National Testing Agency

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Cyber Security

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Cyber Security-1

Section Id :	709597115
Section Number :	1
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Display Number Panel:	Yes
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Sub-Section Number:	1
Sub-Section Id:	709597124
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 70959711242 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Which of the following helps in exchange of information supporting interactions with other digital devices?

1 Mobile phones

2 Internet of Things(IoT)

3 Media

4 Cyberspace

Question Number : 2 Question Id : 70959711243 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

It is the Universal system of interrelated computer networks

1. Cyber core
2. Cyber space
3. Internet
4. World wide web

Question Number : 3 Question Id : 70959711244 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Identify the security services in an Information System.

1 Assurance, Notarization, Access Control, Repudiation
2 Confidentiality, Integrity, Availability, System Configuration
3 Confidentiality, Integrity, Access Control, Availability
4 Authentication, Authorization, Auditing, Non-repudiation

Question Number : 4 Question Id : 70959711245 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the security principle that assures the identity proof

of a message during communication exchange.

1 Authentication
2 Non-repudiation
3 Access control
4 Assurance

Question Number : 5 Question Id : 70959711246 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

This attack floods the network resources with requests

1. Spam
2. Distributed Denial of Service (DDoS)
3. Phishing
4. Malwares

Question Number : 6 Question Id : 70959711247 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The following refers to the interruption of authenticity or integrity of the information.

1. Cyber security
2. Cyber crime
3. Cyber war
4. Cyber attack

Question Number : 7 Question Id : 70959711248 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following convinces the user that the user is connected to a trusted entity?

1. Session hijacking
2. Replay
3. IP Spoofing
4. Cross-site scripting

Question Number : 8 Question Id : 70959711249 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

This type of attacker influences the phone network.

1. Phreaker
2. Cracker
3. Spammer
4. White hat

Question Number : 9 Question Id : 70959711250 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the characteristics of Trojan horse from the following:

i. Self-replicating

ii. Non-self-replicating

iii. Mutates

iv. Opens backdoor to other malwares

1. i and iii
2. ii and iv
3. i, iii, iv
4. ii, iii, iv

Question Number : 10 Question Id : 70959711251 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following identifies, analyses and addresses
the flaws that serve as attack vectors?

1. Vulnerability Management
2. Vulnerability Analysis
3. Vulnerability Assessment
4. Vulnerability Assessment scans

Question Number : 11 Question Id : 70959711252 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Determine the functionalities of Intrusion Detection System
in a computer system from the following:

i. Detect suspicious activity

ii. Block threats

iii. Alert users

1. i and ii
2. ii and iii
3. i and iii
4. i, ii and iii

Question Number : 12 Question Id : 70959711253 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Intrusion Detection Systems address these

1. Vulnerability analysis
2. Forensic analysis
3. Alert generation
4. Both 2 and 3

Question Number : 13 Question Id : 70959711254 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

This is a stand-alone technology for handling Intrusions.

1. Intrusion Detection System
2. Intrusion Prevention System
3. Intrusion Detection and Prevention System
4. None of the above

Question Number : 14 Question Id : 70959711255 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Active and passive Intrusion Detection Systems come
under this category

1. Approach based IDS
2. Protection based IDS
3. Behavior based IDS
4. Distributed IDS

Question Number : 15 Question Id : 70959711256 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Determine the characteristics of Biometrics.

1. Uniqueness, non-acceptability, permanence
2. Non-universality, acceptability, circumvention
3. Universality, acceptability, circumvention
4. Uniqueness, non-universality, non-acceptability

Question Number : 16 Question Id : 70959711257 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Sharing the secret information to validate an individual's
identity is known as

1. Identification
2. Authentication
3. Proof of identity
4. Authorization

Question Number : 17 Question Id : 70959711258 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Predict the type of authentication factor that cannot be used
as the base.

1. Knowledge factor
2. Inherence factor
3. Time factor
4. Location factor

Question Number : 18 Question Id : 70959711259 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The Biometric system that captures multiple occurrences of
an image is

1. Multi-instance biometric system
2. Multimodal biometric system
3. Multi-sensorial biometric system
4. Multi-algorithmic biometric system

Identify the functions of type A Computer Security
Classification from the following:

   i.   Uses formal design specifications and verification
techniques

   ii.   Provides mandatory protection system

   iii.   Provides user protection and accountability using
audit capabilities

   iv.   Grants higher degree of process security assurance

1. i, ii and iii
2. i, iii and iv
3. Either i, iv or ii, iii
4. Both i and iv

The conversion of plaintext to ciphertext is referred to as

1. Encryption
2. Decryption
3. Secret key
4. Public key

Examination of key policies influencing other factors takes

place in this phase of SecSDLC.

1. Analysis
2. Logical design
3. Maintenance
4. Physical design

Question Number : 22 Question Id : 70959711263 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following tool analyses activities deviating from normal behavior?

1. Behavioral analytics
2. Application security
3. Firewall
4. Intrusion Prevention Systems

Question Number : 23 Question Id : 70959711264 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Recall the Information Security Standard that provides a stable framework for Information Security Management.

1. ISO27001
2. Take Grant protection
3. Harrison-Ruzzo-Ullman
4. ISO27005

Question Number : 24 Question Id : 70959711265 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Identify the attack that cannot be detected even with automated detection tools and systematic reviewing of sites.

1. Cross-site Request Forgery
2. Injection attack
3. Failure to restrict URL access
4. Cross-site Scripting

Question Number : 25 Question Id : 70959711266 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Through this attack, attacker can intrude into the device by running a program and can locate other devices within the range.

1. System updates
2. Bluetooth attacks
3. Application isolation
4. Mobile browsing

Question Number : 26 Question Id : 70959711267 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Identify the constraints used by web security to provide advanced security monitoring from the following:

i. Domain Name System (DNS)

ii. Secure Socket Layer (SSL)

iii. WHOIS Database

iv. Malware Scanning

1. i and iii
2. ii and iv
3. ii, iii and iv
4. i, ii and iii

Question Number : 27 Question Id : 70959711268 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Express the important factor to be considered during the procurement stage in Cloud Services when the service contract is terminated.

1. Secure Exit
2. Managing multiplicity
3. Federate model
4. All the above

Question Number : 28 Question Id : 70959711269 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct counter measure for the Network tampering threat

1. Secret Key Encryption and Authentication
2. Protection and Information Encryption
3. Access control and Encryption
4. Redundant routing and Backup

Question Number : 29 Question Id : 70959711270 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

This attack results in the occurrence of false network nodes at various points of time.

1. Wormhole
2. Sybil
3. Sinkhole
4. Selective forwarding

Question Number : 30 Question Id : 70959711271 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

A group of computational and physical elements embedded
with feedback loops refers to

1. Internet of Things
2. Programmable Logic Controllers
3. Industrial Control Systems
4. Cyber Physical Systems

Question Number : 31 Question Id : 70959711272 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Identify the type of threat where the attacker keeps track of
victim's occasions.

1. Identity theft
2. Vacation robberies
3. Posting videos of criminal activity
4. Stalking

Question Number : 32 Question Id : 70959711273 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

In this attack, the adversary alters a back-end command
statement.

1. Acknowledgement spoofing
2. HELLO flood
3. Injection
4. Active interference

Question Number : 33 Question Id : 70959711274 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The overall superset that includes virtual currency and
cryptocurrencies.

1. Currency notes
2. Gold Coins
3. Real money
4. Digital currency

Question Number : 34 Question Id : 70959711275 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The third major innovation of blockchain

1. Blockchain scaling
2. Smart Contract
3. Ethereum
4. Both 2 and 3

Question Number : 35 Question Id : 70959711276 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

During the threat assessment process, this important factor has to be in place for storage or transfer of sensitive financial information of an organization.

1. History of organization
2. Regulation and compliance
3. Industry-level trends
4. Current cyber security trends

Question Number : 36 Question Id : 70959711277 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Identify the suitable nature of vector76 attack from the following:

i. Combination of Race attack and Finney attack
ii. Attacker uses publicly mined blocks to perform double-spending attacks on transactions
iii. Also called as one-confirmation attack
iv. Attacker uses privately mined blocks to perform double-spending attacks on transactions

1. i, ii and iii
2. i, iii and iv
3. i and iv
4. iii and iv

Question Number : 37 Question Id : 70959711278 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The criminal activities carried out by means of computer are referred to as

1. Auditing
2. Cyber attacks
3. Hacking
4. Cybercrimes

Question Number : 38 Question Id : 70959711279 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The trust on the digital devices for the integration of various applications through them indicates this quality.

1. Robustness
2. Data
3. Features
4. Virtuality

Question Number : 39 Question Id : 70959711280 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

When an attack or threat is coupled with a demand for money or some other response in return for stopping or remediating the attack, it is called as

1. Cyber squatting
2. Cyber vandalism
3. Cyber extortion
4. Vishing

Question Number : 40 Question Id : 70959711281 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

It listens to all incoming and outgoing network traffic and records an instance of packet that contains a password.

1. Code-word sniffer
2. Password Sniffer
3. Packet sniffer
4. All the above

Question Number : 41 Question Id : 70959711282 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which refers to the process of spying the company's information?

1. Espionage
2. Fraud
3. Stalking
4. Pornography

Question Number : 42 Question Id : 70959711283 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Predict the factor, based on which criminal signatures and modus operandi are differentiated during crime analysis process.

1. Universality
2. Uniqueness
3. Accuracy
4. Complexity

Question Number : 43 Question Id : 70959711284 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The crime analysis process will cease to exist in the absence of

1. Code
2. Data
3. Function
4. Tool

Question Number : 44 Question Id : 70959711285 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The main mode of non-verbal communication

1. Voice
2. Gestures
3. Writing
4. Facial expressions

Question Number : 45 Question Id : 70959711286 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The length of time to maintain log data in an organization is dependent on

1. Data retention policies of the Organization
2. Data volume
3. Policy guidelines
4. Both 1 and 2

Question Number : 46 Question Id : 70959711287 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Analyse the statements below and answer them as TT, TF, FT or FF based on the characteristics of cyber-punk.(T-True, F-False)

i. Motivated by opportunity to grab media attention

ii. Cyber-punk attackers conduct network attacks

1. TT
2. TF
3. FT
4. FF

Question Number : 47 Question Id : 70959711288 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

This is based on scientific methods and procedures.

1. Investigation method
2. Behavior profiling
3. Computer forensics
4. Stylometry

Question Number : 48 Question Id : 70959711289 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which profiling has an evidence-based foundation?

1. Behavioral
2. Deductive
3. Inductive
4. Crime

Question Number : 49 Question Id : 70959711290 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

An investigative technique in criminology that involves the study of nature and influences of the criminal behaviour is known as.

1. Deductive profiling
2. Inductive profiling
3. Psychological profiling
4. Offender profiling

Question Number : 50 Question Id : 70959711291 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which cybercrime investigation step is known as assessing the situation?

1. Gathering information
2. Questioning
3. Identifying evidence
4. Analyzing results

Question Number : 51 Question Id : 70959711292 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

This is a key issue in psychological profiling.

1. Individual differentiation
2. Inference in offender characteristics
3. Behavioral consistency
4. Offender's theme

Question Number : 52 Question Id : 70959711293 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A branch of forensics science that refines the examination of evidences.

1. Evidence collection
2. Crime analysis
3. Crime investigation
4. Digital forensics

Question Number : 53 Question Id : 70959711294 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

This is the foremost issue faced by the forensic experts.

1. Cloud forensics
2. Lack of training and resources
3. Device proliferation
4. Encryption

Question Number : 54 Question Id : 70959711295 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Any illegitimate activity performed by a worker can be traced using

1. Forensic tool
2. Computer policy
3. Security tool
4. Cloud forensic

Question Number : 55 Question Id : 70959711296 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Forensics Investigators can find evidences from

1. Registry
2. Browsers
3. Third-party applications
4. All the above

Question Number : 56 Question Id : 70959711297 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The digital evidences involved in computer crime

1. System logs
2. Word processing files
3. Image records
4. All the above

Question Number : 57 Question Id : 70959711298 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Choose the phase of computer forensics investigation that works in association with criminal detectives.

1. Evidence examination
2. Documenting
3. Reporting
4. Evidence assessment

Question Number : 58 Question Id : 70959711299 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Recall the technique that gathers data from the system before it shuts down.

1. Static acquisition
2. Dead forensic acquisition
3. Dead analysis
4. Live analysis

Question Number : 59 Question Id : 70959711300 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

This is the rule used to store and manage the evidence.

1. 2-1 rule
2. 2+1 rule
3. 2n+1 rule
4. 2n-1 rule

Question Number : 60 Question Id : 70959711301 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Pick out the broad term that is used to cover the overall Internet and the World Wide Web with respect to legal and regulatory aspects.

1. Cyber Law
2. Cyber Aspects
3. Cyber Issue
4. Cyber Security

Question Number : 61 Question Id : 70959711302 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following records and stores user's statistics on different websites?

1. Spamming
2. Web bugs
3. Cookies
4. Both B and C

Question Number : 62 Question Id : 70959711303 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

This Act aimed at providing the legal infrastructure for E-Commerce in India.

1. Indian Penal Code
2. Information Technology Act 2000
3. Indian Evidence Act
4. Reserve Bank of India Act

Question Number : 63 Question Id : 70959711304 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Match the following issue types with respect to cyberlaw.

1. Privacy issue - Access rights

2. Legal issue - Domain Name Issues

3. Ethical issue - Web-tracking

1.   3 2 1

2.   3 1 2

3.   2 1 3

4.   2 3 1

Question Number : 64 Question Id : 70959711305 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following holds different types of data in electronic documents?

1.   Nodes

2.   Blocks

3.   Structures

4.   Records

Question Number : 65 Question Id : 70959711306 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The visual symbol that helps the consumers to distinguish between other goods or services.

1.   Industrial designs

2.   Trademark

3.   Patents

4.   Geographical indication of goods

Question Number : 66 Question Id : 70959711307 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Determine the correct and incorrect statements regarding
Anti- Money Laundering Act from the following:

    i.   It forces the financial institutions to monitor their
        clients from money corruption

    ii.   It Verifies client-identity, maintains records and
        furnishes information in prescribed form to
        Financial Intelligence Unit – India

1. Only i is correct and ii is incorrect
2. Both i and ii are incorrect
3. Both i and ii are correct
4. Either i or ii is incorrect

Question Number : 67 Question Id : 70959711308 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Who is given the power to hear appeals against the orders
of the Adjudicating Authority?

1. Burden of Proof
2. Judges
3. Lawyers
4. Appellate Tribunal

Question Number : 68 Question Id : 70959711309 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

These Statements by witnesses are also considered as
evidences in inquiry.

1. Electronic evidence
2. Oral evidence
3. Secondary evidence
4. Documentary evidence

Question Number : 69 Question Id : 70959711310 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

This plays a major role in the country to save people from
threats and cyberattacks.

1. Threat handling
2. Attack handlers
3. Incident management
4. Cyber law

**Question Number : 70 Question Id : 70959711311 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

The section deals with the offenses regarding the damages
caused to the information in a computer system.

1. Section 67
2. Section 68
3. Section 66
4. Section 71

**Question Number : 71 Question Id : 70959711312 Question Type : MSQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

Data exchanged in cyberspace can be in the form of

1. Text
2. Audio/video
3. Image
4. Real money

**Question Number : 72 Question Id : 70959711313 Question Type : MSQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

Choose the Factors that threaten the security of an
Information system.

1. Firewalls
2. Lack of awareness
3. Wide-open Internet access
4. Network traffic

Question Number : 73 Question Id : 70959711314 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Core functions of Cyber Security are

1. Detect

2. React

3. Respond

4. Recover

Question Number : 74 Question Id : 70959711315 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A stolen password is useless in Two-factor authentication

because of

1. Strong passwords

2. Security token

3. One Time Passwords

4. Card details

Question Number : 75 Question Id : 70959711316 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Determine the consequences of Drive by download attack.

1. Checking the Message Digest

2. Malware scattering

3. Installation of malicious files

4. Downloading unwanted programs

Question Number : 76 Question Id : 70959711317 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Attacks that take place on different network nodes include

1. Blackhole

2. Byzantine wormhole

3. Byzantine overlay network wormhole

4. Flood rushing attack

Question Number : 77 Question Id : 70959711318 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

These malwares self-replicate, steal information and delete
data

1. Logic bombs
2. Trojans
3. Viruses
4. Worms

Question Number : 78 Question Id : 70959711319 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Instances of configuration weakness are

1. Unsecured user accounts
2. System accounts with weak passwords
3. Unsecured default settings
4. Operating system weakness

Question Number : 79 Question Id : 70959711320 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The performance metrics of Intrusion Prevention System
include

1. Higher false positives
2. Low redundancy
3. Threat blocking capability
4. Attack Identification

Question Number : 80 Question Id : 70959711321 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Group the methods that help in limiting the exposure of
network.

1. Threat awareness
2. Vulnerability assessment
3. Dissemination testing
4. Risk analysis

Question Number : 81 Question Id : 70959711322 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

These techniques are the important techniques used to implement Intrusion Detection System.

1. False positives
2. Fuzzy logic
3. Clustering
4. Bayesian Interference

Question Number : 82 Question Id : 70959711323 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Summarize the actions taken by Intrusion Prevention System against network threats.

1. Transform, alter
2. Notify, filter
3. Block, reconnect
4. Transmit, store

Question Number : 83 Question Id : 70959711324 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A user can be authenticated based on the usage of.

1. Credit cards
2. Fingerprints
3. Memory tokens
4. Pass code

Question Number : 84 Question Id : 70959711325 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The selection of a particular authentication method is based on

1. Implementation
2. Effectiveness
3. User acceptance
4. Individuality

Question Number : 85 Question Id : 70959711326 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The properties that affect the matching process of unimodal biometrics are

1. Non-universality
2. Distinctiveness
3. Noise
4. Intra-class variations

Biometric authentication is used in

1. Border security
2. Single sign-on
3. Retail sales
4. Electronic banking

In Bell-LaPadula model, the properties that ensure issuing security labels for objects

1. Strong Tranquility Property
2. Weak Tranquility Property
3. Translation Property
4. High Security Property

Network security can be enhanced through

1. Weak encryption techniques
2. Strong authentication methods
3. Data Encryption
4. Internal security audit

Identify the defense layers in Comodo Advanced Endpoint
Protection software.

1. Virus cope
2. Auto-sandbox
3. Firewall
4. Host Intrusion Prevention

Question Number : 90 Question Id : 70959711331 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The properties of windows firewall are

1. Non interactive
2. Interactive
3. Gives permissions to unwanted cases
4. Denies permission

Question Number : 91 Question Id : 70959711332 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Select the methods that are used to assess and support

the mail system and its environment.

1. Vulnerability scanning
2. Port scanning
3. Malware scanning
4. Spam filtering

Question Number : 92 Question Id : 70959711333 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Any mobile device can be secured using these techniques.

1. Single-layer techniques
2. Multi-layer techniques
3. Unified techniques
4. Wi-Fi security techniques

Question Number : 93 Question Id : 70959711334 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Virtual Private Cloud is advantageous compared to these

types of clouds.

1. Private
2. Community
3. Public
4. Hybrid

Question Number : 94 Question Id : 70959711335 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Infer the different forms of injection flaws that occur during the interpretation of a command or query.

1.   Internet Protocol
2.   Structured Query Language
3.   Operating Systems
4.   Light-weight Directory Access Protocol

Question Number : 95 Question Id : 70959711336 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Significant attacks on wireless networks are

1.   ARP spoofing
2.   Hidden nodes
3.   DHCP starvation
4.   De-authentication

Question Number : 96 Question Id : 70959711337 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following cannot be applied to control systems?

1.   Regulatory structures
2.   Software patches
3.   Regular updates
4.   Legal functions

Question Number : 97 Question Id : 70959711338 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The control layer attacks of CPS are

1.   User privacy dissipation
2.   User policy control
3.   Components misuse
4.   Insufficient security ethics

Question Number : 98 Question Id : 70959711339 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

These type of threats redirect users to inappropriate webpages.

1. Imposter accounts
2. Phishing
3. Scams
4. Unattended accounts

Question Number : 99 Question Id : 70959711340 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Observe the suitable forms through which virtual currency can be implemented.

1. Loyalty points
2. Social networks
3. Banks
4. Agencies

Question Number : 100 Question Id : 70959711341 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The different forms of blockchain are

1. Public
2. De-centralized
3. Centralized
4. Distributed

Question Number : 101 Question Id : 70959711342 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The advantages of blockchain architecture are

1. Maintenance
2. Cost reduction
3. Data validity
4. Structure

Question Number : 102 Question Id : 70959711343 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The Security auditor's plan includes

1. Firewall Blocking
2. Firewall Certification
3. Restrict login
4. Review router configuration

Question Number : 103 Question Id : 70959711344 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Determine the consequences of cyber bullying.

1. False accusations
2. Identity theft
3. Harassment of an individual
4. Monetary benefits

Question Number : 104 Question Id : 70959711345 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The major results of cyber-attacks

1. Financial loss
2. Financial gain
3. Disruption of operational services
4. Building of trust

Question Number : 105 Question Id : 70959711346 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Analyse the primary purpose of cybersquatting.

1. Enhance the website look
2. Steal the domain name
3. Destroy unwanted content
4. Profit from increasing website visits

Question Number : 106 Question Id : 70959711347 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following are undermined by cyber-warfare?

1. Networks
2. Websites
3. Computers
4. Services

Question Number : 107 Question Id : 70959711348 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The Administrative crime analysis focuses mainly on

1. Social information
2. Economic information
3. Long-range problems
4. Identifying specific problems

Question Number : 108 Question Id : 70959711349 Question Type : MSQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Computational text analysis is also termed as

1. Micro analysis
2. Distant reading
3. Macro analysis
4. Not reading

Question Number : 109 Question Id : 70959711350 Question Type : MSQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

A well-defined security incident plan includes

1. Stop incidents
2. Effective security incident handling
3. Maximize procedures
4. Minimize damage

Question Number : 110 Question Id : 70959711351 Question Type : MSQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The monitoring approaches for automatic human behavior

and activity evaluation are

1. Vision-based
2. Character-based
3. Sensor-based
4. Light-based

Question Number : 111 Question Id : 70959711352 Question Type : MSQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The different stages of criminal proceedings in which the

court is concerned are

1. Inquiry
2. Crime identification
3. Trial
4. Analysis

Question Number : 112 Question Id : 70959711353 Question Type : MSQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Produce the objectives of criminal profiling.

1. Analysing the procedures
2. Identifying the crime scene
3. Understanding the criminal using forensic evidence
4. Taking necessary actions

Question Number : 113 Question Id : 70959711354 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The analysis of the suspect's Internet cache helps to

1. View Financial status
2. Modify offender characteristics
3. Search query
4. Assist investigation

Question Number : 114 Question Id : 70959711355 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Identify the technical issues found in digital forensics process.

1. Encryption and accepted standards
2. Encryption and anti-forensics
3. Anti-forensics and fit-to-practise
4. Increasing storage space

Question Number : 115 Question Id : 70959711356 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The objectives of digital forensics are

1. Perform data acquisition
2. Recover deleted digital media
3. Conserve the evidence
4. Present digital forensics results

Question Number : 116 Question Id : 70959711357 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The forensic firm must be selected based on these pricing models.

1. Sustainer
2. Retainer
3. Flat fee per incident
4. Methods adopted

Question Number : 117 Question Id : 70959711358 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Identify the methods used through which Cyber events can be handled more effectively.

1. Accomplish regular system backups
2. Uncover hash file database
3. Update systems
4. Launch data retention policies

Question Number : 118 Question Id : 70959711359 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the basic steps involved in all computer forensic models.

1. Investigation preparation
2. Analysis
3. Examination
4. Reporting

Question Number : 119 Question Id : 70959711360 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

List the methods used in examining and analysing digital evidences during digital forensics investigation process.

1. Physical imaging
2. Keyword search
3. File carving
4. Logical imaging

Question Number : 120 Question Id : 70959711361 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The details of the evidence that must be specified during documentation and conservation are

1. Security settings
2. Hardware specification
3. Victim investigative system
4. Type of incident

Question Number : 121 Question Id : 70959711362 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Identify the best practices for collecting the evidences.

1. Suspect identification
2. Analyzing duplicates
3. Seizing the originals under constrained protection
4. Meaning of evidence

Question Number : 122 Question Id : 70959711363 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The analysis techniques involved in reconstructing extracted data during digital forensics are

1. Behavioral Analysis
2. Relational Analysis
3. Crime Analysis
4. Functional Analysis

Question Number : 123 Question Id : 70959711364 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Predict the features that come under cyber law

1. Intellectual property
2. Data privacy
3. Freedom of expression
4. Data analysis

Question Number : 124 Question Id : 70959711365 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Determine the factors involved in developing a sound cyber security policy

1. Update software and system
2. Maintain Industry compliance
3. Physical securing of Information assets
4. Conducting top-to-bottom security audit

Question Number : 125 Question Id : 70959711366 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The Cyber and Internet related crimes that do not come under ITA are

1. Tampering of electronic documents
2. Chatroom abuse
3. Breach of privacy
4. Cyber defamation

Question Number : 126 Question Id : 70959711367 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The important amendments in Information Technology Act

2008 focus on

1.   Penalties for specific act violation

2.   Disruption of services

3.   Appropriate level of compensation

4.   Setting up authority for implementation of laws

Question Number : 127 Question Id : 70959711368 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The advantages of using electronic documents are

1.   Stored easily

2.   Less storage capacity

3.   Retrieved quickly

4.   Accessed efficiently

Question Number : 128 Question Id : 70959711369 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The cybercrimes that come under Indian Penal Code are

1.   Data diddling

2.   Forgery

3.   Internet time theft

4.   Salami attack

Question Number : 129 Question Id : 70959711370 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

These are included under Copyright act of Intellectual

property.

1.   Articles

2.   Patents

3.   Trademarks

4.   Sculptures

Question Number : 130 Question Id : 70959711371 Question Type : MSQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Examples for Indian geographical indication of goods

1. Tussar silk
2. Nagpur orange
3. Darjeeling tea
4. Solapur coffee