

**TILAK MAHARASHTRA VIDYAPEETH, PUNE**  
**BACHELOR OF COMPUTER APPLICATIONS (B.C.A.)**  
**EXAMINATION: MAY - 2024**  
**SEMESTER – III**  
**Sub: E-Commerce (BCA – 342-18)**

---

**Date : 30/05/2024****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)**

1. \_\_\_\_\_ act in the same way as a virus, but are small programs or sections of a program, which are triggered by an event.  
a) Malware  
b) Logic bombs  
c) Email Bomb  
d) Worm
2. Encryption is the conversion of data into a form, called a \_\_\_\_\_ text that cannot be easily understood by unauthorized people.  
a) Cipher  
b) plain  
c) encoded  
d) open
3. \_\_\_\_\_ is a utility that allows users to log in to a remote system just as though they were logging in to a local system.  
a) FTP  
b) Telnet  
c) SMTP  
d) HTTP
4. \_\_\_\_\_ defined as data and applications should be safe from modification without the owner's consent.  
a) Privacy  
b) Authentication  
c) Integrity  
d) Availability
5. Selling \_\_\_\_\_ advertising space is a great way to use your site's traffic to generate revenue  
a) Banner  
b) web  
c) advertisement  
d) adwords

**Q.2. State True/False. (5)**

1. CRM system helps companies stay connected to customers, streamline processes and improve profitability.
2. "Electronic Form" with reference to information means any information generated, sent, received or stored in media, magnetic, optical, computer memory, micro film, computer generated micro fiche or similar device.
3. The page tagging service manages the process of assigning cookies to visitors; with log-file analysis, the server has to be configured to do this.
4. Private key is given by your computer to any computer that wants to communicate securely with it.
5. Virus enters your computer network and encrypts files, meaning you don't have any access to them.

**Q.3. Answer the following. (Solve any 5) (10)**

1. Define the term "Double Spending"
2. What is IPR?
3. Define the term "Electronic Gazette".
4. What is EDI?
5. Define the term "E-Cash".
6. What is use to Proxy Application Gateway?

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

1. Write a short note on asymmetric key cryptography.
2. What is E-commerce? Explain any two types of E-commerce.
3. Explain in detail working of SET protocol.
4. What are the advantages and disadvantages of e-cash?
5. What are different data collection technologies in web server?
6. What is Copyright? Differentiate between Copyright and Digital copyright?
7. Explain in detail CommerceNet advocacy.

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

1. Explain in detail working of SEPP protocol with neat sketch.
  2. Explain in detail web browsers main component with neat diagram.
-