

Topic:-Ethics and Computing**Teacher- Prabhdeep Kaur****Multiple Choice Questions:****1 The term IPR stands for:**

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|---------------------------------|------------------------------------|
| 1. Intellectual Property Rights | 2. Intellectual Performance Rights |
| 3. Individual Property Rights | 4. Individual Performance Rights |

Ans-Intellectual Property Rights**2 IPR applies to:**

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|---------------|------------|---------------|-----------------|
| 1. Trademarks | 2. Patents | 3. Copyrights | 4. All of these |
|---------------|------------|---------------|-----------------|

Ans-All of these**3 Privacy of data can be breached by disclosing information pertaining to:**

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|---------------------|-----------------------|------------------------------------|
| 1. Personal details | 2. Healthcare records | 3. Criminal justice investigations |
| 4. All of these | | |

Ans- All of these**4 Which of the following is not a form of software piracy?**

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|-----------------|-------------------|----------------------|---------------|
| 1. Soft lifting | 2. Counterfeiting | 3. Hard Disk Loading | 4. Encrypting |
|-----------------|-------------------|----------------------|---------------|

Ans- Encrypting**5 The right to decide how much personal information you want to communicate with others is known as:**

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|--------------|--------------|------------|-------------------------|
| 1. Copyright | 2. Trademark | 3. Privacy | 4. Information Security |
|--------------|--------------|------------|-------------------------|

Ans-Privacy**6 The unsolicited emails and attractive advertisements are collectively known as:**

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|---------|----------|------------|-----------|
| 1. Spam | 2. Virus | 3. Hacking | 4. Patent |
|---------|----------|------------|-----------|

Ans- Spam**7 The right which is concerned with the design and algorithm of the product rather than the entire product is called:**

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|--------------|-----------|--------------|------------------------|
| 1. Copyright | 2. Patent | 3. Trademark | 4. Data Protection Law |
|--------------|-----------|--------------|------------------------|

Ans- Patent**8 Hacking a web server or taking control of another person's website is called:**

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|---------------|------------------|-----------------|-----------------|
| 1. Web Hiking | 2. Web Hijacking | 3. Web Crawling | 4. Web Cracking |
|---------------|------------------|-----------------|-----------------|

Ans- Web Hijacking**9 Which one of the following is a cybercrime?**

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|-------------------|--------------------|------------------|-----------------|
| 1. Cyber stalking | 2. Cyber espionage | 3. Cyber warfare | 4. All of these |
|-------------------|--------------------|------------------|-----------------|

Ans-All of these**10 involves an attack coupled with a demand for money to stop further attacks.**

- | | | | |
|-------------------|--------------------|--------------------|------------------|
| 1. Cyber stalking | 2. Cyber espionage | 3. Cyber Extortion | 4. Cyber warfare |
|-------------------|--------------------|--------------------|------------------|

Ans- Cyber Extortion**11 Pick the cybercrime in which the attacker harasses a victim by using the electronic communication.**

- | | | | |
|-------------------|--------------------|--------------------|------------------|
| 1. Cyber stalking | 2. Cyber Extortion | 3. Cyber espionage | 4. Cyber warfare |
|-------------------|--------------------|--------------------|------------------|

Ans-Cyber stalking

Questions-Answer**Q1 Explain what are computer ethics?**

Ans-Computer ethics involves the code of conduct to use Information Technology in a responsible way. It fulfills the requirements of an individual user without manipulating or destroying the data of any other user. Therefore, all the computer users must follow computer ethics.

Q2 What are the major ethical issues in the field of computing?

Ans-The major ethical issues in the field of computing are as follows:

1. Data privacy
2. Spam
3. Software Piracy
4. Cybercrimes
5. Hacking

Q3 What is hacking? How does it harm a computer and an organisation?

Ans- Hacking refers to an illegal intrusion into a computer system or network. Hacking leads to breaking passwords, stealing valuable data, installing viruses, encrypting computer hard disks and demanding ransom money. If someone hacks an organization, that individual can steal sensitive data such as documentation of business processes and trade secrets or contact information for employees and customers.

Q4 What are ethical hackers? What do they do?

Ans- The people who are involved in hacking activities with the goal of improving security are known as ethical hackers. They use ethical hacking for a good cause such as national security or to stop crimes and fraud.

Q5 Why should we control software piracy?

Ans- We should control software piracy because of the following reasons:

1. It is unethical.
2. It costs government, businesses and individuals a lot of money.
3. It increases the chances of cyber security attacks.
4. It makes businesses less productive.

Q6 What are spams? How do they affect our life?

Ans- Spams are unwanted bulk emails that come from unsolicited sources. Spam is a serious security concern as it can be used to deliver Trojan Horses, Viruses, Worms, Spyware, and organise targeted phishing attacks. Sometimes, spam attackers keep sending bulk emails till the email server is out of disk space.

Q7 Describe various types of cyber-crimes prevalent these days.

Ans- Cyber-crimes can be broadly classified into the following categories:

1. **Cyber stalking** — It is a crime in which the attacker harasses a victim by using electronic communication, such as an e-mail, instant messaging, or messages posted to a website or a discussion group.
2. **Cyber bullying** — It is an act of harming or harassing using information technology in a deliberate manner.

3. **Cyber espionage** — It is the practice of using information technology to obtain secret information without permission from its owners or holders.
4. **Cyber warfare** — It involves the use of information technology by a nation to penetrate another nation's networks to cause damage or disruption.
5. **Cyber terrorism** — Cyber terrorism is the act of conducting terrorism through the use of computers and the internet in order to cause fear and panic.
6. **Cyber Extortion** — It is a crime that involves an attack coupled with a demand for money to stop further attacks.
7. **Sexting** — Sexting means sending or forwarding exposed, sexual material to others without taking their consent.

Q8 What Netiquettes do you need to follow when using a social networking site like Twitter?

Ans- We should use the following netiquettes while using a social networking site:

1. Avoid using inflammatory or offensive language, and respect other people's opinions, even if you disagree with them.
2. Avoid sarcasm as the other person may misinterpret it.
3. Avoid the overuse of emoticons.
4. Do not spam and do not use automated scripts or bots to post repetitive content.
5. Avoid the overuse of hash tags as it can make the posts difficult to read.
6. Respect privacy.
7. Respect everyone's cultures and diversity.
8. Never write the entire message in capital letters.