TITLE :-BASIC UNDERSTANDING ON FREE AND OPEN-SOURCE SOFTWARE.

a) Describe Open - Source Software with Example.

Open - Source Software   :- Open-source software (OSS) is software that is distributed with its source code, making it available for use, modification, and distribution with its original rights. Source code is the part of software that most computer users don't ever see; it's the code computer programmers manipulate to control how a program or application behaves. Programmers who have access to source code can change a program by adding to it, changing it, or fixing parts of it that aren't working properly. OSS typically includes a license that allows programmers to modify the software to best fit their needs and control how the software can be distributed.

  Example :- GNU/LINUX, Mozilla Firefox, VLC media player, SugarCRM, Apache web server, LibreOffice.

B) Describe Free Software with Example.

Free Software: - Free software (or libre software) is computer software distributed under terms that allow users to run the software for any purpose as well as to study, change, and distribute it and any adapted versions. Free software is a matter of liberty, not price; all users are legally free to do what they want with their copies of a free software (including profiting from them) regardless of how much is paid to obtain the program. Computer programs are deemed "free" if they give end-users (not just the developer) ultimate control over the software and, subsequently, over their devices.

Example :- The BSD and Linux Operating systems, Linux kernel, The GNU Compiler Collection and C library, The MySQL Relational Database.

C) Different between Free and Open – Source Software.

Free Software	Open – Source Software
1) Software is an important part of people's lives.	1) Software is just software . There are no ethics associated directly to it.
2) Software freedom translates to social freedom.	2) Ethics are to be associated to the people not to the software .
3) Freedom is a value that is more important than any economical advantage.	3) Freedom is not an absolute concept. Freedom should be allowed, not imposed.
4) Free source is a social movement.	4) Open Source is a development methodology.
5) It is good for morality of society.	5) It is very good for your business.
6) But all free software does not come under open-source terminology.	6)All OSS comes under free software terminology.