

**2311090102040002**  
**EXAMINATION MARCH - APRIL 2024**  
**POST GRADUATE DIPLOMA IN COMPUTER**  
**APPLICATION (SECOND SEMESTER)**  
**E-COMMERCE AND NETWORK SECURITY**  
**ESSENTIALS – LEVEL 4**

[Time: As Per Schedule]

[Max. Marks: 70]

**Instructions:**

- 1. Fill up strictly the following details on your answer book**
  - a. Name of the Examination : **POST GRADUATE DIPLOMA IN COMPUTER APPLICATION (SECOND SEMESTER)**
  - b. Name of the Subject: **E-COMMERCE AND NETWORK SECURITY ESSENTIALS- LEVEL 4**
  - c. Subject Code No: **2311090102040002**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

**Q.1 Attempt any seven.**

**14**

1. Write full forms of: EPS and EFT
2. Write down limitation of the online banking.
3. What is a Node?
4. Define Computer Network.
5. Which are the security risks of using credit card?
6. Differentiate between NEFT and RTGS.
7. Give the full forms of: MAC and IP
8. Differentiate between Half Duplex and Full Duplex mode of transmission.
9. What is IP Security?

**Q.2** A. Discuss bus topologies in detail. **7**

**OR**

Write a detail note on Electronic Fund Transfer.

B. Write a note on Security Attacks. **7**

**Q.3** A. Write a note on Firewall. **7**

**OR**

List out types of electronic payment system. Explain any two in detail.

B. What is IPV4? List and explain IPV4 Network Address Classes. **7**

**Q.4** A. Discuss types of E-Commerce in detail. **7**

**OR**

What is E-Commerce? Compare: Traditional Commerce and E-Commerce

B. Write a note on LAN and WAN. **7**

**Q.5** Write a detail case study on Amazon keeping in mind about various parameters responsible for its success. **14**

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