

- Note :**
- 1) All Questions are compulsory.
 - 2) Figures to the right indicate full marks.
 - 3) Illustrations, in-depth answers and diagrams will be appreciated.
 - 4) Mixing of sub-questions is not allowed.
 - 5) Assume suitable data wherever required.

Q.1. Attempt All (Each of 5 Marks)

15
5

a. Multiple choice questions :

- 1) _____ is example of closed source software.
 - a) Joomla
 - b) MySQL
 - c) Python
 - d) Microsoft Office
- 2) LGPL stands for
 - a) Library General Public License
 - b) Lesser General Public License
 - c) Level General Public License
 - d) Linking General Public License
- 3) _____ is the founder of FSF.
 - a) Richard Stallman
 - b) Ken Thomson
 - c) Dennis Ritchie
 - d) All of these
- 4) _____ is a form of licensing in which an author surrenders some but not all rights under copyright law.
 - a) Copydown
 - b) License
 - c) Copyleft
 - d) Patent
- 5) FOSS stands for _____.
 - a) Fixed Open Source Software
 - b) Freedom Open Source Software
 - c) Free Open Source Software
 - d) Final Open Source Software

b) Fill in the blanks.

5

- 1) _____ is a compiler system produced by GNU project.
- 2) _____ is a free and open source content management which is based on PHP and MySQL
- 3) _____ is open source mobile operating system.
- 4) _____ software is software in which source code is available to changes or modification for everyone.
- 5) _____ is free, open source software which is used to create and manage many types of websites.

c) Short Answers

5

- 1) Define shared software
- 2) What is public domain software?
- 3) What is License?
- 4) Define Copyleft.
- 5) What is LAMP?

Q.2. Attempt the following (Any Three)

15

- 1) Describe Open Source Development Model.
- 2) Write the difference between open source and closed source software.
- 3) Write a note on Apache License.
- 4) Write the initiatives of Open Source Software.
- 5) Write a short note on Software freedom.

Q.3. Attempt the following (Any three)

- 1) What is Mozilla? Write short note on Mozilla.
- 2) What is Android? Explain.
- 3) Describe GCC. Explain its features.
- 4) Write a short note on Open Source Hardware.
- 5) Explain how to contribute to Wikipedia.
- 6) What is GNU/Linux. Explain in detail.

15

Q.4. Attempt the following. (Any Three)

- 1) What is free BSD. Write features of free BSD.
- 2) Write a short note on : Open Solaris
- 3) What is virtualization technology?
- 4) Write a short note on Debugger.
- 5) Describe some open source database technologies.
- 6) Write a short note on Docker.

15

Q.5. Attempt the following (Any three)

- 1) Explain copyright.
- 2) Write a note on BSD License
- 3) What is Open Source Media?
- 4) What is Open Source Teaching?
- 5) Write a note on Integrated Development Environment (IDE).
- 6) Write a short note on Open Source Design?

15
