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BACHELOR OF COMPUTER APPLICATIONS (B.C.A.)
EXAMINATION : DECEMBER - 2024
SEMESTER – III

Sub: E-Commerce (BCA – 342-18)

Date :27/12/2024

Total Marks : 60

Time: 2.00 pm To 4.30 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.
4. Answers written illegibly are likely to be marked zero.
5. Use of scientific calculators, Log tables, Mollier Charts is allowed.
6. Draw neat and labelled diagrams wherever necessary.

Q.1. Fill in the blanks.

(5)

- _____ are the people who create the products and services that sellers offer to buyers.
a) Buyer
b) Producer
c) Customer
d) Consumer
- A _____ is an interceptor host that acts on behalf of the real user which filters application-level PDUs.
a) Packet Filter
b) MAC Filter
c) Proxy
d) anatomize
- An _____ threat exists when an unauthorized party can alter a message stream of information.
a) Integrity
b) Confidentiality
c) Authorisation
d) Non-repudiation
- Tapering with competitor's webpage or performing other actions to embarrass competition or secure usable code called as _____.
a) Impersonation
b) Phishing
c) Online Scams
d) Embarrassment
- _____ refers to the legal rights given to the inventor or creator to protect his invention or creation for a certain period of time.
a) IPR
b) Digital Copyright
c) Digital Signature
d) Copyright

Q.2. State True/False.

(5)

1. Buyers are people with money who want to purchase a good or service.
2. Telnet is a utility that allows users to log in to a remote system just as though they were logging in to a local system.
3. Secret key is only used in A-symmetric key cryptography.
4. In DDOS attack, a person can render a system unusable or significantly slow down the system for legitimate users by overloading the resources, so that no one can access it.
5. "Electronic Database" means data, record or data generated, image or sound stored, received or sent in an electronic form or micro film or computer generated micro fiche.

Q.3. Answer the following. (Solve any 5)

(10)

1. Define the term “Firewall”.
2. Explain the advantage of using SSL protocol.
3. What is DES?
4. What is a proxy application gateway?
5. Define the term “Double Spending”.
6. Explain the term “IPR”.

Q. 4. Answer the following in detail. (Solve any 6) (30)

1. Explain “Security Engineering Life-Cycle”
2. Write a short note on A-Symmetric Key cryptography.
3. Explain the features of E-CRM.
4. What is Copyright? Differentiate between Copyright and Digital copyright?
5. What are the advantages and disadvantages of online e-cash?
6. Define E-commerce. Explain any two types of E-commerce.
7. Write a note on Internet monetary payment and security requirements.

Q. 5. Answer the following in detail.(Solve any 1) (10)

1. Explain in detail with near sketch components of “Web Browser”.
 2. Explain in detail near sketch SET process.
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