

April 2025
B.A./B.Sc.
Second Semester
MULTI-DISCIPLINARY COURSE – 2
COMPUTER SCIENCE
Course Code: CSO 2.11
(Cyber Security Fundamentals)

Total Mark: 25

Pass Mark: 10

Time: 1 hour

I. Answer two questions, taking one from each unit.

UNIT I

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| 1. (a) What is meant by information security? | 1 |
| (b) Describe the CIA triad of information security. | 3 |
| (c) Explain six common threats in information security. | 6 |
| 2. (a) What is a hacker? Discuss the different types of hackers. | 1+3=4 |
| (b) List and describe six different types of cybercrimes. | 6 |

UNIT II

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| 3. (a) Write and explain any four consequences of cybercrime. | 4 |
| (b) What is a malicious software? Explain any five types of malicious software. | 1+5=6 |
| 4. (a) List and explain any five authentication methods. | 5 |
| (b) What are the benefits of using a genuine software? | 5 |

II. Answer any one of the following questions.

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| 5. Write any five red flags to look out for online. | 5 |
| 6. What are the key features of an antivirus software? | 5 |
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