Note:-   1) All questions are compulsory

                2) All questions carry equal marks

                3) Figures to the right indicate maximum marks.

Q.1 Attempt any four of the following: (each of 5 marks)   **(20 M)**

1) Explain the concept of copy left.

2) What is apache license?

3) What is an open office?

4) Differentiate between free software and open source software.

5) Write short note on free software.

6) Write use of open source software.

Q.2) Attempt any four of the following: (each of 5 marks)   **(20 M)**

1) Explain social and financial effect of open source technology.

2) Write short note on open source design.

3) Describe communication and etiquettes.

4) What is open source media?

5) Write short note on testing open source code.

6) How student can get started contributing to open source software project?

Q.3) Attempt any four of the following: (each of 5 marks)   **(20 M)**

1) What is virtualization?

2) Write short note on android.

3) Explain IDE.

4) What are development tools? Explain it.

5) Describe any open source database technologies.

6) Explain apache web server?

Q.4) Attempt any three of the following: (each of 5 marks)   **(15 M)**

1) What is open source ethics?

2) Differentiate between open sources vs. proprietary licensing model.

3) Write advantages and disadvantages of internationalization.

4) Write short note on income generation opportunities.

5) Write the principle of open source software.

6) Briefly describe philosophy of open source.

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