

National Testing Agency

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Information Security and Cyber Forensics

Group Number :	1
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Is this Group for Examiner? :	No

Information Security and Cyber Forensics -1

Section Id :	603489368
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory

Number of Questions :	100
Number of Questions to be attempted :	100
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	603489684
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 60348917956 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Database is an organized collection of related:

1. Modules.
2. Data.
3. Programs.
4. None of the above

Options :

60348967637. 1

60348967638. 2

60348967639. 3

60348967640. 4

Question Number : 2 Question Id : 60348917957 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The value of information is directly linked to _____

1. Its simplicity.
2. Its accuracy and completeness.
3. Its variability.
4. Its security.

Options :

60348967641. 1

60348967642. 2

60348967643. 3

60348967644. 4

Question Number : 3 Question Id : 60348917958 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In _____ organization, authority is delegated down the hierarchy.

1. Traditional.
2. Classical.
3. Operational.
4. Absolute.

Options :

60348967645. 1

60348967646. 2

60348967647. 3

60348967648. 4

Question Number : 4 Question Id : 60348917959 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

_____ were used, before the usage of DBMS.

1. Data system.
2. File management system.
3. Cloud system.
4. None of the above

Options :

60348967649. 1

60348967650. 2

60348967651. 3

60348967652. 4

Question Number : 5 Question Id : 60348917960 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

DDL stands for _____

1. Data definition language
2. Data device latency
3. Data definition level
4. None of the above

Options :

60348967653. 1

60348967654. 2

60348967655. 3

60348967656. 4

Question Number : 6 Question Id : 60348917961 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the use of DBMS?

1. Eliminate data redundancy.
2. Maintain data integrity.
3. Establish relationship among different operating system.
4. Both 1 and 2.

Options :

60348967657. 1

60348967658. 2

60348967659. 3

60348967660. 4

Question Number : 7 Question Id : 60348917962 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which one of the following designs is both software and hardware independent?

1. Conceptual.
2. Physical.
3. Logical.
4. None of the above

Options :

60348967661. 1

60348967662. 2

60348967663. 3

60348967664. 4

Question Number : 8 Question Id : 60348917963 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A Schema is

1. Data elements.
2. Record relationships
3. Record and files.
4. All of the above

Options :

60348967665. 1

60348967666. 2

60348967667. 3

60348967668. 4

Question Number : 9 Question Id : 60348917964 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The term "Data" refers to

1. Electronic representation.
2. Raw facts and figure
3. Both 1 and 2.
4. None of the above

Options :

60348967669. 1

60348967670. 2

60348967671. 3

60348967672. 4

Question Number : 10 Question Id : 60348917965 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which one of the following supports transaction of data?

1. Data warehouse.
2. Data mart.
3. Data Cube.
4. Database system

Options :

60348967673. 1

60348967674. 2

60348967675. 3

60348967676. 4

Question Number : 11 Question Id : 60348917966 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which technique separates data into various categories?

1. Classification.
2. Validation.
3. Summarization.
4. Sorting.

Options :

60348967677. 1

60348967678. 2

60348967679. 3

60348967680. 4

Question Number : 12 Question Id : 60348917967 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Pictures, numbers, words presented without any context are known as:

1. Information.
2. Data.
3. Knowledge.
4. Wisdom.

Options :

60348967681. 1

60348967682. 2

60348967683. 3

60348967684. 4

Question Number : 13 Question Id : 60348917968 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Who proposed the theory: "Information reduces uncertainty"

1. Bill Gates.
2. Charles Babbage.
3. Simon Jack.
4. Claude Shannon.

Options :

60348967685. 1

60348967686. 2

60348967687. 3

60348967688. 4

Question Number : 14 Question Id : 60348917969 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which one of the following is correct for IT/ICT?

1. It increases the reach of information.
2. It increases the richness of information.
3. It can reduce information asymmetry.
4. All of the above.

Options :

60348967689. 1

60348967690. 2

60348967691. 3

60348967692. 4

Question Number : 15 Question Id : 60348917970 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Knowledge written in the form of instructions is called as:

1. Explicit knowledge
2. Tacit knowledge.
3. Embodied knowledge.
4. Deep knowledge.

Options :

60348967693. 1

60348967694. 2

60348967695. 3

60348967696. 4

Question Number : 16 Question Id : 60348917971 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

"Tacit knowledge" is not

1. Diffusible.
2. Sharable.
3. Expandable.
4. Transmittable.

Options :

60348967697. 1

60348967698. 2

60348967699. 3

60348967700. 4

Question Number : 17 Question Id : 60348917972 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Daily Attendance record of a class is an example of:

1. Tactical information.
2. Transmittable Information
3. Strategic information.
4. Operational information.

Options :

60348967701. 1

60348967702. 2

60348967703. 3

60348967704. 4

Question Number : 18 Question Id : 60348917973 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is a malicious software?

1. Malicosware.
2. Microwvare.
3. Malware.
4. Mintoware.

Options :

60348967705. 1

60348967706. 2

60348967707. 3

60348967708. 4

Question Number : 19 Question Id : 60348917974 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Virus stands for-----

1. Very intelligent result until source.
2. Very intelligence result until source.
3. Vital Information recourse under seize.
4. Vital Information refill under seize.

Options :

60348967709. 1

60348967710. 2

60348967711. 3

60348967712. 4

Question Number : 20 Question Id : 60348917975 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following virus overhauls computer system, when it boot books and destroys information?

1. System infectors.
2. Steal virus.
3. Stealth Virus.
4. Trojan Horse.

Options :

60348967713. 1

60348967714. 2

60348967715. 3

60348967716. 4

Question Number : 21 Question Id : 60348917976 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Keylogger is a

1. Spyware.
2. Firmware.
3. Antivirus.
4. All of the above.

Options :

60348967717. 1

60348967718. 2

60348967719. 3

60348967720. 4

Question Number : 22 Question Id : 60348917977 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following describes programs that can run independently, travels from system to system and disrupt computer communication?

1. Virus.
2. Worm.
3. Dropper.
4. Malsin.

Options :

60348967721. 1

60348967722. 2

60348967723. 3

60348967724. 4

Question Number : 23 Question Id : 60348917978 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

----- are attempts by individuals to obtain confidential information from you to falsifying their identity.

1. Computer viruses.
2. Phishing scams.
3. Phishing trips.
4. Spyware scams.

Options :

60348967725. 1

60348967726. 2

60348967727. 3

60348967728. 4

Question Number : 24 Question Id : 60348917979 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The altering of data so that it is not usable unless the changes are undone is.

1. Ergonomics.
2. Compression.
3. Biometrics.
4. Encryption.

Options :

60348967729. 1

60348967730. 2

60348967731. 3

60348967732. 4

Question Number : 25 Question Id : 60348917980 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

.....means data, record received or sent in an electronic form or micro film or computer generated micro fiche as per the [section 2(1)(t) of IT Act, 2000].

1. Electronic document.
2. Electronic Record.
3. Hard Record.
4. Hard Document.

Options :

- 60348967733. 1
- 60348967734. 2
- 60348967735. 3
- 60348967736. 4

**Question Number : 26 Question Id : 60348917981 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

----- is a process of authentication of an electronic record.

1. Digital Signature Certificate.
2. Digital Key.
3. Key certificate.
4. Analog Signature.

Options :

- 60348967737. 1
- 60348967738. 2
- 60348967739. 3
- 60348967740. 4

**Question Number : 27 Question Id : 60348917982 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Ecommerce is the commercial transaction of services in a/an

1. Mechanical format.
2. Electronic format.
3. Stone.
4. Paper.

Options :

60348967741. 1

60348967742. 2

60348967743. 3

60348967744. 4

Question Number : 28 Question Id : 60348917983 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

-----is a generic term which refers to all the legal and regulatory aspects of Internet and the World Wide Web.

1. Cyber Law.
2. Cyber café.
3. Cyber dyne.
4. Electronic Law.

Options :

60348967745. 1

60348967746. 2

60348967747. 3

60348967748. 4

Question Number : 29 Question Id : 60348917984 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is not a cyber crime?

1. Installing Firewall.
2. Cyber Bullying.
3. Ransomware.
4. Salami.

Options :

60348967749. 1

60348967750. 2

60348967751. 3

60348967752. 4

Question Number : 30 Question Id : 60348917985 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which one is not a goal of Cyber Security?

1. Availability.
2. Integrity.
3. Susceptibility.
4. Confidentiality.

Options :

60348967753. 1

60348967754. 2

60348967755. 3

60348967756. 4

Question Number : 31 Question Id : 60348917986 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

.....related to online harassment:

1. Cyber stalking and identity theft.
2. Data Diddling.
3. Identity theft.
4. Cyber Stalking and Cyber bullying.

Options :

60348967757. 1

60348967758. 2

60348967759. 3

60348967760. 4

Question Number : 32 Question Id : 60348917987 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Ethical hackers are also known as:

1. White Hat Hackers.
2. Black Hat Hackers.
3. Red Hat Hackers.
4. Green Hat Hackers

Options :

60348967761. 1

60348967762. 2

60348967763. 3

60348967764. 4

Question Number : 33 Question Id : 60348917988 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following characteristics classify a mail message as spam?

1. It is unsolicited and indiscriminately addressed.
2. It is solicited and indiscriminately addressed.
3. It is unsolicited and contains advertising.
4. It is solicited and contains advertising.

Options :

60348967765. 1

60348967766. 2

60348967767. 3

60348967768. 4

Question Number : 34 Question Id : 60348917989 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Basic activity that can be used to prevent hacking?

1. Do not connect your system to internet.
2. Use Strong password.
3. Use free antivirus.
4. Never allow someone else to operate your system.

Options :

60348967769. 1

60348967770. 2

60348967771. 3

60348967772. 4

Question Number : 35 Question Id : 60348917990 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

..... is a correct security standard.

1. ISO/IEC 26000.
2. ISO/IEC 27000.
3. ISO/IEC 31000.
4. ISO/IEC 30000.

Options :

60348967773. 1

60348967774. 2

60348967775. 3

60348967776. 4

Question Number : 36 Question Id : 60348917991 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In the CIA Triad, which one of the following is not involved?

1. Authentication.
2. Availability.
3. Confidentiality.
4. Integrity.

Options :

60348967777. 1

60348967778. 2

60348967779. 3

60348967780. 4

Question Number : 37 Question Id : 60348917992 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

When the receiver is not getting correct source information then which type of security goal is violated?

1. Availability.
2. Access control.
3. Authentication.
4. Confidentiality.

Options :

60348967781. 1

60348967782. 2

60348967783. 3

60348967784. 4

Question Number : 38 Question Id : 60348917993 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which type of Security is to secure its computer network and data using both hardware and software systems in any enterprise or organization?

1. Data Security.
2. Cyber Security.
3. Network Security.
4. Computer Security.

Options :

60348967785. 1

60348967786. 2

60348967787. 3

60348967788. 4

Question Number : 39 Question Id : 60348917994 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

.....is chapter IX in IT ACT 2000?

1. Digital Evidence.
2. Digital Signature.
3. Offences.
4. Penalties.

Options :

60348967789. 1

60348967790. 2

60348967791. 3

60348967792. 4

Question Number : 40 Question Id : 60348917995 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The IT ACT 2000 is the primary law in India dealing with

1. Cyber crime.
2. E-Commerce.
3. Both 1 and 2.
4. None of the above.

Options :

60348967793. 1

60348967794. 2

60348967795. 3

60348967796. 4

Question Number : 41 Question Id : 60348917996 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is not a type of peer-to-peer cyber-crime?

1. Phishing.
2. Injecting Trojans to a target victim.
3. MITM.
4. Credit card details leak in deep web.

Options :

60348967797. 1

60348967798. 2

60348967799. 3

60348967800. 4

Question Number : 42 Question Id : 60348917997 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is not an example of a computer as weapon in cyber-crime?

1. Credit card fraudulent.
2. Spying on someone using keylogger.
3. IPR Violation.
4. Pornography.

Options :

60348967801. 1

60348967802. 2

60348967803. 3

60348967804. 4

Question Number : 43 Question Id : 60348917998 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which is the desirable step used for cyber investigation in live forensic?

1. Imaging.
2. Copying.
3. Dumping.
4. None of the above.

Options :

60348967805. 1

60348967806. 2

60348967807. 3

60348967808. 4

Question Number : 44 Question Id : 60348917999 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

When security expert collects Non volatile data as digital evidences, then which will be treated as more authentic process?

1. Imaging.
2. Copying.
3. Dumping.
4. None of the above.

Options :

60348967809. 1

60348967810. 2

60348967811. 3

60348967812. 4

Question Number : 45 Question Id : 60348918000 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

When shutting down a computer, what information is typically lost?

1. Data in RAM memory.
2. Running processes.
3. Current network connections.
4. All of the above.

Options :

60348967813. 1

60348967814. 2

60348967815. 3

60348967816. 4

Question Number : 46 Question Id : 60348918001 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the most important legal feature about digital evidence?

1. Admissibility of digital evidence.
2. Collection of digital evidence.
3. Presentation of digital evidence.
4. Analysis of digital evidence.

Options :

60348967817. 1

60348967818. 2

60348967819. 3

60348967820. 4

Question Number : 47 Question Id : 60348918002 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which could not be the source of digital evidence?

1. Web Pages.
2. Voice mail.
3. Fax.
4. Xerox.

Options :

60348967821. 1

60348967822. 2

60348967823. 3

60348967824. 4

Question Number : 48 Question Id : 60348918003 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

..... is the highest volatile digital evidence?

1. Register.
2. RAM.
3. Secondary Memory.
4. Network topology.

Options :

60348967825. 1

60348967826. 2

60348967827. 3

60348967828. 4

Question Number : 49 Question Id : 60348918004 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Computer memory files written to the hard drive are called.....

1. Metadata.
2. Swap files.
3. Spool files.
4. User profiles.

Options :

60348967829. 1

60348967830. 2

60348967831. 3

60348967832. 4

Question Number : 50 Question Id : 60348918005 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Digital forensics process does not include?

1. Identification.
2. Data Creation.
3. Analysis.
4. Presentation.

Options :

60348967833. 1

60348967834. 2

60348967835. 3

60348967836. 4

Question Number : 51 Question Id : 60348918006 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

How does full disk encryption differs from file level encryption?

1. It protects specific files that are manually encrypted.
2. It encrypt the file using encryption technique and provide the decryption key whenever there is a need of decryption.
3. It secures all data stored on your hard drives automatically and transparently including swap files and hidden files without any user intervention.
4. It generally depends on the user to perform some action to ensure that files are encrypted before storage.

Options :

60348967837. 1

60348967838. 2

60348967839. 3

60348967840. 4

Question Number : 52 Question Id : 60348918007 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The duplication method that produces an exact replica of the original hard drive is known as:

1. Bit-Stream Copy.
2. Image Copy.
3. Mirror Copy.
4. Drive Image.

Options :

60348967841. 1

60348967842. 2

60348967843. 3

60348967844. 4

Question Number : 53 Question Id : 60348918008 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the desirable condition required to size digital evidence at crime scene?

1. Pull the plug of computer.
2. Not to pull the plug of computer.
3. Both 1 and 2.
4. None of the above.

Options :

60348967845. 1

60348967846. 2

60348967847. 3

60348967848. 4

Question Number : 54 Question Id : 60348918009 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the full form of MBR in context of digital evidence?

1. Main Boot Record.
2. Master Boot Record.
3. Mega Boot Record.
4. Massive Boot record.

Options :

60348967849. 1

60348967850. 2

60348967851. 3

60348967852. 4

Question Number : 55 Question Id : 60348918010 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What are the most important aspects of authentication?

1. Maintain the forensic evidence.
2. Maintaining and documenting the continuity of possession of evidence.
3. Prove that forensic evidence is not manipulated.
4. To prove extraneous information is accurate.

Options :

60348967853. 1

60348967854. 2

60348967855. 3

60348967856. 4

Question Number : 56 Question Id : 60348918011 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which one is not a branch of Digital Forensics?

1. Computer Data Analytic.
2. Database Forensics.
3. Forensics data analysis.
4. Network Forensics.

Options :

60348967857. 1

60348967858. 2

60348967859. 3

60348967860. 4

Question Number : 57 Question Id : 60348918012 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What do you understand by a forensic copy?

1. Make a copy of a file from pen drive.
2. Take copy of a file from hard disk.
3. A bit-by-bit, sector-by-sector direct copy of a physical storage device.
4. Take the image of any file.

Options :

60348967861. 1

60348967862. 2

60348967863. 3

60348967864. 4

Question Number : 58 Question Id : 60348918013 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is first phase of cyber investigation process as per DFRWS model?

1. Identification.
2. Preservation.
3. Collection.
4. Planning.

Options :

60348967865. 1

60348967866. 2

60348967867. 3

60348967868. 4

Question Number : 59 Question Id : 60348918014 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which is not a part of scientific approach of DF?

1. Hypothesis.
2. Collection of facts.
3. Imaging.
4. Testing.

Options :

60348967869. 1

60348967870. 2

60348967871. 3

60348967872. 4

Question Number : 60 Question Id : 60348918015 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

.....is a forensic study of databases and their metadata.

1. Computer Forensic.
2. Database Forensics.
3. Network Forensic.
4. Live Forensic.

Options :

60348967873. 1

60348967874. 2

60348967875. 3

60348967876. 4

Question Number : 61 Question Id : 60348918016 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which one is not the method of extracting evidence for mobile devices?

1. Physical acquisition.
2. Logical acquisition.
3. Software acquisition.
4. System files acquisition.

Options :

60348967877. 1

60348967878. 2

60348967879. 3

60348967880. 4

Question Number : 62 Question Id : 60348918017 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which command is used for tracking the history of logged on users?

1. who.
2. lastlog.
3. last.
4. netusers.

Options :

60348967881. 1

60348967882. 2

60348967883. 3

60348967884. 4

Question Number : 63 Question Id : 60348918018 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

One-way hash function provides _____

1. Confidentiality.
2. Availability.
3. Integrity.
4. Authentication.

Options :

60348967885. 1

60348967886. 2

60348967887. 3

60348967888. 4

Question Number : 64 Question Id : 60348918019 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Digital Signature does not provide _____

1. Authentication.
2. Integrity.
3. Confidentiality.
4. Non-repudiation.

Options :

60348967889. 1

60348967890. 2

60348967891. 3

60348967892. 4

Question Number : 65 Question Id : 60348918020 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Cryptanalysis is an art of _____

1. Designing system security.
2. Breaking system security.
3. Designing cryptographic code.
4. Breaking cryptographic code.

Options :

60348967893. 1

60348967894. 2

60348967895. 3

60348967896. 4

Question Number : 66 Question Id : 60348918021 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following terms best describes the weakness in a system that may possibly be exploited?

1. Threat.
2. Vulnerability.
3. Weakest link.
4. Risk.

Options :

60348967897. 1

60348967898. 2

60348967899. 3

60348967900. 4

Question Number : 67 Question Id : 60348918022 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following would assist the most in Host Based intrusion detection?

1. Audit trails.
2. Access control lists.
3. Security clearances.
4. Host-based authentication.

Options :

60348967901. 1

60348967902. 2

60348967903. 3

60348967904. 4

Question Number : 68 Question Id : 60348918023 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

White-hat hacker.

1. Breaks security of a system with bad intention.
2. Breaks security of a system with good intention.
3. Write code to protect system security.
4. None of the above.

Options :

60348967905. 1

60348967906. 2

60348967907. 3

60348967908. 4

Question Number : 69 Question Id : 60348918024 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following attacks involves luring the victim into believing that it is talking to the intended entity?

1. Masquerading.
2. Snooping.
3. Tampering.
4. Wiretapping.

Options :

60348967909. 1

60348967910. 2

60348967911. 3

60348967912. 4

Question Number : 70 Question Id : 60348918025 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Risk management is _____

1. Risk elimination.
2. Risk mitigation.
3. Risk assessment.
4. Risk assessment and taking corrective countermeasure.

Options :

60348967913. 1

60348967914. 2

60348967915. 3

60348967916. 4

Question Number : 71 Question Id : 60348918026 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Disaster recovery planning is a process of _____

1. Encryption/decryption.
2. Denial-of-service attack.
3. Access control.
4. Risk management.

Options :

60348967917. 1

60348967918. 2

60348967919. 3

60348967920. 4

Question Number : 72 Question Id : 60348918027 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The PDCA cycle for security risk management stands for _____

1. Plan-Do-Check-Act.
2. Protect-Detect-Challenge-Action.
3. Prevent-Domain-Checkpoint-Attack.
4. None of the above.

Options :

60348967921. 1

60348967922. 2

60348967923. 3

60348967924. 4

Question Number : 73 Question Id : 60348918028 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following attacks disrupts data availability?

1. Spoofing.
2. Denial of service attack.
3. Tampering.
4. Snooping.

Options :

60348967925. 1

60348967926. 2

60348967927. 3

60348967928. 4

Question Number : 74 Question Id : 60348918029 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is an example of an active attack?

1. Traffic analysis.
2. Man in the middle attack.
3. Guessing.
4. Shoulder surfing.

Options :

60348967929. 1

60348967930. 2

60348967931. 3

60348967932. 4

Question Number : 75 Question Id : 60348918030 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which one of the following is a passive network attack?

1. Traffic analysis.
2. Man in the middle attack.
3. UDP Flooding.
4. TCP flood.

Options :

60348967933. 1

60348967934. 2

60348967935. 3

60348967936. 4

Question Number : 76 Question Id : 60348918031 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Digital signature does not ensure.

1. Authentication.
2. Confidentiality.
3. Integrity.
4. Non-repudiation.

Options :

60348967937. 1

60348967938. 2

60348967939. 3

60348967940. 4

Question Number : 77 Question Id : 60348918032 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The main drawback of Kerberos protocol is _____

1. Expensive.
2. Distributed database.
3. Single point failure.
4. Does not provide intended security.

Options :

60348967941. 1

60348967942. 2

60348967943. 3

60348967944. 4

Question Number : 78 Question Id : 60348918033 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The most important characteristic of a Strong password is _____

1. A mix of alpha-numeric symbols.
2. Length must be at least eight symbols.
3. A mix of random symbols.
4. None of the above.

Options :

60348967945. 1

60348967946. 2

60348967947. 3

60348967948. 4

Question Number : 79 Question Id : 60348918034 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Email using S/MIME or PGP can be used for _____

1. Message confidentiality.
2. Message authentication.
3. Both 1 and 2.
4. None of the above.

Options :

60348967949. 1

60348967950. 2

60348967951. 3

60348967952. 4

Question Number : 80 Question Id : 60348918035 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Email protocols work at _____

1. Application layer.
2. Network layer.
3. Transport layer.
4. Data link layer.

Options :

60348967953. 1

60348967954. 2

60348967955. 3

60348967956. 4

Question Number : 81 Question Id : 60348918036 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Digital signature uses _____

1. Public key for signing and private key for verification.
2. Private Key for signing and public key for verification.
3. Symmetric key for signing and private key for verification.
4. Pen for signing and eyes for verification.

Options :

60348967957. 1

60348967958. 2

60348967959. 3

60348967960. 4

Question Number : 82 Question Id : 60348918037 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following computer crime is more often associated with insiders?

1. Password sniffing.
2. Denial of Service.
3. IP spoofing.
4. Data diddling.

Options :

60348967961. 1

60348967962. 2

60348967963. 3

60348967964. 4

Question Number : 83 Question Id : 60348918038 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

_____ is the practice and precautions taken to protect valuable information from unauthorised access, recording, disclosure or destruction.

1. Network Security.
2. Database Security.
3. Physical Security.
4. Information Security.

Options :

- 60348967965. 1
- 60348967966. 2
- 60348967967. 3
- 60348967968. 4

**Question Number : 84 Question Id : 60348918039 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

AES uses a _____ bit block size and a key size of _____ bits.

1. 128; 128 or 256.
2. 64; 128 or 192.
3. 256; 128, 192, or 256.
4. 128; 128, 192, or 256.

Options :

- 60348967969. 1
- 60348967970. 2
- 60348967971. 3
- 60348967972. 4

**Question Number : 85 Question Id : 60348918040 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

From the options below, which of them is not a threat to information security?

1. Disaster.
2. Eavesdropping.
3. Information leakage.
4. Complex password.

Options :

60348967973. 1

60348967974. 2

60348967975. 3

60348967976. 4

Question Number : 86 Question Id : 60348918041 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

From the options below, which of them is not a vulnerability to information security?

1. Flood.
2. Without deleting data, disposal of storage media.
3. Unchanged default password.
4. Latest patches and updates not done.

Options :

60348967977. 1

60348967978. 2

60348967979. 3

60348967980. 4

Question Number : 87 Question Id : 60348918042 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Lack of access control policy is a _____

1. Bug.
2. Threat.
3. Vulnerability.
4. Attack.

Options :

60348967981. 1

60348967982. 2

60348967983. 3

60348967984. 4

Question Number : 88 Question Id : 60348918043 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Possible threat to any information cannot be _____

1. Reduced.
2. Transferred.
3. Protected.
4. Ignored.

Options :

60348967985. 1

60348967986. 2

60348967987. 3

60348967988. 4

Question Number : 89 Question Id : 60348918044 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

It can be a software program or a hardware device that filters all data packets coming through the internet, a network, etc. it is known as the _____:

1. Antivirus.
2. Cookies.
3. Firewall.
4. Malware.

Options :

60348967989. 1

60348967990. 2

60348967991. 3

60348967992. 4

**Question Number : 90 Question Id : 60348918045 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Which of the following refers to the violation of the principle if a computer is no more accessible?

1. Access control.
2. Confidentiality.
3. Availability.
4. All of the above.

Options :

60348967993. 1

60348967994. 2

60348967995. 3

60348967996. 4

**Question Number : 91 Question Id : 60348918046 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

The encryption techniques are primarily used for improving the _____

1. Security.
2. Performance.
3. Scalability.
4. Reliability.

Options :

60348967997. 1

60348967998. 2

60348967999. 3

60348968000. 4

Question Number : 92 Question Id : 60348918047 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

AES stands for _____

1. Advanced Encryption Security.
2. Advanced Encryption Standard.
3. Advanced Encrypted Standard.
4. Active Encryption Standard.

Options :

60348968001. 1

60348968002. 2

60348968003. 3

60348968004. 4

Question Number : 93 Question Id : 60348918048 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is not an example of a block cipher?

1. DES.
2. IDEA.
3. Ceasar cipher.
4. TwoFish.

Options :

60348968005. 1

60348968006. 2

60348968007. 3

60348968008. 4

Question Number : 94 Question Id : 60348918049 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

_____ is another data hiding technique which can be used in conjunction with cryptography for the extra-secure method of protecting data.

1. Cryptography.
2. Steganography.
3. Tomography.
4. Chorography.

Options :

60348968009. 1

60348968010. 2

60348968011. 3

60348968012. 4

Question Number : 95 Question Id : 60348918050 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The DES algorithm has a key length of:

1. 128 bits.
2. 112 bits.
3. 8 bits.
4. 56 bits.

Options :

60348968013. 1

60348968014. 2

60348968015. 3

60348968016. 4

Question Number : 96 Question Id : 60348918051 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

DES follows:

1. Hash Algorithm.
2. Caesars Cipher.
3. Feistel Cipher Structure.
4. SP Networks.

Options :

60348968017. 1

60348968018. 2

60348968019. 3

60348968020. 4

Question Number : 97 Question Id : 60348918052 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

When a hash function is used to provide message authentication, the hash function value is referred to as.

1. Message Field.
2. Message Digest.
3. Message Score.
4. Message Dual.

Options :

60348968021. 1

60348968022. 2

60348968023. 3

60348968024. 4

Question Number : 98 Question Id : 60348918053 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

_____ scans TCP ports and resolves different hostnames.

1. SuperScan.
2. Snort.
3. Ettercap.
4. Qualysguard.

Options :

60348968025. 1

60348968026. 2

60348968027. 3

60348968028. 4

Question Number : 99 Question Id : 60348918054 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Air cracking is used for _____

1. Wi-Fi attacks.
2. Packet filtering.
3. System password cracking.
4. System exploitation.

Options :

60348968029. 1

60348968030. 2

60348968031. 3

60348968032. 4

Question Number : 100 Question Id : 60348918055 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

_____ is the information gathering phase in ethical hacking from the target user.

1. Reconnaissance.
2. Gaining access.
3. Scanning.
4. Marinating access.

Options :

60348968033. 1

60348968034. 2

60348968035. 3

60348968036. 4