



Seat No. _____

BACHELOR OF SCIENCE (INFO. & TECH.) Examination
BSCIT Semester - 3 DECEMBER 2024 (Regular) DECEMBER - 2024

CS-19: OPEN SOURCE TOOLS

Faculty Code : 003

Subject Code : 23SIT-AE-03-03005

Time : 1 Hours]

[Total Marks : 25

- Q.1 (A) what is open source software ? Explain Key characteristics and principles of open source software. 5
- Q.1 (B) Explain Contracts & Licenses and related issues of open source licencing. 5
- OR
- Q.1 (A) Explain Open source licensing rights and responsibilities of users and developers. 5
- Q.1 (B) Explain applications of open sources. 5
- Q.2 (A) What is version control system? Explain types of version control system. 5
- Q.2 (B) Explain Git fundamentals, repositories, commits, branches and merges. 5
- OR
- Q.2 (A) Explain project management methodology(agile) in detail. 5
- Q.2 (B) Explain contribution to open source project - issue tracking, pull requests, code reviews. 5
- Q.3 Explain case studies on Apache operating system. 5
- OR
- Q.3 3.Explain case study on linux operating system. 5

