



ST. FRANCIS DE SALES COLLEGE

A FRANSALIAN INSTITUTE OF HIGHER EDUCATION **AUTONOMOUS**

NAAC A GRADE • AFFILIATED TO BANGALORE UNIVERSITY • AICTE APPROVED • 2(F) & 12 (B) RECOGNITION OF UGC • ISO 9001:2015 CERTIFIED
Electronics City P.O., Bengaluru - 560 100, Karnataka, INDIA ☎ (+91) 8088140679 ✉ pro@sfscollege.in 🌐 www.sfscollege.in

END SEMESTER EXAMINATION – NOV/DEC 2025

COMPUTER SCIENCE – III SEMESTER BCA/BSC/BA

25CAS3X – COMPUTER APPLICATIONS

Time: 1 Hour 30 Minutes

Max. Marks: 40

Instruction: Answer should be written completely in English

SECTION - A

Answer any **TWO** questions. Each question carries **TWO** marks.

(2X2=4)

1. List two mobile operating systems.
2. How does a firewall contribute to network security?
3. Why are digital footprints considered a potential privacy risk?
4. What are the steps involved in creating a hotspot on a mobile phone and allowing others to connect?

SECTION - B

Answer any **FOUR** questions. Each question carries **FIVE** marks.

(4X5=20)

5. Examine how operating system updates impact system performance and security.
6. Describe any five types of computer networks. Provide one example for each.
7. How does the Domain Name System (DNS) simplify internet usage? Explain its working with an example.
8. What are the advantages of using cloud storage services such as Google Drive and OneDrive?
9. Evaluate the influence of digital society and netizenship on communication, culture, and behaviour in the modern world.
10. Explain in detail how to create a chart in a spreadsheet that visually represents monthly expenses.

SECTION - C

Answer any **TWO** questions. Each question carries **EIGHT** marks.

(2X8=16)

11. Explain the types of user interfaces with suitable examples.
12. Describe the relationship between the Internet, the Web, and the Internet of Things (IoT).
13. Describe the various societal impacts of digital technology, focusing on digital footprints, data protection, and health impacts.
14. Write the steps to create a Google Form, add questions, and send it to multiple users.

