



24CS-BCAP-AE-03-03001

Seat
No.

BACHELOR OF COMPUTER APPLICATION-CSE Examination
BCASEMESTER-3 NOVEMBER 2025 (NEP) NOVEMBER-2025

CS-19: OPENSOURCE TOOLS

Faculty Code : 017

Subject Code : 24CS-BCAP-AE-03-03001

Time : 1 Hours]

[Total Marks : 25

- Q.1 Attempt any two of the following. 10
- (1) What is open source software? Explain principles and application of open source software.
 - (2) What is open source licenses? Explain type of licensing.
 - (3) What is licenses and contracts ? Explain contract and license related issues for Open source .
 - (4) Explain ubuntu operating system in detail.
- Q.2 Attempt any two of the following. 10
- (1) What is version control system? Explain types of version control system.
 - (2) Explain Git fundamentals, repositories, commits, branches and merges.
 - (3) Explain trello for project planning, task tracking and team collaboration.
 - (4) Explain issue tracking, pull requests, code reviews.
- Q.3 Attempt any one of the following. 5
- (1) Explain Apache any 3 case studies on it.
 - (2) Explain Linux and any 3 case studies on it.

