

NPTEL CYBER SECURITY PRIVACY
Assignment week 1

1. A malicious email attack targeting a specific user or group of users, appearing to originate from a trusted source is:
 1. **Spear Phishing**
 2. Man in the Middle Attack
 3. Smurf Attack
 4. Social media phishing

2. A malicious attack where hackers encrypt an organization's data and demand payment to restore access is known as:
 1. Spyware
 2. **Ransomware**
 3. Whaling
 4. Watering hole attack

3. Which of the following characteristics are most likely to be found in a phishing email?
 1. Sense of urgency and immediate action requests.
 2. Unusual or inappropriate requests
 3. Incorrect sender name or email address.
 4. **All of the above.**

5. From a managerial perspective, Information Security is generally understood as a:
 1. Product
 2. Technology
 3. Process
 4. **Product, Technology and Process**

6. The practice of keeping an organization's network infrastructure secure from unauthorized access is known as:
 1. Data Security
 2. **Network Security**
 3. Information Security
 4. Operations Security

7. Which of the following statements most accurately reflects the complex role of technology in cybersecurity?
 1. Technology acts as both a source of threats and a tool for defense.
 2. Technology is solely a source of threats and vulnerabilities.
 3. **Technology plays a triple role: source of threats, asset to protect, and defense weapon.**
 4. Technology solely serves as a defense weapon against cyberattacks.

8. _____ is a manipulation technique that exploits human weakness to gain private information, access, or valuables
 1. Spyware

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2. Logic Bomb
3. **Social Engineering**
4. Man in the Middle Attack
9. True or False: The word "Cyber" in "Cybernetics" originates from the French language.
 1. True
 2. **False**
10. The impact of a cyber security incident on organizations can include:
 1. Financial Loss
 2. Reputation Damage
 3. Regulatory fine
 4. **All the above**
11. True or False: A Vendor guarantees that their IoT solutions are 100% safe from cyberattacks.
This statement can be
 1. True
 2. **False**

Submit Answers