1) Non -experts who breaks into computer system by using pre-packaged tools written by others is known as
a) Black hat
b) white hat
c) script kiddies
d) none of these

2) Pre attack phase which gathers information about a computer system and the companies it belongs to is known as
a) foot printing
b) flood
c) DoS
d) None of the above

3) scan which uses FIN,PSH and URG flag is known as
a) XMAS
b) ACK scan
c) SYN Scan
d) Null scan

4) search engine which is used for banner grabbing is
a) Google hack database
b) SHODAN
c) yahoo
d) None of the above

5) The following commands is used for
' nc -n 192.168.1.2 80 HEAD / HTTP/1.0'
a) scanning
b) reconnassaince
c) banner grabing
d) none of the above

6) tool which shows the path taken by the packet to reach its destination
a)who is
b) nmap
c) wireshark
d) trace route

7) The following search in google is used for ' intitile:index.of'
a) Domain search
b) Directory listing
c) data base identification
d) none of the above

8) What does the following command trying to accomplish?
nmap -sU -p445 192.168.0.0/24

A. Verify that UDP port 445 is closed on 192.168.0.0 network
B. Verify that TCP port 445 is open on 192.168.0.0 network
C. Verify that NETBIOS is running on 192.168.0.0 network
D. Verify that UDP port 445 is open on 192.168.0.0 network

9) What does ICMP Type and code for 'Destination network unreachable ' message
A. Type 0, code 0
B. Type 3 , Code 0
C. Type 8, Code 0
D. None of the Above

10) Which of the following security solutions uses the same key for both encryption and authentication?
A. WPA
B. WPA2
C. WEP
D. 802.11i

11) Which form of authentication does WPA2 use?
A. Passphrase only
B. 802.1x/EAP/RADIUS
C. Passphrase or 802.1x/EAP/RADIUS
D. AES

12). 802.11i is most similar to which wireless security standard?
A. WPA2
B. WPA
C. TKIP
D. AES

13) Which of the following is a Layer 3 security solution for WLANs?
A. MAC filter
B. WEP
C. WPA
D. VPN

14) Which of the following are Layer 7 application-secure protocols used to secure data on WLAN hotspots?
A. HTTPS
B. HTTP
C. FTP
D. VPN

15) Which group of malware record every movement on a computer ?
a) Trapper
b) Trojan Horse
c) Key logger
d) Worm

16) "Stuxnet" is a
a) Virus
b) Worm
c) Torjan Horse
d) Rootkit

17) Which one is not a countermeasure against Malware ?
a) Updating System with latest patches
b) Taking backup regularly
c) End User security training
d) Installing MS Office

18) What is "wrapper" related to Malware?
a) A tool to create virus
b) Any legitimate software used to hide Trojan
c) Attack module of Malware
d) None of the above

19) What type of password attack would be more successful against the password
T68k$Sp24K9

A. Dictionary   B. Brute force
C. Password Guessing   D. Hybrid

20) This kind of password cracking method uses word lists in combination with numbers
and special characters:
A. Linear
B. Symmetric
C. Hybrid
D. Brute Force

21) Eavesdropping means

A. art of interacting with people either face to face or over the telephone and getting them to
give out valuable information such as passwords
B. the process of listening, monitoring, or examining someone without their permission or
knowledge.
C. a term used in civil litigation that describes the discovery of information in electronic
format, typically recovered through digital forensics analysis.
D. a program that reads data in and manipulates the data to fit another output pattern or
removes data that may not be needed.

22) Hydra is a popular tool for-

A. online password-cracking   C. Generating Rainbow tables
B. offline password-cracking   D. non electronic attack

23) Which is a non-technical attack?

A. Dumpster Diving   C. Rule Based Attack
B. Rainbow tables   D. Password Guessing

24) Which of the following is essential information to a hacker performing a session-
hijacking attack?
A. Session ID

B. Session number
C. Sequence number
D. Source IP address

25) Which of the following is the best countermeasure to session hijacking?
A. Port filtering firewall
B. Encryption
C. Session monitoring
D. Strong passwords

26) What is an ISN?
A. Initiation session number
B. Initial sequence number
C. Initial session number
D. Indication sequence number

27) which of the following is not the part of OS hardening
a) removal of all non-essential services
b) Updating the kernel
c) applying patches
d)   restoring the system to their default configuration

28) Cyber Crime is defined under Indian Cyber Law
A. True
B. False

29) Copyright law does not protect

A. Musical Works
B. Literary Works
C. Ideas or Concepts
D. Sound Recordings

30) Whether Intellectual Property can be sold

A. No
B. Sale is possible
C. Yes
D. None

31) To be considered a computer crimes, what needs to be involved in the crime

A. Technology
B. Computers
C. Data
D. Networks

32) Public key encryption method is a system

A. Which uses a set of public keys one for each participant in e-Commerce
B. Which uses the RSA coding system
C. In which each person who wants to communicate has two keys; a private key known to him only and a public key which is publicized to enable others to send message to him
D. Which is a standard for use in e-Commerce.

33) The Information Technology Act, 2000 is concerned with :

A. Legal recognition of digital signatures
B. Definition of various types of computer crimes and penalties for the same
C. Appointment of certifying authorities for issuing digital signatures
D. All of the above

34) Patents are generally granted to

A. Inventions that are new
B. Non obvious subject matter
C. Processes and Methods
D. A and B
E. B and C