

Parvatibai Chowgule College of Arts and Science
Autonomous

B.Voc. Semester End Examination, January/February 2022

Semester: I

Subject: Software Development

Title: General Component - Cyber Security

Duration: 2 Hours

Max. Marks: 60

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- Instructions:** 1. Question I is compulsory.
2. Answer **ANY FOUR** from Q. II to Q.VII
3. Figures to the right indicate full marks.
4. Draw diagrams wherever necessary.
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Q.1. Answer the following. **(4 * 3 = 12)**

- A. Explain HTTPS protocol in detail.
- B. Discuss Hacking of Computer System and Cyber Squatting.
- C. Write a short note on Internet Time theft and Web jacking.

Q.2. Answer the following. **(6 * 2 = 12)**

- A. With reference to Session Hijacking answer the following.
 - a. Methods to perform Session Hijacking.
 - b. Any two methods to prevent Session Hijacking.
- B. Discuss any six types of Social Media and give example of each type.

Q.3. Answer the following. **(6 * 2 = 12)**

- A. Discuss Coaxial cable and Fibre Optic cable transmission media.
- B. Discuss Mesh Topology and Star topology and compare their features.

Q.4. Answer the following. **(6 * 2 = 12)**

- A. Discuss LAN, MAN and WAN in detail.
- B. Explain Privacy Policy and Intellectual Property Rights.

Q.5. Answer the following. **(6 * 2 = 12)**

- A. What is meant by phishing? Discuss various techniques used by the information phishers.
- B. Write a short note on DOS attack laying emphasis on Ping of Death and SYN attacks .

Q.6. Answer the following. **(6 * 2 = 12)**

- A. What is meant by CERT. Discuss any five types of CERTs.
- B. Discuss the three main steps involved in forensic investigation.

P. T. O.

Q.7. Answer the following.

(6 * 2 = 12)

- A. Describe various steps that are needed to be taken by a victim of Cyber Stalking.
- B. List down any six steps to protect you personal data online.
