1. Which hacker organization hacked into the Democratic National Convention and released Hillary Clinton's emails? **1 point**

- (•) Fancy Bears
- ( ) Anonymous
- ( ) Syrian Electronic Army
- ( ) Guardians of the Peace
- ( ) All of the above

2. What challenges are expected in the future? **1 point**

- ( ) Enhanced espionage from more countries
- ( ) Far more advanced malware
- ( ) New consumer technology to exploit
- (•) All of the above

3. Why are cyber attacks using SWIFT so dangerous? **1 point**

- ( ) SWIFT is the protocol used by all US healthcare providers to encrypt medical records
- (•) SWIFT is the protocol used by all banks to transfer money
- ( ) SWIFT is the flight plan and routing system used by all cooperating nations for international commercial flights
- ( ) SWIFT is the protocol used to transmit all diplomatic telegrams between governments around the world

4. Which statement best describes Authentication? **1 point**

- (•) Assurance that the communicating entity is the one claimed
- ( ) Assurance that a resource can be accessed and used
- ( ) Protection against denial by one of the parties in communication
- ( ) Prevention of unauthorized use of a resource

5. Trusted functionality, security labels, event detection, security audit trails and security recovery are all examples of which type of security mechanism? **1 point**

- ( ) External security mechanism
- ( ) Contingent security mechanism
- ( ) Active security mechanism
- (•) Passive security mechanism

6. If an organization responds to an intentional threat, that threat is now classified as what? **1 point**

- (•) An attack
- ( ) A malicious threat
- ( ) An active threat
- ( ) An open case

7. An attack that is developed particularly for a specific customer and occurs over a long period of time is a form of what type of attack? **1 point**

- ( ) Denial of Service (DOS)
- ( ) Spectra
- (•) Advanced Persistent Threat
- ( ) Water Hole

8. Which of three (3) these approaches could be used by hackers as part of a Business Email Compromise attack? **1 point**

- [x] Account compromise
- [x] Attorney impersonation
- [ ] Request to make a payment
- [x] CEO Fraud, where CEO sends email to an employee

9. Which type of actor was **not** one of the four types of actors mentioned in the video *A brief overview of types of actors and their motives*? **1 point**

- ( ) Internal
- ( ) Hackers
- ( ) Hactivists
- (•) Black Hats
- ( ) Governments

10. A political motivation is often attributed to which type of actor? **1 point**

- ( ) Security Analysts
- (•) Hactivist
- ( ) Internal
- ( ) Hackers

11. The video *Hacking organizations* called-out several countries with active government sponsored hacking operations in effect. Which one of these was among those named? **1 point**

- ( ) South Africa
- ( ) Canada
- ( ) Egypt
- (•) Israel

12. Which of these is **not** a known hacking organization? **1 point**

- (•) The Ponemon Institute
- ( ) Fancy Bears
- ( ) Syrian Electronic Army
- ( ) Anonymous
- ( ) Guardians of the Peace

13. Which type of actor hacked the 2016 US Presidential Elections? **1 point**

- (•) Government
- ( ) Hackers
- ( ) Internal
- ( ) Hactivists

14. True or False: Passive attacks are easy to detect because the original messages are usually altered or undelivered. **1 point**

- (•) False
- ( ) True

15. True or False: Authentication, Access Control and Data Confidentiality are all addressed by the ITU X.800 standard. **1 point**

- (•) True
- ( ) False

16. Cryptography, digital signatures, access controls and routing controls considered which? **1 point**

- (•) Specific security mechanisms
- ( ) Business Policy
- ( ) Security Policy
- ( ) Pervasive security mechanisms

17. True or False: A tornado threatening a data center can be classified as an attack. **1 point**

- ( ) True
- (•) False

18. Traffic flow analysis is classified as which? **1 point**

- ( ) An active attack
- ( ) A masquerade attack
- (•) A passive attack
- ( ) An origin attack

19. How would you classify a piece of malicious code designed to cause damage, can self-replicate and spreads from one computer to another by attaching itself to files? **1 point**

- ( ) Virus
- ( ) Trojan Horse
- (•) Worm
- ( ) Ransomware
- ( ) Adware
- ( ) Spyware

20. Botnets can be used to orchestrate which form of attack? **1 point**

- ( ) Distribution of Spam
- ( ) DDoS attacks
- ( ) Phishing attacks
- ( ) Distribution of Spyware
- ( ) As a Malware launchpad
- (•) All of the above

21. Policies and training can be classified as which form of threat control? **1 point**

- ( ) Technical controls
- (•) Administrative controls
- ( ) Passive controls
- ( ) Active controls

22. Which type of attack can be addressed using a switched Ethernet gateway and software on every host on your network that makes sure their NICs is not running in promiscuous mode. **1 point**

- (•) Packet Sniffing
- ( ) Host Insertion
- ( ) Trojan Horse
- ( ) Ransomware
- ( ) All of the above

23. A flood of maliciously generated packets swamp a receiver's network interface preventing it from responding to legitimate traffic. This is characteristic of which form of attack? **1 point**

- (•) A Denial of Service (DOS) attack
- ( ) A Trojan Horse
- ( ) A Masquerade attack
- ( ) A Ransomware attack

24. A person calls you at work and tells you he is a lawyer for your company and that you need to send him specific confidential company documents right away, or else! Assuming the caller is not really a lawyer for your company but a bad actor, what kind of attack is this? **1 point**

- (•) A Social Engineering attack
- ( ) A Trojan Horse
- ( ) A Denial of Service attack
- ( ) A Worm attack

25. True or False: An individual hacks into a military computer and uses it to launch an attack on a target he personally dislikes. This is considered an act of cyberwarfare. **1 point**

- (•) False
- ( ) True

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