

Examination, November-2023

COMPUTER NETWORKING & INTERNET**Paper - BBAN-504***Time allowed : 3 hours]**[Maximum marks : 50*

Note : Attempt five questions in all, selecting one question from each Unit. Question No. 1 is compulsory. All questions carry equal marks.

1. Explain the following:

- | | |
|------------------|---|
| (a) Cryptography | 2 |
| (b) News groups | 2 |
| (c) ISP | 2 |
| (d) Intranet | 2 |
| (e) Protocol | 2 |

Unit-I

2. What is Network topology? Explain different types of network topologies.

10

3. Explain the following:

- | | |
|-------------------------------------|---|
| (i) Analog and digital transmission | 5 |
| (ii) Analog and digital signal | 5 |

Unit-II

4. Differentiate between:

- | | |
|-----------------------------|---|
| (i) Public and Private Keys | 5 |
| (ii) OSI and TCP/IP Model | 5 |

5. Explain the following:

- | | |
|---------------------------------|---|
| (i) Classification of Protocols | 5 |
| (ii) Cryptography | 5 |

Unit-III

6. What is an Internet Service Provider? How does it provide internet connectivity to its customers?

10

7. Explain the following:

- | | |
|------------------------|---|
| (i) Dial up Networking | 5 |
| (ii) News group | 5 |

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Unit-IV

8. Explain the following:
- (i) Intranet Architecture 5
- (ii) HTTP 5
9. What is Intranet Security Design? How can an organization ensure the security of its intranet? 10

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