Ch 7. **The Working of the Internet** – Online class19 (13.11.20)

1. **Organisations for the structural monitoring of the Internet**

   a) The Internet Society –For the overall supervision of the structure of the Internet policies and other common matters

   b) The Internet Engineering Task Force (IETF) –
   This committee manages the technical structure of the Internet and makes arrangements for the stability and safety of the Internet, etc. Further, it examines and accords recognition to the revision of the Internet protocols.

   c) The Internet Corporation for Assigned Names and Numbers (ICANN) – The Domain Name System (DNS) works under the supervision of this committee. It ensures that all Internet addresses reach their proper IP addresses.

2. **Some services available on the Internet**

   a) E-Mail - letters which can be exchanged using the global computer network

3. **E-mail service providers**

   Gmail, Yahoo, Hotmail

4. **Social Media**

   1. Facebook   2. Twitter   3. Diaspora   4. Whatsapp

5. An open source communication system among the social media - Diaspora

6. **E-banking**

   E-banking means conducting the transactions of a bank account through a website specifically built for the purpose

7. **Advantages of E - banking**

   ■ We can find out the details of the account from any place at any time

   ■ We can examine our recent transactions in a similar manner.

   ■ We can transfer money to another account.

   ■ Pay for things or services that we have bought.

8. **OTP (One Time Password)**

   To ensure security when making online transactions, a password is sent to our phone from the bank that can only be used for that transaction. This is OTP

9. **E-Governance**

Government services provided through the Internet are called e-governance

10. **Things to be remembered while using the social media**

- What has been posted once cannot be taken back later on a second thought. Even before that is withdrawn, many people would have downloaded it or shared it with a number of people.

- Keep your personal information quite private. If anyone prompts you to share your personal pictures or other information, never yield to it.

- If any disaster happens in our locality we are not supposed to share any fearful or fake messages regarding them. It is offensive to create and forward fake messages. Strictly follow the instructions given by the Government through various media.

- Making vulgar messages and bullying are crimes as per law. Don't get into such friendships.

- Bear in mind that those who commit cyber crimes cannot remain hidden for ever. They don't get noticed in this huge network for a brief period only. If anyone reports such activities, the cyber police can easily track them down.

- Profiles that are put up in social media may sometimes be stolen. Someone else may use your profile to hide his/her identity. It could also be used to defame someone. If something like this comes to your notice, you can inform the police through your teacher and get them removed.

- Make maximum use of the safety systems in them and definitely configure privacy measures.

- Do not add as friends anyone you don't know personally or trust. Remember what they reveal through the social media may not be their real self or character.

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