

Roll No :

Total No. of Questions : 10]

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BPF-2230

M.Sc. (Final) Examination, 2022

COMPUTER SCIENCE

(For Due & Imp. Students Only)

Paper - MCS-206 (C)

(Cyber Security)

Time : 3 Hours]

[Maximum Marks : 100

Note :- Attempt *five* questions in all, selecting *one* question from each Unit. All questions carry equal marks.

Unit-I

1. Define cyber crime. Explain the various cyber offences and attacks.
2. Write notes on the following :
 - (a) Cyber stalking
 - (b) Information security

Unit-II

3. What is Phishing ? Give an account on phishing toolkits.
4. Write detailed notes on the following :
 - (a) Steganography
 - (b) SQL injection

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Unit-III

5. What are the security challenges posed by mobile devices? Give any *two* solutions.
6. (a) What do you understand by Authentication Security Service ? Explain.
(b) Differentiate mishing, vishing and smishing.

Unit-IV

7. Explain why Indian IT Act is helpful in this cyber crime Era ? What are the main features of IT Act, 2000 ?
8. Write detailed notes on the following :
 - (a) Digital Signatures
 - (b) Anti-cyber crime strategies

Unit-V

9. What is Computer Forensics ? Explain its life cycle.
10. How OSI layers play role in computer forensics ? Explain.