

TILAK MAHARASHTRA VIDYAPEETH, PUNE
BACHELOR OF COMPUTER APPLICATIONS (B.C.A.)/
BACHELOR OF COMPUTER APPLICATIONS (CYBER SECURITY)
EXAMINATION: DECEMBER-2025
SEMESTER - III

Sub: E-Commerce (BCA – 342-20/BCA-CS-342-20)

Date : 26/12/2025

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. _____ is used as a logical extension of the term hypertext in which graphics, audio, video, plain text and hyperlinks intertwine to create a generally non-linear medium of information.
A) HTML B) Hyper Media
C) Media D) Video
2. _____ provides the infrastructure and environment that enables and facilitates e-business.
A) E-commerce B) Commerce
C) E-business D) E-market
3. _____ is the encompassing term that involves the use of electronic platforms - intranets, extranets and the Internet - to conduct a company's business.
A) E-procurement B) E-commerce
C) E-marketing D) E-business
4. _____ is the ability to say that an electronic communication does genuinely come from who it claims to.
A) integrity B) Confidentiality
C) Authentication D) privacy
5. _____ bombing is an overload of emails directed to one email address.
A) Email B) Packet
C) IP D) data

Q.2. True or False

(5)

1. An alternative to internet online credit card transactions is the use of e-cash.
2. Asymmetric encryption, also known as Public-key encryption .
3. A problem with the e-cash system is Double- spending.
4. Gopher is a network protocol used on the Internet or local area networks to provide a bidirectional interactive text-oriented communications facility using a virtual terminal connection.
5. Proxy servers act at the network and transport layers of the TCP/IP protocol.

Q.3. Answer the following (Any 5)

(10)

1. Define E-commerce
2. Explain B2B E-Commerce using an example
3. What is a firewall?
4. What is public key encryption?
5. What is web browser?
6. What is EDI?

Q. 4. Answer the following (Any 2)

(10)

1. What is SEPP? Explain SEPP process and architecture.
2. Explain in details the main components of web browsers?
3. Explain any five types of E-commerce?