

Question 53:

Marks: 1

Hackers use resources as \_\_\_\_\_

- 
- ☐ Public computers at libraries, or kiosks
  - ☐ registered website
  - ☐ Authorized computer at reception
  - ☐ None of these

**Question 1:**

**Marks: 1**

Deep learning is a subfield of \_\_\_\_\_.

- ☐ Human Learning
- ☒ Machine Learning
- ☐ Source Learning
- ☐ None of these.

Question 40:

Marks: 1

To determine what evidence to collect first, you should access evidences in \_\_\_\_\_ Order of Volatility.

☐ Increasing

☐ Decreasing

☐ any

☐ None of the above



## Question 70:

Marks: 1

Which of the following is not a best practice for minimizing security risk

- ☐ Use of encrypted msg
- ☐ Disable unused protocol
- ☐ Use of right software
- ☐ Injunction of malware in system

Question 60:

Marks: 1

UNIX is

- ☐ Uniplexed Information and computing service
- ☐ Unique Information and computing service
- ☐ User Information and computing service
- ☐ Universal Information and computing

**Question 12:**

WebSocket APIs \_\_\_\_ network traffic and latency as there is no overhead for connection setup and termination requests for each message.

- ☐ reduce
- ☒ increase
- ☐ Both a and b
- ☐ None of the above.

**Question 63:**

**Marks: 1**

Most of the wireless vulnerability are in

- ☐ 802.09 protocol
- ☐ 802.01 protocol
- ☐ 802.11 protocol
- ☐ 802.10 protocol

Question 11:

Marks: 1

A \_\_\_\_\_ is a device that alters the physical quantity as it can cause a mechanical component to move after getting some input from the sensor.

☐ Sensors

☐ Actuators

☐ Both a and b

☐ None of the above.



Question 36:

Marks: 1

Encrypted data can be impossible to view without the \_\_\_\_\_.

- ☒ Key
- ☐ Password
- ☐ Evidence
- ☐ None of the mentioned



**Question 26:**

**Marks: 1**

In EMCI Model, \_\_\_\_\_ is the phase during which crime is reported to some authority.

☒ Awareness

☐ Planning

☐ Storage

☐ Collection

**Question 67:**

**Marks: 1**

When assessing security and responding to security incidents a network analyzer can help you

- ☐ View anomalous networking traffic
- ☐ Develop baseline of network activity
- ☐ Track down a intruder
- ☐ All of above

Question 40:

Marks: 1

To determine what evidence to collect first, you should access evidences in \_\_\_\_\_ Order of Volatility.

- ☒ Increasing
- ☐ Decreasing
- ☐ any
- ☐ None of the above



Question 34:

Marks: 1

\_\_\_\_\_ data is a data that is lost if the power is switched off.

☐ Non-volatile

☒ Volatile

☐ Primary

☐ Secondary



Question 31:

Marks: 1

An EMCI model follows \_\_\_\_\_ as every activity occurs in sequence.

- ☐ Agile Model
- ☐ Spiral Model
- ☐ Waterfall Model
- ☐ None of these



**Question 61:**

**Marks: 1**

Vulnerability is nothing but

- ☒ Weakness of a system
- ☐ Strong points of a system
- ☐ Both a & b
- ☐ None

**Question 55:**

**Marks: 1**

Guidelines selecting hacking tools may consists of

\_\_\_\_\_

- ☐ Study the user guide for commercial tools
- ☐ Detailed reports on the discovered vulnerabilities
- ☐ updates and supports when needed
- ☐ All of these



Question 35:

Marks: 1

Digital evidences must follow the requirements of the \_\_\_\_\_.

- ☐ Ideal Evidence rule
- ☒ Best Evidence Rule
- ☐ Exchange Rule
- ☐ All of the mentioned



**Question 61:**

**Marks: 1**

Use of Ping sweep is

- 
- ☐ Identify live systems
  - ☐ Locate live systems
  - ☐ Identify open ports
  - ☐ Locate firewall
-

Question 55:

Marks: 1

Enemies of information security are

☐ Security researchers

☐ Hacktivists

☐ Cyber Terrorists

☐ all of these

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**Question 68:**

**Marks: 1**

Network analyzer performs

- ☐ Captures all networking traffic
- ☐ Display it all in chronological order
- ☐ Decode what is found in human readable format
- ☒ All of above

**Question 59:**

**Marks: 1**

DMZ stands for

☐ DeMiliterized Zone

☐ DeMail Zone

☐ DoMain Zone

☐ None

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**Question 18:**

**Marks: 1**

Devices that transforms electrical signals into physical movements

- 
- ☐ Sensors
  - ☐ Actuators
  - ☐ Switches
  - ☐ display
-

Question 33:

Marks: 1

Which obstacle will be handled by Investigation while achieving the goal of DFI

- ☒ Handle & locate valid data from large storage
- ☒ If file is secured, investigator must find way to read the protected data in an unauthorized manner.
- ☒ "Every case is different, identifying the techniques and tools will take long time."

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**Question 51:**

**Marks: 1**

Ethical hacker does not require \_\_\_\_\_ for effective operation.

- ☐ Asset to be protected
- ☐ Potential Threat Source
- ☐ Support by Organization
- ☒ Development life cycle.



**Question 16:**

**Marks: 1**

\_\_\_\_\_ jack allows connection of analog TVs and other similar output devices.

☒ RCA

☐ Audio out

☐ USB

☐ HDMI

**Question 63:**

**Marks: 1**

..... is competitor OS for Microsoft

☒ Linux

☐ Windows

☐ Symbian

☐ All of above

Question 60:

Marks: 1

Which of the following is not community hacked port number

☒ 18

☐ 19

☐ 20

☐ 21

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Question 25:

Marks: 1

Forest Fire Detection is an example of \_\_\_\_\_.

☒ IOT Level 5

☐ IOT Level 6

☐ IOT Level 2

☐ IOT Level 1

**Question 68:**

**Marks: 1**

Keeping the software up to date is sign of

☒ Good security

☐ Bad security

☐ A and B

☐ None

Question 39:

Marks: 1

Key criteria for handling of digital evidence is:

- ☒ Proper protocol should be followed for acquisition of evidence
- ☒ All material should be date and time stamped
- ☒ All artifacts physical and digital should be collected and retained



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**Question 54:**

**Marks: 1**

Which of the following is a part of social engineering life cycle?

☐ Gaining information

☐ User identification

☐ System monitoring

☒ Shoulder surfing

**Question 45:**

**Marks: 1**

A Chain of Custody form is used to document which of the following?

- ☐ Investigator who has been in contact with evidence in a case
- ☐ Anyone who has not been in contact with evidence in a case
- ☒ Anyone who has been in contact with evidence in a case

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Question 46:

Marks: 1

\_\_\_\_\_ is one with very little knowledge about hacking but uses free tools and internet to perform malicious act.

- ☐ Ex Employee
- ☐ Script Kiddies
- ☐ Malicious Users
- ☐ Gray Hat

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Question 62:

Marks: 1

Web server provide ————— as security mechanism

- ☐ ACL
- ☐ Root directory
- ☐ Both A and B
- ☐ None

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**Question 67:**

**Marks: 1**

..... tool is most versatile security tool for such security checks as port scanning & firewall testing

☐ Ether peek

☐ Ettercap

☐ net cat

☐ Nmap

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**Question 51:**

**Marks: 1**

Ethical hacker does not require \_\_\_\_\_ for effective operation.

- ☐ Asset to be protected
- ☐ Potential Threat Source
- ☐ Support by Organization
- ☐ Development life cycle.

Question 52:

Marks: 1

Which of the following term suits more to White Hat Hackers?

- ☐ Formar Black Hat
- ☐ Former Gray Hat
- ☐ Fame Gainer
- ☐ Security Professional

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**Question 10:**

**Marks: 1**

IoT stands for

- ☐ Internet of Technology
- ☐ Intranet of Things
- ☒ Internet of Things
- ☐ Information of Things

**Question 23:****Marks: 1**

TCP is the most widely used \_\_\_\_\_ protocol, that is used by web browsers (along with HTTP, HTTPS application layer protocols), email programs (SMTP application layer protocol) and file transfer (FTP).

☐ Application Layer

☒ Transport Layer

☐ Network Layer

☐ Link Layer

**Question 68:**

**Marks: 1**

Keeping the software up to date is sign of

- ☐ Good security
- ☐ Bad security
- ☐ A and B
- ☐ None



Question 44:

Marks: 1

The correct procedure followed according to the chain of custody for electronic evidence is :

- a. Save the original material
- b. Take photos of physical evidence
- c. Take screenshots of digital evidence content
- d. Inject a bit-for-bit clone of digital evidence

☒ a-b-c-e-d-f

☐ a-c-b-d-e-f

☐ c-a-d-f-e-b

☐ c-a-d-e-f-b

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**Question 57:**

**Marks: 1**

one of the example of hackers on basis of their work and mind set is \_\_\_\_\_

- ☒ Evading an intrusion prevesion system
- ☐ supporting security
- ☐ promoting pollution in environment
- ☐ none of these

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**Question 20:****Marks: 1**

IEEE 802.11 is a collection of wireless local area network (WLAN) communication standards, including extensive description of the \_\_\_\_.

- ☒ Link Layer
- ☐ Application Layer
- ☐ Transport Layer
- ☐ Network Layer

**Question 56:**

**Marks: 1**

SQLMap supports \_\_\_\_\_

- 
- ☐ open source and cross platforms
  - ☐ supports database engines
  - ☐ sniffing networks
  - ☐ All of these

Question 34:

Marks: 1

\_\_\_\_\_ data is a data that is lost if the power is switched off.

☐ Non-volatile

☐ Volatile

☐ Primary

☐ Secondary



Question 56:

Marks: 1

What is rootkit?

- ☐ A Simple tool to gain access to the root of the windows system.
- ☐ An invasive program that affects the system files, including the kernel and libraries.
- ☐ Tool to perform a buffer overflow.

Question 7:

Marks: 1

Computer programs that mimic the way human brain processes information is called \_\_\_\_\_

☐ Computer Networks

☐ Circuits Network

☒ Neural Network

☐ Human Network

**Question 5:**

**Marks: 1**

Apache Mahout is used for training

\_\_\_\_\_.

- ☐ Support Vector Machines (SVMs)
- ☐ self-organizing maps
- ☐ hierarchical clustering
- ☐ Naive Bayes classifier



Question 34:

Marks: 1

\_\_\_\_\_ data is a data that is lost if the power is switched off.

☐ Non-volatile

☐ Volatile

☐ Primary

☐ Secondary



**Question 69:**

**Marks: 1**

Which of the following application are hacking targets on your network

☐ Messaging application

☐ Email

☐ A and B

☐ None

Ethical behind training how to hack a system

- ☐ Think like hacker
- ☐ Hacking system without permission
- ☐ To hack vulnerable networking
- ☐ To corrupt software using malware

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Question 47:

Marks: 1

Hacking for a cause is called \_\_\_\_\_

- ☐ Active hacking
- ☒ Hacktivism
- ☐ Activism
- ☐ Black-hat hacking

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Question 69:

Marks: 1

..... belong to Email attack

☐ Email Bomb

☐ Banner

☐ Both A and B

☐ None

Question 60:

Marks: 1

Which of the following is not community hacked port number

☒ 18

☐ 19

☐ 20

☐ 21

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**Question 33:**

**Marks: 1**

Which obstacle will be handled by Investigation while achieving the goal of DFI

- ☐ If file is secured, investigator must find way to read the protected data in an unauthorized manner.
- ☐ "Every case is different, identifying the techniques and tools will take long time."
- ☐ All of the Above



Question 36:

Marks: 1

Encrypted data can be impossible to view without the \_\_\_\_\_.

- ☒ Key
- ☐ Password
- ☐ Evidence
- ☐ None of the mentioned





Question 37:

Marks: 1

A proof that is introduced in the form of physical object is referred as-----

- ☐ Electronic evidence
- ☐ Documented evidence
- ☐ substantial evidence
- ☐ Explainable evidence



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Question 52:

Marks: 1

Which of the following term suits more to White Hat Hackers?

- ☐ Formar Black Hat
- ☐ Former Gray Hat
- ☐ Fame Gainer
- ☐ Security Professional

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**Question 57:**

**Marks: 1**

one of the example of hackers on basis of their work and mind set is \_\_\_\_\_

- ☐ Evading an intrusion prevesion system
- ☐ supporting security
- ☐ promoting pollution in environment
- ☐ none of these

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Question 36:

Marks: 1

Encrypted data can be impossible to view without the \_\_\_\_\_.

- ☒ Key
- ☐ Password
- ☐ Evidence
- ☐ None of the mentioned



Question 38:

Marks: 1

Illustrative evidence is also called as \_\_\_\_\_

☒ Demonstrative evidence

☐ Explainable Evidence

☐ Substantial evidence

☐ Documented Evidence



Ethical behind training how to hack a system

- ☐ Think like hacker
- ☐ Hacking system without permission
- ☐ To hack vulnerable networking
- ☐ To corrupt software using malware

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**Question 57:**

**Marks: 1**

The planning and reconnaissance phase of penetration testing in hacking\_\_\_\_\_

- ☐ defines Salary of hacker for testing
- ☒ defines test goals and intellegence is gathered
- ☐ avoids inspection in testing phase
- ☐ implements Random process in nenetration testing

Question 52:

Marks: 1

Which of the following term suits more to White Hat Hackers?

- ☐ Formar Black Hat
- ☐ Former Gray Hat
- ☐ Fame Gainer
- ☐ Security Professional

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**Question 59:**

**Marks: 1**

DMZ stands for

☐ DeMiliterized Zone

☐ DeMail Zone

☐ DoMain Zone

☐ None

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**Question 55:**

**Marks: 1**

Guidelines selecting hacking tools may consists of

\_\_\_\_\_

- ☐ Study the user guide for commercial tools
- ☐ Detailed reports on the discovered vulnerabilities
- ☐ updates and supports when needed
- ☐ All of these

**Question 64:**

**Marks: 1**

Which of the following is not a computer networking device.

☐ Router

☐ Firewall

☐ Generic Host

☐ None

Question 31:

Marks: 1

An EMCI model follows \_\_\_\_\_ as every activity occurs in sequence.

- ☐ Agile Model
- ☐ Spiral Model
- ☒ Waterfall Model
- ☐ None of these



**Question 58:**

**Marks: 1**

Which is not the type of tool that is used by the Ethical hackers?

- ☐ Nmap
- ☐ .net Framework
- ☐ Superscan
- ☐ ToneLoc

**Question 21:**

The message transfer capability can be set up on connections, either using handshakes such as \_\_ or without handshakes/acknowledgements such as \_\_\_\_.

- ☒ TCP,UDP
- ☐ UDP,TCP
- ☐ HTTP,CoAP
- ☐ CoAP ,HTTP

**Question 56:**

**Marks: 1**

What is rootkit?

- ☐ A Trojan that sends information to an SMB relay.
- ☐ A Simple tool to gain access to the root of the windows system.
- ☐ An invasive program that affects the system files, including the kernel and libraries.

Question 62:

Marks: 1

Web server provide ——— as security mechanism

- ☐ ACL
- ☐ Root directory
- ☐ Both A and B
- ☐ None

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Question 39:

Marks: 1

Key criteria for handling of digital evidence is:

- ☐ All material should be date and time stamped
- ☐ All artifacts physical and digital should be collected and retained
- ☐ All of the above



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Question 52:

Marks: 1

Piggybacking onto a network through an insecure wireless configuration is a

- ☐ Default windows OS configuration
- ☐ Weak SQL server administrator password
- ☐ operating system attack
- ☐ Network infrastructure attack

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**Question 43:**

When assessing the reliability of digital evidence, the investigator is concerned with whether the computer that generated the evidence was functioning normally, and:

- 
- ☐ Whether chain of custody was maintained
  - ☐ Whether there are indications that the actual digital evidence was tampered with
  - ☐ Whether the evidence was properly secured in transit
  - ☐ Whether the evidence media was compatible with forensic machines

**Question 32:**

**Marks: 1**

In forensic investigation,, in which format the computer and data would be, during the acquisition of the media

- ☐ protected
- ☐ non protected
- ☐ partially protected
- ☐ hidden



**Question 55:**

**Marks: 1**

Guidelines selecting hacking tools may consists of

\_\_\_\_\_

- ☐ Study the user guide for commercial tools
- ☐ Detailed reports on the discovered vulnerabilities
- ☐ updates and supports when needed
- ☐ All of these

Question 43:

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In an e-mail harassment case, the act of sending threatening messages via a Web-based e-mail service can leave a number of traces. Investigator can obtain information from\_\_\_\_\_.

- ☐ Offender's hard drive
- ☐ Web server access logs
- ☐ IP addresses
- ☐ All of the mentioned

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Question 68:

Marks: 1

..... is executed through the searching of single host for open ports

**Question 28:**

**Marks: 1**

Which was the first FBI Regional computer Laboratory was recognized in 2000?

- ☐ Multimedia Laboratory
- ☐ Programming laboratory
- ☒ Forensic Laboratory
- ☐ Software Laboratory

Question 65:

Marks: 1

In \_\_\_\_\_ multiple large messages can quickly fill the total storage capacity of an email server

- ☐ storage overload
- ☐ Bandwidth blocking
- ☐ A & B
- ☐ None



Question 35:

Marks: 1

Digital evidences must follow the requirements of the \_\_\_\_\_.

- ☐ Ideal Evidence rule
- ☒ Best Evidence Rule
- ☐ Exchange Rule
- ☐ All of the mentioned



**Question 58:**

**Marks: 1**

Which is not the type of tool that is used by the Ethical hackers?

- ☐ Nmap
- ☐ .net Framework
- ☐ Superscan
- ☐ ToneLoc

## Question 70:

Marks: 1

Which of the following is not a best practice for minimizing security risk

- ☐ Use of encrypted msg
- ☐ Disable unused protocol
- ☐ Use of right software
- ☐ Injuction of malware in system

**Question 23:****Marks: 1**

TCP is the most widely used \_\_\_\_\_ protocol, that is used by web browsers (along with HTTP, HTTPS application layer protocols), email programs (SMTP application layer protocol) and file transfer (FTP).

☐ Application Layer

☒ Transport Layer

☐ Network Layer

☐ Link Layer

Question 50:

Marks: 1

\_\_\_\_\_ is not a commercial firewall.

☐ Nmap

☐ EtherPeek

☐ Ethereal

☐ WebInspect

**Question 69:**

**Marks: 1**

Which of the following application are hacking targets on your network

☐ Messaging application

☐ Email

☒ A and B

☐ None

**Question 42:**

At what point should computer security professionals stop handling digital evidence and contact law enforcement?

- 
- ☐ stop an contact law enforcement whenever they detect a crime
  - ☐ when their organization's policy specifies
  - ☒ when the task is beyond their training and experience
  - ☐ when they would be committing an offense by performing an action
-

**Question 64:**

**Marks: 1**

Which of the following is not a computer networking device.

- ☐ Router
- ☐ Firewall
- ☐ Generic Host
- ☐ None



**Question 29:**

**Marks: 1**

Which of the following statement is wrong ?

- 
- ☐ Investigator should not declare any confidential matters.
  - ☐ Investigator should respect privacy of others.
  - ☐ Investigator should be honest and trustworthy.

**Question 12:****Marks: 1**

In \_\_\_\_\_ system has a single node as well as data is stored and analyzed in the cloud application is cloud based

☐ IOT Level 1

☒ IOT Level 2

☐ IOT Level 3

☐ IOT Level 4

**Question 54:**

**Marks: 1**

Which of the following is a part of social engineering life cycle?

- ☐ Gaining information
- ☐ User identification
- ☐ System monitoring
- ☐ Shoulder surfing

Question 39:

Marks: 1

Key criteria for handling of digital evidence is:

- ☐ All material should be date and time stamped
- ☐ All artifacts physical and digital should be collected and retained
- ☐ All of the above



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Question 65:

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- ☐ Bandwidth blocking
- ☐ A & B
- ☐ None

**Question 61:**

**Marks: 1**

Vulnerability is nothing but

- ☒ Weakness of a system
- ☐ Strong points of a system
- ☐ Both a & b
- ☐ None

Question 53:

Marks: 1

Hackers use resources as \_\_\_\_\_

- ☒ Public computers at libraries, or kiosks
- ☐ registered website
- ☐ Authorized computer at reception
- ☐ None of these

**Question 63:**

**Marks: 1**

Most of the wireless vulnerability are in

- ☐ 802.09 protocol
- ☐ 802.01 protocol
- ☐ 802.11 protocol
- ☐ 802.10 protocol



**Question 17:****Marks: 1**

\_\_\_\_\_ and \_\_\_\_\_ supports methods such as GET, PUT, POST, and DELETE.

- ☐ HTTP,CoAP
- ☐ Websocket,MQTT
- ☐ XMPP,AMQP
- ☐ None of the above.

Question 38:

Marks: 1

Illustrative evidence is also called as \_\_\_\_\_

- ☐ Demonstrative evidence
- ☐ Explainable Evidence
- ☐ Substantial evidence
- ☐ Documented Evidence



**Question 19:**

**Marks: 1**

The ARM micro-controller architecture is

---

- ☒ Load-Store RISC Architecture
- ☐ Load Store CISC Architecture
- ☐ ROM Based Architecture
- ☐ Hardwired Architecture

**Question 61:**

**Marks: 1**

Vulnerability is nothing but

- ☐ Weakness of a system
- ☐ Strong points of a system
- ☐ Both a & b
- ☐ None

**Question 67:**

**Marks: 1**

..... tool is most versatile security tool for such security checks as port scanning & firewall testing

☐ Ether peek

☐ Ettercap

☐ net cat

☐ Nmap

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**Question 69:**

**Marks: 1**

Which of the following application are hacking targets on your network

☐ Messaging application

☐ Email

☐ A and B

☐ None

**Question 14:**

ZigBee is one of the most popular wireless technologies used by \_\_\_\_\_

☒ WSN

☐ MANET

☐ Both a and b

☐ None of the above.

Question 31:

Marks: 1

An EMCI model follows \_\_\_\_\_ as every activity occurs in sequence.

- ☐ Agile Model
- ☐ Spiral Model
- ☒ Waterfall Model
- ☐ None of these





**Question 4:**

**Marks: 1**

\_\_\_\_\_ form the basis of various applications.

☐ Algorithms

☐ Programs

☐ Code

☐ Testing

Question 39:

Marks: 1

Key criteria for handling of digital evidence is:

- ☐ All material should be date and time stamped
- ☐ All artifacts physical and digital should be collected and retained
- ☐ All of the above



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**Question 68:**

**Marks: 1**

Keeping the software up to date is sign of

- ☐ Good security
- ☐ Bad security
- ☐ A and B
- ☐ None

Question 39:

Marks: 1

Key criteria for handling of digital evidence is:

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- ☒ All artifacts physical and digital should be collected and retained



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**Question 57:**

**Marks: 1**

one of the example of hackers on basis of their work and mind set is \_\_\_\_\_

☒ Evading an intrusion prevesion system

☐ supporting security

☐ promoting pollution in environment

☐ none of these

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Question 50:

Marks: 1

\_\_\_\_\_ is not a commercial firewall.

- ☐ Nmap
- ☐ EtherPeek
- ☐ Ethereal
- ☐ WebInspect

Question 48:

Marks: 1

Scanning is performed in which phase of a pen test?

- ☒ Pre-Attack
- ☐ Attack
- ☐ Post-attack
- ☐ Reconnaissance

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**Question 9:**

**Marks: 1**

802.15.4 also called as \_\_\_\_\_.

☐ Ethernet

☐ WiFi

☐ WiMax

☐ LR-WPAN



Question 33:

Marks: 1

Which obstacle will be handled by Investigation while achieving the goal of DFI

- ☒ Handle & locate valid data from large storage
- ☒ If file is secured, investigator must find way to read the protected data in an unauthorized manner.
- ☒ "Every case is different, identifying the techniques and tools will take long time."

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**Question 67:**

**Marks: 1**

..... tool is most versatile security tool for such security checks as port scanning & firewall testing

☐ Ether peek

☐ Ettercap

☐ net cat

☐ Nmap

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**Question 64:**

**Marks: 1**

Which of the following are network analysing tools are supported by unix OS

- ☐ Ethereal
- ☐ Ettercap
- ☐ Dsniff
- ☐ All of above

Question 40:

Marks: 1

Digital Evidences may be in the form of

☐ Email Messages

☐ Office file

☐ Registry

☐ All of the above

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**Question 14:****Marks: 1**

In \_\_\_\_\_ system system has multiple nodes that perform local analysis. Data is stored in the cloud and application is cloud based

☐ IOT Level 3

☒ IOT Level 4

☐ IOT Level 5

☐ IOT Level 6

Question 51:

Marks: 1

To access the security of the system one must understand \_\_\_\_\_ of the hacker.

- ☐ Nature
- ☐ Hobbies
- ☐ Mindset
- ☐ none of these

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**Question 65:**

**Marks: 1**

Do not store old sensitive or otherwise non public files on your web server is countermeasure for

- 
- ☐ Directory traversal attack
  - ☐ XSS
  - ☐ SQL injection
  - ☐ All of above

Question 15:

Marks: 1

6LOWPAN provides data transfer rates of \_\_\_\_\_.

☒ 250Kb/s

☐ 1.5 Mb/s

☐ 100 Mbit/s

☐ 1 Gbit/s



## Question 70:

Marks: 1

Which of the following is not a best practice for minimizing security risk

- ☐ Use of encrypted msg
- ☐ Disable unused protocol
- ☐ Use of right software
- ☐ Injunction of malware in system

**Question 8:**

**Marks: 1**

ALU of ARM Microcontroller is \_\_\_\_\_ bit

☐ 8

☒ 32

☐ 64

☐ 10

Question 40:

Marks: 1

To determine what evidence to collect first, you should access evidences in \_\_\_\_\_ Order of Volatility.

- ☒ Increasing
- ☐ Decreasing
- ☐ any
- ☐ None of the above



Question 53:

Marks: 1

Hackers use resources as \_\_\_\_\_

- 
- ☐ Public computers at libraries, or kiosks
  - ☐ registered website
  - ☐ Authorized computer at reception
  - ☐ None of these

**Question 56:**

**Marks: 1**

What is rootkit?

- ☐ A Trojan that sends information to an SMB relay.
- ☐ A Simple tool to gain access to the root of the windows system.
- ☐ An invasive program that affects the system files, including the kernel and libraries.

**Question 32:**

**Marks: 1**

In forensic investigation,, in which format the computer and data would be, during the acquisition of the media

- ☒ protected
- ☐ non protected
- ☐ partially protected
- ☐ hidden



Question 38:

Marks: 1

Illustrative evidence is also called as \_\_\_\_\_

- ☒ Demonstrative evidence
- ☐ Explainable Evidence
- ☐ Substantial evidence
- ☐ Documented Evidence



**Question 56:**

**Marks: 1**

What is rootkit?

- ☐ A Simple tool to gain access to the root of the windows system.
- ☐ An invasive program that affects the system files, including the kernel and libraries.
- ☐ Tool to perform a buffer overflow.



**Question 6:**

**Marks: 1**

IBMs Watson supercomputer comes under

-----

☐ General AI

☐ Super AI

☐ Narrow AI

☐ All of the above

**Question 59:**

**Marks: 1**

SQL Stands for

- 
- ☐ Simple Query Language
  - ☒ Structured Query Language
  - ☐ Standard Query Language
  - ☐ None
-

Question 41:

Marks: 1

The most difficult task for an evidence handler is to substantiate the\_\_\_\_\_ at the judicial proceedings.

☐ Copied Evidences

☐ Persistent Evidence

☒ Collected Evidence

☐ Lost Evidences

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**Question 49:**

**Marks: 1**

The amateur in the field of hacking who don't have many skills about coding and in-depth working of security and hacking tools are called \_\_\_\_\_

☐ sponsored Hackers

☐ Whistle Blowers

☐ Hactivists

☐ Script Kiddies

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**Question 21:****Marks: 1**

\_\_\_\_\_ sensors are used in smartphones, vehicles, aircrafts and other applications to detect orientation of an object, shake, tap, tilt, motion, positioning, shock or vibration

☐ IR

☒ Accelerometer

☐ Image

☐ Proximity

Question 22:

Marks: 1

IoT level which is used for Forest Fire Detection

☐ Level-3

☐ Level-4

☒ Level-5

☐ Level-6

Question 53:

Marks: 1

Ethical Hacking can be \_\_\_\_\_

- ☐ Technical
- ☐ Non- Technical
- ☐ Both A and B
- ☐ none of the above

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**Question 64:**

**Marks: 1**

Which of the following is not a computer networking device.

☐ Router

☐ Firewall

☒ Generic Host

☐ None



Question 60:

Marks: 1

Which of the following is not community hacked port number

☒ 18

☐ 19

☐ 20

☐ 21

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**Question 56:**

**Marks: 1**

What is rootkit?

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- ☐ An invasive program that affects the system files, including the kernel and libraries.

**Question 24:**

**Marks: 1**

An IoT device can collect various types of data from the on-board or attached sensors, such as

☐ Temperature

☐ Humidity

☐ Motion

☐ All of Above

Question 54:

Marks: 1

Hackers use a proxy server \_\_\_\_\_

- ☐ To create a stronger connection with the target.
- ☐ To create a ghost server on the network.
- ☐ To obtain a remote access connection.
- ☐ To hide malicious activity on the network.

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**Question 3:****Marks: 1**

Artificial Intelligence is the ability of a computer program to \_\_\_\_\_

- ☐ Learn and Earn
- ☐ Learn and Experience
- ☐ Learn and Think
- ☐ Learn and Teach

**Question 54:**

**Marks: 1**

Which of the following is a part of social engineering life cycle?

- ☐ Gaining information
- ☐ User identification
- ☐ System monitoring
- ☐ Shoulder surfing

Question 39:

Marks: 1

Key criteria for handling of digital evidence is:

- ☒ Proper protocol should be followed for acquisition of evidence
- ☒ All material should be date and time stamped
- ☒ All artifacts physical and digital should be collected and retained



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Some AI languages are \_\_\_\_\_

☐ PROLOG

☐ LISP

☐ NLP

☐ All of the above



**Question 43:**

**Marks: 1**

Case Background :The accused in the case were working in a BPO, that was handling the business of a multinational bank. The accused, during the course of their work had obtained the personal identification numbers (PIN) and other confidential information of the bank's customers.

☐ a-b-c-d-e

☐ e-d-c-b-a

☐ b-c-a-e-d

☐ d-b-c-e-a

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**Question 58:**

**Marks: 1**

Which is not the type of tool that is used by the Ethical hackers?

☐ Nmap

☒ .net Framework

☐ Superscan

☐ ToneLoc

**Question 33:**

**Marks: 1**

Which obstacle will be handled by Investigation while achieving the goal of DFI

- ☐ Handle & locate valid data from large storage
- ☐ If file is secured, investigator must find way to read the protected data in an unauthorized manner.
- ☐ "Every case is different, identifying the techniques and tools will take long time."



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**Question 50:**

**Marks: 1**

Which of the following tool cannot be use to crack password?

☐ LC4

☐ pwdump

☐ John the Ripper

☐ SuperScan

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Question 42:

Marks: 1

A couple of considerations are involved when dealing with digital evidence check, the incorrect considerations involved:

- ☐ Work with the original evidence to develop procedures
- ☐ Use clean collecting media
- ☐ Document any extra scope
- ☐ Consider safety of personnel at the scene

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Question 35:

Marks: 1

Digital evidences must follow the requirements of the \_\_\_\_\_.

- ☐ Ideal Evidence rule
- ☒ Best Evidence Rule
- ☐ Exchange Rule
- ☐ All of the mentioned



**Question 58:**

**Marks: 1**

Criminal minded individuals who work for terrorist organizations and steal information of nations and other secret intelligence for economical and revnage type of gain are \_\_\_\_\_

- ☐ State sponsored hackers
- ☐ White Hat Hackers
- ☒ Cyber Terrorists
- ☐ Red Hat Hackers

Question 65:

Marks: 1

In \_\_\_\_\_ multiple large messages can quickly fill the total storage capacity of an email server

- ☐ storage overload
- ☐ Bandwidth blocking
- ☒ A & B
- ☐ None



Question 62:

Marks: 1

Web server provide ————— as security mechanism

☐ ACL

☐ Root directory

☐ Both A and B

☐ None

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Question 56:

Marks: 1

What is rootkit?

- ☐ A Simple tool to gain access to the root of the windows system.
- ☐ An invasive program that affects the system files, including the kernel and libraries.
- ☐ Tool to perform a buffer overflow.

**Question 27:**

**Marks: 1**

What is the meaning of CART in forensics science?

- ☐ Statistical Application Development Report Team
- ☐ Classification And Regression Tree
- ☒ Computer Analysis and Response Team
- ☐ Computer Application Research Team

**Question 63:**

**Marks: 1**

Most of the wireless vulnerability are in

☐ 802.09 protocol

☐ 802.01 protocol

☐ 802.11 protocol

☐ 802.10 protocol

**Question 59:**

**Marks: 1**

DMZ stands for

☐ DeMiliterized Zone

☐ DeMail Zone

☐ DoMain Zone

☐ None

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**Question 32:**

**Marks: 1**

In forensic investigation,, in which format the computer and data would be, during the acquisition of the media

- ☒ protected
- ☐ non protected
- ☐ partially protected
- ☐ hidden



**Question 64:**

Following is not web application security vulnerability

- 
- ☐ SQL injection
  - ☐ Cross site scripting
  - ☒ Firewall
  - ☐ Directory traversal

**Question 13:**

**Marks: 1**

In Mobile Communication, 4G includes \_\_\_\_.

☐ LTE

☐ UMTS

☐ CDMA

☐ CDMA 2000



**Question 62:**

**Marks: 1**

WAF stands for

- 
- ☐ Web Application Firewall
  - ☐ Wireless Application Firewall
  - ☐ Wired Application Firewall
  - ☐ Wide Application Firewall

**Question 66:**

**Marks: 1**

Vulnerabilities in database management system are

- 
- ☐ Loose access permissions
  - ☐ Excessive retention of sensitive data
  - ☐ Aggregation personally identifiable information
  - ☐ All of above

Ethical behind training how to hack a system

- ☐ Think like hacker
- ☐ Hacking system without permission
- ☐ To hack vulnerable networking
- ☐ To corrupt software using malware

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Question 50:

Marks: 1

\_\_\_\_\_ is not a commercial firewall.

- ☐ Nmap
- ☐ EtherPeek
- ☐ Ethereal
- ☐ WebInspect

**Question 51:**

**Marks: 1**

Ethical hacker does not require \_\_\_\_\_ for effective operation.

- ☐ Asset to be protected
- ☐ Potential Threat Source
- ☐ Support by Organization
- ☐ Development life cycle.