacker may set up spoofing programs to observe traffic storing information that can be used to compromise the other system.
5. Symmetric encryption, also known as public-key encryption.

Q.3. Answer the following (Any 5) (10)

1. Differentiate between E-Business & E-Commerce.
2. What are the advantages of e-cash?
3. What is E-CRM?
4. Define the “Spoofing”.
5. State with example C-to-C E-commerce.
6. What is IPR?

Q. 4. Answer the following (Any 2) (10)

1. Explain the working of SET with neat diagram.
2. Explain in detail working of web browsers and its component with neat diagram.
3. Explain the following hacking techniques;
 - Sniffing
 - Spoofing
 - Trojan Horse
 - Backdoors
 - DoS attack