



LIBRARY
Brainware University
Barasat, Kolkata - 700115

BRAINWARE UNIVERSITY

Term End Examination 2021 - 22

Programme – Bachelor of Science (Honours) in Advanced Networking & Cyber Security

Course Name – Digital Forensics

Course Code - BNCSC602

(Semester VI)

Time : 1 Hr.15 Min.

Full Marks : 60

[The figure in the margin indicates full marks.]

Group-A

(Multiple Choice Type Question)

1 x 60=60

Choose the correct alternative from the following :

- (1) From where the term 'hacker' first came to existence?

a) MIT	b) California
c) Stanford University	d) Bell's Lab
- (2) XSS is abbreviated as _____

a) Extreme Secure Scripting	b) Cross Site Security
c) X Site Scripting	d) Cross Site Scripting
- (3) Which is the legal form of hacking based on which jobs are provided in IT industries and firms?

a) Cracking	b) Non ethical Hacking
c) Ethical hacking	d) Hactivism
- (4) _____ are the combination of both white as well as black hat hackers.

a) Grey Hat hackers	b) Green Hat hackers
c) Blue Hat Hackers	d) Red Hat Hackers
- (5) Suicide Hackers are those _____

a) who break a system for some specific purpose with or without keeping in mind that they may suffer long term imprisonment due to their malicious activity	b) individuals with no knowledge of codes but an expert in using hacking tools
c) who know the consequences of their hacking activities and hence try to prevent them by erasing their digital footprints	d) who are employed in an organization to do malicious activities on other firms
- (6) Which of them is not a wireless attack?

a) Eavesdropping	b) MAC Spoofing
------------------	-----------------

- c) Wireless Hijacking
d) Phishing
- (7) _____ are the special type of programs used for recording and tracking user's keystroke.
- a) Keylogger
b) Trojans
c) Virus
d) Worms
- (8) _____ is a violent act done using the Internet, which either threatens any technology user or leads to loss of life or otherwise harms anyone in order to accomplish political gain.
- a) Cyber-warfare
b) Cyber campaign
c) Cyber-terrorism
d) Cyber attack
- (9) From the options below, which of them is not a threat to information security?
- a) Disaster
b) Eavesdropping
c) Information leakage
d) Unchanged default password
- (10) Compromising confidential information comes under _____
- a) Bug
b) Threat
c) Vulnerability
d) Attack
- (11) How many basic processes or steps are there in ethical hacking?
- a) 4
b) 5
c) 6
d) 7
- (12) Which of the following is not a reconnaissance tool or technique for information gathering
- a) Hping
b) NMAP
c) Google Dorks
d) Nexpose
- (13) While looking for a single entry point where penetration testers can test the vulnerability, they use _____ phase of ethical hacking.
- a) Reconnaissance
b) Scanning
c) Gaining access
d) Maintaining access
- (14) Which of them is not a scanning tool?
- a) NMAP
b) Nexpose
c) Maltego
d) Nessus
- (15) _____ phase the hacker exploits the network or system vulnerabilities
- a) Scanning
b) Reconnaissance
c) Maintaining access
d) Gaining access
- (16) Which of the below-mentioned penetration testing tool is popularly used in gaining access phase
- a) Maltego
b) NMAP
c) Metasploit
d) Nessus
- (17) Which of the following is not a strong security protocol?
- a) HTTPS
b) SSL
c) SMTP
d) SFTP
- (18) _____ is a set of conventions & rules set for communicating two or more devices residing in the same network
- a) Security policies
b) Protocols
c) Wireless network
d) Network algorithms
- (19) _____ is the entity for issuing digital certificates.

- a) Logical ports
c) Networking cables
- b) Physical ports
d) IP address
- (45) Number of logical ports ranges from _____ to _____
a) 0, 255
b) 1, 65535
c) 1, 65536
d) 0, 65536
- (46) _____ needs some control for data flow on each and every logical port
a) Antivirus
b) Network firewall
c) Intrusion Detection Systems (IDS)
d) Anti-malware
- (47) Which of the following is the port number for FTP data
a) 20
b) 21
c) 22
d) 23
- (48) Which of the following is the port number for FTP control?
a) 20
b) 21
c) 22
d) 23
- (49) Which of the following is the port number for SSH (Secure Shell)?
a) 20
b) 21
c) 22
d) 23
- (50) Which of the following is the port number for Telnet?
a) 20
b) 21
c) 22
d) 23
- (51) Firewalls can be of _____ kinds.
a) 1
b) 2
c) 3
d) 4
- (52) _____ is the kind of firewall is connected between the device and the network connecting to internet.
a) Hardware Firewall
b) Software Firewall
c) Stateful Inspection Firewall
d) Microsoft Firewall
- (53) _____ is software that is installed using an internet connection or they come by-default with operating systems
a) Hardware Firewall
b) Software Firewall
c) Stateful Inspection Firewall
d) Microsoft Firewall
- (54) Which of the following is not a software firewall?
a) Windows Firewall
b) Outpost Firewall Pro
c) Endian Firewall
d) Linksys Firewall
- (55) Firewall examines each _____ that are entering or leaving the internal network.
a) Emails users
b) Updates
c) Connections
d) Data packets
- (56) A firewall protects which of the following attacks?
a) Phishing
b) Dumpster diving
c) Denial of Service (DoS)
d) Shoulder surfing
- (57) There are _____ types of firewall.
a) 5
b) 4
c) 3
d) 2

LIBRARY
Brainware University
Baramulla, Kerala

(58) Packet filtering firewalls are deployed on _____

- a) Routers
- b) Switches
- c) Hubs
- d) Repeaters

(59) In the _____ layer of OSI model, packet filtering firewalls are implemented.

- a) Application layer
- b) Session layer
- c) Presentation layer
- d) Network layer

(60) The _____ defines the packet filtering firewall rules

- a) Access Control List
- b) Protocols
- c) Port
- d) Policies