

[Time:2.30 Hrs]

[Marks:75]

Please check whether you have got the right question paper.

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

Q.1 Attempt **any four** of the following. 20

- A. Differentiate between Free Software and Open-Source Software.
- B. What is a Public domain software?
- C. What is GPL and explain the GNU project?
- D. Explain the principles and methodology of the opensource
- E. List and explain the FOSS licenses in details?
- F. What is patents economics of FOSS?

Q.2 Attempt **any four** of the following. 20

- A. What is android operating system? Explain its versions.
- B. Explain GCC in detail.
- C. What is Github? Describe in detail.
- D. What is Open Source Hardware?
- E. What is Open source media?
- F. Explain an Open-Source-Software-based License in detail.

Q.3 Attempt any four of the following. 20

- A. What is FreeBSD? Explain in detail.
- B. What is Open Solaris? Explain the features of Solaris.
- C. What is Container Management Software?
- D. What is LAMP?
- E. What is open-source database software?
- F. What is MySQL?

Q.4 Attempt any three of the following. 15

- A. What are copyrights and copyleft?
- B. What is internationalization? Explain in detail.
- C. What is "Wikipedia"?
- D. What is "Mozilla (Firefox)"?
- E. Explain the features & capabilities Open-Source Database Software?
- F. What is MariaDB Server?
