

Roll No. :

Total No. of Questions : 11]

[Total No. of Printed Pages : 3

D-380

B.C.A. (Part-III) Examination, 2023

CYBER SECURITY

Paper - BCA-305 (A)

Time : 3 Hours]

[Maximum Marks : 70

Section-A

(Marks : 2 × 10 = 20)

Note :- Answer all *ten* questions (Answer limit **50** words). Each question carries **2** marks.

Section-B

(Marks : 4 × 5 = 20)

Note :- Answer all *five* questions. Each question has internal choice (Answer limit **200** words). Each question carries **4** marks.

Section-C

(Marks : 10 × 3 = 30)

Note :- Answer any *three* questions out of five (Answer limit **500** words). Each question carries **10** marks.

Section-A

1. (i) What do you mean by Cyber stalking ?
- (ii) Give an example of botnet.
- (iii) What do you mean by Phishing ?
- (iv) Give an example of DOS Attack.

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- (v) What do you understand by Smishing ?
- (vi) Give an example of attack on mobile phones.
- (vii) Can anybody use the scanned copy of signatures as digital signature ?
Justify your answer.
- (viii) What does Section 65 of Indian IT Act, 2000 say ?
- (ix) What is the main purpose of Anti-forensics ?
- (x) Give an example of computer forensics related to mobiles.

Section-B

2. Explain different categories of Cyber crime.

Or

Differentiate between a cyber crime and a conventional crime using examples.

3. Explain the working of a Phishing Toolkit.

Or

Explain any *two* methods for password cracking.

4. What kind of credit card frauds are very common these days ?

Or

How can a cyber criminal plan a cyber attack by having access to your Bluetooth ?

5. Explain the offences and punishments as per Section 66F of Indian IT Act, 2000.

Or

Explain the concept of cyber crisis management.

6. How can you collect digital evidences in Computer Forensics ? Explain.

Or

Explain the impact of steganography in Computer Forensics.

Section–C

7. Describe the classification of cyber crime using suitable examples.
8. Explain the different methods used to steal someone's identity in cyber crimes.
9. Explain the concept of Authentication security services in detail with examples.
10. What are the measures an organization should undertake as per Indian IT Act, 2000, in order to minimize the threats of cyber crimes ?
11. Explain different stages of computer forensics in detail.