



PAPER ID-311222

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Subject Code: BCC301

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BTECH
(SEM III) THEORY EXAMINATION 2023-24
CYBER SECURITY

TIME: 3HRS**M.MARKS: 70**

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A**1. Attempt all questions in brief.**

| Q no. | Question | Marks |
|-------|--|-------|
| a. | Define Cyber Crime. | 2 |
| b. | What is Bot net. | 2 |
| c. | Why mobile needs security? | 2 |
| d. | Define Authentication and Authorization. | 2 |
| e. | What is virus and worms. | 2 |
| f. | Explain digital evidence? | 2 |
| g. | Why cyber is needed? | 2 |

SECTION B**2. Attempt any three of the following:**

| | | |
|----|--|---|
| a. | Explain how the term 'cybercrime' originated. State few Cyber Crimes. | 7 |
| b. | Explain wireless devices with example. What are the security challenges faced by wireless devices? | 7 |
| c. | Explain 7 Tools used in Cyber Crime. | 7 |
| d. | Explain Digital forensics life cycle. | 7 |
| e. | What is the need of Information Security policy? | 7 |

SECTION C**3. Attempt any one part of the following:**

| | | |
|----|--|---|
| a. | Who are Cyber Criminals? Classify Cybercrimes. | 7 |
| b. | What is the fuel for cybercrime. How may a criminal plan cybercrime? | 7 |

4. Attempt any one part of the following:

| | | |
|----|---|---|
| a. | Explain the security measures and policies taken for mobile devices. | 7 |
| b. | State some attacks on Mobile devices. What are the security implications for organizations. | 7 |

5. Attempt any one part of the following:

| | | |
|----|---|---|
| a. | What is Identity Theft. How it is done and how ID Theft can be handled? | 7 |
| b. | What is steganography. Explain in detail. | 7 |

6. Attempt any one part of the following:

| | | |
|----|--|---|
| a. | What is Email. Explain how Email forensics can be done. | 7 |
| b. | What are privacy threats? What are the challenges faced? | 7 |

7. Attempt any one part of the following:

| | | |
|----|--|---|
| a. | What is Cyber Law. State a few Cyber law in India. | 7 |
| b. | Give a Overview of Intellectual Property related Legislation in India. | 7 |