✸ Societal Impacts $\quad$ 10 Marks

✦ Digital Footprint

Q) What is digital footprint? Why is it important to have positive digital footprint?

→ Any activity carried out on the internet makes the digital footprint of a user. For eg - browsing activity, video uploaded by the user, etc.

or

Digital footprints are the records and traces of individual activity as they use the internet. ~~Digital~~ Digital footprints are permanently stored

The digital footprint used by the future employeer & law enforcement officer to find the people with positive & clean digital footprints

✦ Netiquettes
↓ $\qquad$ ↓

Net Etiquettes

It refer to online __manners__ while using internet.

↳ Refrain from personal abuse
↳ Dont post copyright material to which you do not own the right

4 | Ethical issue

a) Intellectual Property Rights (IPR)

Any piece of information is created with lot of efforts, time & cost. The creator of the information is the real owner of the information and owner has every right to protect his/her intellectual property.

Ways
- Copyright
- Patent
- Trademark

Copyright
The copy right owner has the following rights:

① the authority to keep or transfer to an individual/group of individuals

Copyright Infringement

The use of copyright protected material without the permission of copyright holder

Patent

Patent is a grant of exclusive right by the government

Trademark

A word, phrase, symbol, dsi design that identify and distinguish one party from the product of one party from other party.

1mrks → b) Digital Property rights

Digital Property refer to any information about you or created by you that exist in digital form either online or offline (storage device)

Threats

software
→ Digital, Penetration tools (use होगा)
→ Plagerism

c) Plagerism

c) Plagiarism

→ The stealing someone else's intellectual work and representing it as your own work without mentioning the source of information

→ copyright not necessary for plagiarism

d) Free Software

→ The software is freely accessible & can be freely used, ~~for~~ changed, improved and redistributed

e) Open Source Software

→ Free software can be freely used (in terms of making modification etc) But it does not have to be free. Companies can recieve payments concerning support, further development.

Q) f) # What is Licence

→ The permission given to use a product by the copyright holder

MCQ

g) Cyber crime

Any criminal offence that is facilated by or ~~involves~~ ~~the~~ involves the use of electronic device / computer / on the internet is refered to as cyber crime

h) Hacking

→ gaining unauthorised access to ~~som~~ a network or a digital file ~~us~~ ~~refer to gai~~ with the intention to ~~se~~ steal / manipulate or to install malware.

         ↓
     kind of hardware

i) Spoofing

→ refer to malpractice which communication is sent from an ~~unkow~~ unknown source disguised source to a trusted source

→ अपनी identity छुपा के किसी से बात करना यह बोलके की हम 'कोई न जाने वाले' है।

~~Phish~~

j) Phishing

The practice of ~~atten~~ attempting to ~~require sentif~~ sensitive information over the internet by means of deception (धोखा देना)

k) Cyber Trolling

~~Derodagatory~~ msg
Derogatory posting online targeting people are called cyber Trolling.

l) Cyber bullying

Harassing, embarasing, ~~deming~~ demining someone using online Technology is known as cyber bullying

m) Cyber stalking

This is a kind of online Harrasment. For eg: To collect all personal information about the victim such as name, address, date of birth, phone no.

n) <u>Scam</u>: Any business practice that abstract money from an innocent or unsuspected person is called scam.

o) <u>Cyber law</u> Indian I.T. Act 2008.
   It is a way to provide legal recognition to do e-commerce and to facilitate filing of electronic records with the government.

100% chance

p) <u>E-waste management</u>

a) Berillium is a harmful chemical ~~gas~~ gases which causes skin cancer, U.V. radiation from e-waste when it is burnt.

q) <u>Computer virus</u> - The code that causes ~~and~~ damage to the data system and file of the system.

r) <u>Spyware</u> - For spy purposes

s) <u>Adware</u> - for advertisment purpose

t) <u>Spamming</u> - refer to the sending of bulk mail by an identification or unidentified source

~~Eves dropping~~ - unauthorised monitoring of

u) **Eves dropping** - unauthorised monitoring of other people communication or conversation.

cookies

v) **cookies** - They are small file created on client computer when their system browing certain websites. These cookies can contain information about the user browsing activity

w) **Firewall** - It is a network security security system that controls incoming and outgoing network traffic based on a set of rules.