

SARASWAT EDUCATION SOCIETY'S
SRIDORA CACULO COLLEGE OF COMMERCE & MANAGEMENT STUDIES
KHORLIM, MAPUSA – GOA

F.Y. B.COM SECOND SEMESTER END ASSESSMENT, APRIL 2026

(MC) CSC-133 CYBER SECURITY ESSENTIALS

(Under NEP 2020 W.E.F. Academic Year 2023-24)

Printed pages: 02

Duration: 2 HOURS

TOTAL MARKS: 60 MARKS

Instructions:

- i) All questions are compulsory, and figures to the right indicate full marks.
- ii) Questions of 2 marks to be answered in not more than 40 words.
- iii) Questions of 3 marks to be answered in not more than 60 words.
- iv) Questions of 5 marks to be answered in not more than 100 words.

Q.1) Explain the following briefly: -

(6 × 2 Marks)

- i) Cyberspace
- ii) Social media platform
- iii) Social engineering attack
- iv) Aadhar Enabled Payment Services
- v) Security patch management
- vi) IT Act 2000

Q.2 A) i) Explain any four issues and challenges related to social media platforms.

(4)

ii) What is meant by digital payment?

(1)

OR

Q.2 A) iii) Explain social media privacy and any two best practices for maintaining privacy on social media.

(4)

iv) Name one common fraud related to digital payments.

(1)

Q.2 B) i) List and briefly describe five different types of social media.

(5)

ii) What is the main role of antivirus ?

(2)

Q.3 A) i) Briefly describe two types of cybercrimes targeting computers & mobiles.

(3)

ii) What does the term “viral content” mean?

(2)

OR

Q.3 A) iii) Summarize the typical *modus operandi* used by cybercriminals in financial frauds.

(3)

iv) Describe one challenge faced by users on online social networks.

(2)

- Q.3 B) i) Explain how digital payment systems work, with their key components and stakeholders. (5)
- ii) Explain in simple terms why a password-protected Wi-Fi network is safer than open network. (2)

- Q.4 A) i) What are malware and ransomware attacks? Briefly explain their impact on a system. (3)
- ii) Mention two best practice for ensuring E-Commerce security. (2)

OR

- Q. 4 A) iii) What is the significance of reporting cybercrimes promptly? Briefly outline two benefits of doing so. (3)
- iv) Identify two key stakeholders involved in a digital payment transaction. (2)

- Q.4 B) i) Describe how a strong password policy improves device security. (5)
- ii) If you want to report inappropriate content on a social media platform, what general steps would you follow? (2)

- Q.5 A) i) A user receives a suspicious message asking for their UPI PIN. Based on your understanding of digital payment frauds, outline the steps the user should take to protect themselves. (3)
- ii) Describe one important data backup practice and explain how it helps in case of accidental data deletion. (2)

OR

- iii) An E-Commerce website experiences a data breach exposing customer information. Based on E-Commerce security best practices, recommend three measures the company should implement immediately. (3)
- iv) A user's mobile phone is running slowly due to outdated software. Briefly explain one immediate step they should take and why it is important for security. (2)

- Q.5 B) i) If someone becomes a victim of online harassment in India, explain the steps they should take to report the incident. Mention at least one relevant organization they can contact. (5)
- ii) Give an example of how a business can use social media marketing to promote its products. (2)