

Q.P. Code: 00005475

Time:2:30 Hrs

Marks:75

Please check whether you have got the right question paper.

- N.B: 1. All question are compulsory.
2. Figure to the right indicate full marks.

Q.1 Attempt any four of the following.

20

- A. Explain Free Software and its four essential freedoms?
- B. Write a note on Copyright and Copyleft.
- C. Differentiate between open source software and closed source software.
- D. What is License? Explain GNU General Public License and The Apache License?
- E. What are the advantages of open-source software in Government?
- F. Differentiate between Free Software and Open-Source Software.

Q.2 Attempt any four of the following.

20

- A. What is the Android Operating System? Explain any two versions of it?
- B. What are the advantages and disadvantages of GNU GPL License?
- C. What are mode of funding for Open Source Software?
- D. Which are the conditions for success of Firefox?
- E. Write a note on Drupal.
- F. Explain GitHub open source software?

Q.3 Attempt any four of the following.

20

- A. What is Open Solaris? What are the features of Solaris?
- B. Explain types of open-source Virtualization technologies?
- C. What is LAMP Stack? What are four components of LAMP Stack?
- D. What is Docker? Explain components of Docker?
- E. Explain types of open source database technologies?
- F. Write a note on free BSD.

Q.4 Attempt any three of the following.

15

- A. Write note on Public Domain Software.
- B. Explain GNU Project
- C. What are the Principles of Open Source Software?
- D. Explain Android architecture with diagram?
- E. Which are the development tools for open source technology?
- F. What is Container management Software? Explain Amazon Elastic Container service and Google Kubernetes Engine?
