



Seat No. _____

BACHELOR OF COMPUTER APPLICATION Examination
BCA Semester - 3 DECEMBER 2024 (Regular) DECEMBER - 2024

CS-19: OPEN SOURCE TOOLS

Faculty Code : 003

Subject Code : 23SI-BCAP-AE-03-03005

Time : 1 Hours]

[Total Marks : 25

Q.1 (A) What is OSS? Explain principles and history of OSS.

5

Q.1 (B) Explain Open source license with its type.

5

OR

Q.1 (A) List and explain Rights and responsibilities of users and developers under open-source licenses.

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Q.1 (B) Write note on Fedora and Ubuntu.

5

Q.2 (A) Explain Git and its version control system.

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Q.2 (B) Explain Git fundamentals, repositories, commits, branches and merges.

5

OR

Q.2 (A) What is Agile? Explain Key principles of Agile.

5

Q.2 (B) Explain Issue Tracking, Pull Requests, Code reviews.

5

Q.3 Explain Apache and any 2 case studies on it.

5

OR

Q.3 Explain Linux and any 2 case studies on it.

5

