Assignment.

Q.1

Ans -

S.R	Free Source	Open Source
1)	Free software means a software that gives freedom and community to users. Users can run, copy, distribute etc...	Open source is something which you can modify as per your needs, share with others without licensing
2)	Software is an Important part of people's lines.	Ethics are to be associated to the people not the software.
3)	Software freedom translate to social freedom.	Software is just a software no ethics associated directly to it.
4)	Freedom is a value that is more important than any economical advantages	Freedom is not absolute concept. freedom should be allowed not imposed.
5)	Ex: The free software directory maintains a large database of free software package. Linux etc.	Ex: prime examples are apache HTTP seever, e-commerce platform.

Q2

Ans – The Application of "Green Computing" refers to the adoption of a sustainable business landscape in designing, manufacture, use and disposal of various resources related to information Technology Green computing is ess

Significance

1) The significance of Green Technology and its approaches lie in lesser usage of IT services and the corresponding increase in energy consumption and carbon emissions.

2) In turn it has disastrous ramifications on the health and livelihood of people and environment.

3) The energy demand of the IT sector is estimated to grow by 50 percent by 2030 and the consequent emissions by 20 percent.

Q.3

Ans – Github:

1) Github is a code hosting, platforms for collaboration and version cont.

2) It lets you (and other) works together on projects.

ADVANTAGES:

1) It makes it easy to contribute to your open source project.

2) Prack changes in your code accross various

3) Can be used (anywhere with anybody) Creating a repository.

1) Go to drop-down menu/select new repository.

2) Name for repository.

3) description.

4) visibility.

5) Initialize this repository with a README.

6) Click create.

cloning a repository

1) from repo click + in the Global sidebar and select clone this repository under get to work.

2) Copy the clone and (either the SSH formate format or the HTTPS)

3) from a terminal, change ~~the~~ ~~SSH~~ to local directory when you want to clone you repository.

4) paste the command you copied.

Q4

Ans - Tools :-

A tool can be anything digital or manual as well - for example when a professional easy writer uses application such as refering generator and word count tools to prefect the paper; then the resources used are termed as tools.

Technologies :

Technologies is basically the discipline that deals with the act and science of applying scientific to enchance and streamline the process of manufacating and producing a particular item.

Q5

Ans - Google meet.

A video - communication service developed by google it is one of 2 apps that constitute the replacement for Google hangouts;

FEATURES :

1) unlimited no. of meetings.
2) line captioning during meetings.
3) compatible across denies.
4) video and audio preview screen.
5) Adjustable layouts / screen settings.
6) controls for meeting hosts.
7) screen sharing with participants.
8) message with participants etc...

working :

On both the meet mobile app / computer simply pull up google meet / click or tap "use a meeting" enter it.

for education :

They can create a unique meet link for each class. Praticipants can't rejoin nickname meetings once the final participant has left on home prinileges. Teacher can admit students.

Remaning Points :

free ← sources → open

a) freedom of
Software

a) Technological advancements and economic advantage gained by co-opreation in software development.

b) sharing source code.

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c) Optional.

c) source code can be modify.

d) GNO public license.

d) BSD - Style licenses.

e) freedom of Information

e) Better Quality software.

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