



**SEAI – 402**

**IV Semester All UG Courses Degree Examination, July/August 2024**  
**(NEP Scheme)**  
**(Freshers & Repeaters)**  
**COMPUTER APPLICATIONS**  
**SEC – 4 : Open Source Tools**

Time : 1½ Hours

Max. Marks : 30

**Instruction :** Answer *all* the Sections.

**SECTION – A**

- I. Answer **any five** questions. **Each** question carries **two** marks. **(5×2=10)**
- 1) What is proprietary software ?
  - 2) Define FOSS and list any two characteristics.
  - 3) Define LGPL.
  - 4) What is staging in GIT ?
  - 5) Define Bitbucket.
  - 6) What is GNU compiler collection ?
  - 7) What is Wikipedia ?
  - 8) Define Bootstrap.

**SECTION – B**

- II. Answer **any 5** questions. **Each** question carries **4** marks. **(5×4=20)**
- 9) What is Fedora ? List 2 key aspects of Fedora.
  - 10) Explain any four principles of the open-source software.
  - 11) List the advantages of open-source software.
  - 12) Explain use case diagram with an example.
  - 13) Explain version control and list 2 key features.
  - 14) Differentiate between Bugzilla and Trac.
  - 15) Write a short note on BSD and FSF.
  - 16) What is Joomla ? List the advantages and disadvantages.
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