Reg. No. ☐☐☐☐☐☐☐☐☐☐☐☐

BCAOSSN 301

Third Semester B.C.A. Degree Examination, December 2023/January 2024
(NEP – 2020)
(2022 – 23 Batch Onwards)
OPEN SOURCE TOOLS
(Skill Enhancement Course)

Time : 2 Hours

Max. Marks : 30

Note : Answer **all** questions from Part – **A** and **any one full** question from **each** Module of Part – **B**.

PART – A   (12×1=12)

1. a) Give four examples for open source.
   b) Expand BSD and MIT.
   c) What is freeware software ?
   d) Give two examples for free software.
   e) Write any two differences between proprietary and open source licensing model.
   f) List any four participants in OSS development projects.
   g) What is bug tracker ?
   h) List any four versions of BSD.
   i) Define Patent.
   j) Write any two features of Joomla.
   k) What are the different Mozilla Projects ?
   l) Write any two features of Open Office.

PART – B

Module – 1

2. a) Explain four freedoms which define free software.
   b) Write a note on free software foundation and GNU Project.   (3+3)

3. a) What are the open standards requirements for software ? Explain.
   b) What is public domain ? Explain.   (3+3)

P.T.O.

Module – 2

4. a) List and explain the tools used for open source development.

   b) What is Copyright ? Explain.   (3+3)

5. a) Explain GPL, LGPL, Apache license and BSD license.

   b) Write a note on software engineering methodology.   (3+3)

Module – 3

6. a) How Wikipedia works ? Explain.

   b) Write a note on Apache.   (3+3)

7. a) What is Mozilla Firefox ? Explain.

   b) What are the components of open office ? Explain.   (3+3)

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