National Testing Agency

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Cyber Security

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Cyber Security

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Sub-Section Id :	899514288
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 89951415129 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

This term provides the basis for protection of information systems and data
1.External controls

2.Wide open access controls

3.Internal controls

4.Operational controls

Options :

89951459079. 1

89951459080. 2

89951459081. 3

89951459082. 4

Question Number : 2 Question Id : 89951415130 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Identify the step in Information System Security that helps to discover security breaches
1.Performing audits

2.Threat identification

3.Establishing controls

4.Uncover the problem

Options :

89951459083. 1

89951459084. 2

89951459085. 3
89951459086. 4

Question Number : 3 Question Id : 89951415131 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The possibility for violation of Security is known as
1.Vulnerability

2.Threat

3.Attack

4.Risk

Options :
89951459087. 1
89951459088. 2
89951459089. 3
89951459090. 4

Question Number : 4 Question Id : 89951415132 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Specify the type of characteristic of Cyber-Attack that compromises the functionality of the organization with severe damages
1.Organized

2.Regimented

3.Enormous

4.Harmonized

Options :
89951459091. 1
89951459092. 2
89951459093. 3
89951459094. 4

Question Number : 5 Question Id : 89951415133 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which attack type is known as “half-open” attack?
1.Botnets

2.Tear drop

3.Smurf

4.SYN flood

Options :

89951459095. 1

89951459096. 2

89951459097. 3

89951459098. 4

Question Number : 6 Question Id : 89951415134 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Recognize the malware type that compromises the malware detection software and do not allow them to be displayed in the detected list
1.Polymorphic virus

2.Stealth virus

3.Macro virus

4.All the above

Options :

89951459099. 1

89951459100. 2

89951459101. 3

89951459102. 4

Question Number : 7 Question Id : 89951415135 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

An individual who sends huge number of unwanted emails is known as
1.Cracker

2.Spammer

3.Phisher

4.Phreaker

Options :

89951459103. 1

89951459104. 2

89951459105. 3

89951459106. 4

Question Number : 8 Question Id : 89951415136 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Mention the type of vulnerability assessment scan that tests websites is known as
1.Network-based scan

2.Host-based scan

3.Application scan

4.Database scan

Options :

89951459107. 1

89951459108. 2

89951459109. 3

89951459110. 4

Question Number : 9 Question Id : 89951415137 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

State the approach that is used to implement IDS with state transition analysis
1.Bayesian approach

2.Fuzzy logic approach

3.Agent-based IDS

4.Software approach

Options :

89951459111. 1

89951459112. 2

89951459113. 3

89951459114. 4

Question Number : 10 Question Id : 89951415138 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Name the type of WIPS deployment where sensors are installed throughout a building to monitor radio frequencies
1.Time slicing

2.WIPS overlay

3.Time sharing

4.Integrated WIPS

Options :

89951459115. 1

89951459116. 2

89951459117. 3

89951459118. 4

Question Number : 11 Question Id : 89951415139 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Specify the type of password that is based on opinion-based questions
1.Cognitive passwords

2.Associative passwords

3.Primary passwords

4.All the above

Options :

89951459119. 1

89951459120. 2

89951459121. 3

89951459122. 4

Question Number : 12 Question Id : 89951415140 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is the data used to authenticate the request for user access to system?
1.Authentication assertion

2.Digital authentication

3.Authentication factor

4.Digital factor

Options :

89951459123. 1

89951459124. 2

89951459125. 3

89951459126. 4

Question Number : 13 Question Id : 89951415141 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Analyze the statements below and choose the correct option

S1- Physiological biometrics can be easily spoofed with noise

S2- Behavioral biometrics cannot be forged

1.Both S1 and S2 are true

2.Both S1 and S2 are false

3.S1 is false and S2 is true

4.S1 is true and S2 is false

Options :

89951459127. 1

89951459128. 2

89951459129. 3

89951459130. 4

Question Number : 14 Question Id : 89951415142 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Select the fusion level in biometrics that consolidates accept/reject decision of multiple systems

1.Fusion at decision level

2.Fusion at feature level

3.Fusion at match level

4.Fusion at identification level

Options :

89951459131. 1

89951459132. 2

89951459133. 3

89951459134. 4

Question Number : 15 Question Id : 89951415143 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Label the information security standard that provides a stable framework for Information Security Management (ISM)

1.ISO 27001

2.ISO 27000

3.ISO 27002

4.IOS 27001

Options :

89951459135. 1

89951459136. 2

89951459137. 3

89951459138. 4

Question Number : 16 Question Id : 89951415144 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Give the term that refers to the selection of trusted third party to control the communication between two entities

1.Repudiation

2.Notarization

3.Reconnaissance

4.Gateways

Options :

89951459139. 1

89951459140. 2

89951459141. 3

89951459142. 4

Question Number : 17 Question Id : 89951415145 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Analyze the statements below and choose the right choice

S1-The security team is responsible for detecting abnormal behavior in the network

S2-Anti-malware software is used by system to protect them against encountered malware.

1.S1 is correct and S2 is incorrect

2.S1 is incorrect and S2 is correct

3.Both S1 and S2 are correct

4.Both S1 and S2 are incorrect

Options :

89951459143. 1

89951459144. 2

89951459145. 3

89951459146. 4

Question Number : 18 Question Id : 89951415146 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is the other form of website testing?

1.Host scanning

2.Web auditing

3.Defense strategy

4.Automated scanning

Options :

89951459147. 1

89951459148. 2

89951459149. 3

89951459150. 4

Question Number : 19 Question Id : 89951415147 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following Methods enables to store sensitive information and to transmit the information across insecure networks like Internet or e-mail?
1.Open Pretty Good Privacy Encryption

2.SMTP Protocol
3.Bit Message
4.GNU Privacy Guard

Options :

89951459151. 1

89951459152. 2

89951459153. 3

89951459154. 4

Question Number : 20 Question Id : 89951415148 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Choose the type of security that monitors the processes and files in a mobile device during network access
1.Secure web gateway

2.Endpoint security

3.Cloud Access Security Broker

4.End device security

Options :

89951459155. 1

89951459156. 2

89951459157. 3

89951459158. 4

Question Number : 21 Question Id : 89951415149 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Point out the important factor to be considered during the procurement stage in Cloud Services

1.Federated model

2.Security standards

3.Secure exit

4.Building diverse teams

Options :

89951459159. 1

89951459160. 2

89951459161. 3

89951459162. 4

Question Number : 22 Question Id : 89951415150 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Network of objects, devices or items that are embedded with sensors are referred to as

1.Microprocessor

2.Integrated chips

3.Internet of Things

4.Network sensors

Options :

89951459163. 1

89951459164. 2

89951459165. 3

89951459166. 4

Question Number : 23 Question Id : 89951415151 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Name the attack that is described as the integrity breach in sensor data and packet controls

1.Man-in-the-middle attack

2.Stealthy deception attack

3.Jamming attack

4.Compromised key attack

Options :

89951459167. 1

89951459168. 2

89951459169. 3

89951459170. 4

Question Number : 24 Question Id : 89951415152 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Hackers intrude into the user system through security loopholes in

1.Third-party applications

2.Imposter accounts

3.Human error

4.All the above

Options :

89951459171. 1

89951459172. 2

89951459173. 3

89951459174. 4

Question Number : 25 Question Id : 89951415153 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Mention the security objective of CPS which ensures that the information, connections and transmission are unaffected

1.Confidentiality

2.Robustness

3.Reliability

4.Trust-worthy

Options :

89951459175. 1

89951459176. 2

89951459177. 3

89951459178. 4

Question Number : 26 Question Id : 89951415154 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Specify the currency that uses secure cryptographic techniques for authentic transactions

1.Regulated currency

2.Digital currency

3.Virtual currency

4.Cryptocurrency

Options :

89951459179. 1

89951459180. 2

89951459181. 3

89951459182. 4

Question Number : 27 Question Id : 89951415155 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Label the attack that combines the components of Selfish Mining and Block-Withholding attack
1.Race attack

2.Fork-after-withholding attack

3.Alternate history attack

4.Fifty-one percent attack

Options :

89951459183. 1

89951459184. 2

89951459185. 3

89951459186. 4

Question Number : 28 Question Id : 89951415156 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Mention the advantages of identifying and recording asset vulnerabilities
1.Assess the likelihood of an attack

2.Analyse the reason behind the attack

3.Identify the possible impact of the attack

4.All the above

Options :

89951459187. 1

89951459188. 2

89951459189. 3

89951459190. 4

Question Number : 29 Question Id : 89951415157 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is the appropriate term that refers to any offence or illegal act committed using the electronic device?

1.Cybercrime

2.Vulnerability

3.Threat

4.Attack

Options :

89951459191. 1

89951459192. 2

89951459193. 3

89951459194. 4

Question Number : 30 Question Id : 89951415158 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

When do Twin Attacks Occur?

1.When Servers are overloaded frequently

2.With slower systems

3.When there is no security software

4.When many people connect via Proxy

Options :

89951459195. 1

89951459196. 2

89951459197. 3

89951459198. 4

Question Number : 31 Question Id : 89951415159 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Choose the attack that conducts economic offences
1.Virus attack

2.Code-word sniffing

3.Salami attack

4.Tenure of illegal data

Options :

89951459199. 1

89951459200. 2

89951459201. 3

89951459202. 4

Question Number : 32 Question Id : 89951415160 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following is referred to as the process of indexing, sorting and storage of raw data?
1.Data collation

2.Data collection

3.Data analysis

4.Data interpretation

Options :

89951459203. 1

89951459204. 2

89951459205. 3

89951459206. 4

Question Number : 33 Question Id : 89951415161 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Select the main mode of non-verbal communication
1.Voice

2.Gestures

3.Writing

4.Facial expressions

Options :
89951459207. 1
89951459208. 2
89951459209. 3
89951459210. 4

Question Number : 34 Question Id : 89951415162 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Specify the stylometry features that target the actual composition of the text discussing its organization and layout
1.Idiosyncratic features

2.Syntactic features

3.Structural features

4.Linguistic feature

Options :
89951459211. 1
89951459212. 2
89951459213. 3
89951459214. 4

Question Number : 35 Question Id : 89951415163 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What justifies Security in Computing?
1.Unauthorized access

2.Malware distribution

3.Information leakage

4.All the above

Options :

89951459215. 1

89951459216. 2

89951459217. 3

89951459218. 4

Question Number : 36 Question Id : 89951415164 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Indicate the step involved in cybercrime investigation that is known as assessing the situation
1.Gathering information

2.Questioning

3.Identifying possible evidence

4.Securing devices

Options :

89951459219. 1

89951459220. 2

89951459221. 3

89951459222. 4

Question Number : 37 Question Id : 89951415165 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Pick up the term that describes a distinct pattern or method of operation that indicates or suggests the work of a single criminal in more than one crime

1.Criminal characteristics

2.Modus Operandi

3.Profile creation

4.Signature

Options :

89951459223. 1

89951459224. 2

89951459225. 3

89951459226. 4

Question Number : 38 Question Id : 89951415166 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Quote the psychological profiling component that analyses the observed aspects of the crime scene rather than motivated aspects

1.Reliability

2.Behavioral consistency

3.Inferences about offender's characteristics

4.Individual differentiation

Options :

89951459227. 1

89951459228. 2

89951459229. 3

89951459230. 4

Question Number : 39 Question Id : 89951415167 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Predict the correctness of the statements below and answer them as TT, TF, FT or FF(T-True, F-False)

i. Virus writers hack without malicious intent.

ii. Old guards rely on developing a curiosity for computer systems

1.TF

2.FT

3.FF

4.TT

Options :

89951459231. 1

89951459232. 2

89951459233. 3

89951459234. 4

Question Number : 40 Question Id : 89951415168 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The practice of preventing the process of computer forensic analysis is known as

1.Innovative technologies

2.Anti-forensics

3.Digital forensics

4.Standard procedures

Options :

89951459235. 1

89951459236. 2

89951459237. 3

89951459238. 4

Question Number : 41 Question Id : 89951415169 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the forensic pricing model provides boundless facilities until reaching a superior bound?

1.Time model

2.Material model

3.Flat fee per incident model

4.Retainer model

Options :

89951459239. 1

89951459240. 2

89951459241. 3

89951459242. 4

Question Number : 42 Question Id : 89951415170 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The term that combines cloud computing and digital forensics

1.Cloud forensics

2.Data forensics

3.Image forensics

4.Service forensics

Options :

89951459243. 1

89951459244. 2

89951459245. 3

89951459246. 4

Question Number : 43 Question Id : 89951415171 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Point out the phase in digital forensics that takes place as soon as the request is received from the person(s) or law enforcement agencies

1.Investigation preparation

2.Seizure and isolation

3.Examination and analysis

4.Reporting

Options :

89951459247. 1

89951459248. 2

89951459249. 3

89951459250. 4

Question Number : 44 Question Id : 89951415172 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Label the process of reassembling or recreating records by scanning the original disk bits including examination of the header and footer of the file

1.Key word search

2.File carving

3.Bitwise imaging

4.Logical imaging

Options :

89951459251. 1

89951459252. 2

89951459253. 3

89951459254. 4

Question Number : 45 Question Id : 89951415173 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Trace the computer forensics tool that identifies and recovers deleted files during incident response and identification

1.Encase

2.Forensic Tool Kit

3.Network Forensics Analysis Tool

4.Snort

Options :

89951459255. 1

89951459256. 2

89951459257. 3

89951459258. 4

Question Number : 46 Question Id : 89951415174 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

By reconstructing and correlating the actions of suspected victim, this forensic analysis is facilitated

1.Relational analysis

2.Functional analysis

3.Temporal analysis

4.Database analysis

Options :

89951459259. 1

89951459260. 2

89951459261. 3

89951459262. 4

Question Number : 47 Question Id : 89951415175 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Read the statements below and choose the correct option.

S1-All devices must be updated with the latest versions of OSs.

S2- Performing regular data backups is not essential

1.S1 is false and S2 is true

2.Both S1 and S2 are true

3.S1 is true and S2 is false

4.Both S1 and S2 are false

Options :

89951459263. 1

89951459264. 2

89951459265. 3

89951459266. 4

Question Number : 48 Question Id : 89951415176 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Identify the section that provides Punishment for Publishing or Transmitting Obscene Material in Electronic Form

1.Section 65

2.Section 67

3.Section 69

4.Section 71

Options :

89951459267. 1

89951459268. 2

89951459269. 3

89951459270. 4

Question Number : 49 Question Id : 89951415177 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Mention the term that includes the protection of physical devices and the information stored within them

1.Protection

2.Analysis

3.Cyber security

4.Investigation

Options :

89951459271. 1

89951459272. 2

89951459273. 3

89951459274. 4

Question Number : 50 Question Id : 89951415178 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Indicate the section under the Indian Penal Code that deals with the bogus websites and cyber frauds

1.Section 403 IPC

2.Section 383 IPC

3.Section 420 IPC

4.Section 500 IPC

Options :

89951459275. 1

89951459276. 2

89951459277. 3

89951459278. 4

Sub-Section Number :	2
Sub-Section Id :	899514289
Question Shuffling Allowed :	Yes

Question Number : 51 Question Id : 89951415179 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

List the significant practices of cyber security
1.Measures against data thefts

2.Deleting the data

3.Deception of computer sources

4.Uninstalling software

Options :

89951459279. 1

89951459280. 2

89951459281. 3

89951459282. 4

Question Number : 52 Question Id : 89951415180 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Some examples of Attacks on Availability are
1.Phishing

2.Ransomware

3.Distributed Denial of Service (DDoS)

4.Script kiddies

Options :

89951459283. 1

89951459284. 2

89951459285. 3

89951459286. 4

Question Number : 53 Question Id : 89951415181 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

How can one protect against unauthorized administrators?
1.Enforce role separation

2.Create and maintain security baseline

3.Configure for DoS attacks

4.Run network monitoring tools

Options :

89951459287. 1

89951459288. 2

89951459289. 3

89951459290. 4

Question Number : 54 Question Id : 89951415182 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What are the emerging challenges of data protection and cyber security?
1.International dimensions

2.Big Data Myth

3.Lack of Control Mechanisms

4.Growing sophistication of threats

Options :

89951459291. 1

89951459292. 2

89951459293. 3

89951459294. 4

Question Number : 55 Question Id : 89951415183 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What are the forms through which reconnaissance attack takes place?
1.Packet Sniffers

2.Snipping the port

3.Scanning nodes

4.Queries regarding Internet information

Options :

89951459295. 1

89951459296. 2

89951459297. 3

89951459298. 4

Question Number : 56 Question Id : 89951415184 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Trace the activities of spyware
1.Tracks user activities

2.Forwards report to unknown users

3.Installs malicious code

4.Deletes specific programs

Options :

89951459299. 1

89951459300. 2

89951459301. 3

89951459302. 4

Question Number : 57 Question Id : 89951415185 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

These malwares self-replicate, steal information and alter data
1.Logic bombs

2.Trojans

3.Viruses

4.Worms

Options :

89951459303. 1

89951459304. 2

89951459305. 3

89951459306. 4

Question Number : 58 Question Id : 89951415186 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Choose the factors considered in preventing against drive-by-download attacks
1.Reveal actual address of the webpage

2.Update Operating Systems and browsers

3.Check the source of e-mails

4.Avoid Internet websites having malicious codes

Options :

89951459307. 1

89951459308. 2

89951459309. 3

89951459310. 4

Question Number : 59 Question Id : 89951415187 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Analyze and Choose the characteristics of black hat hackers
1.Fix the vulnerabilities with the permission of the organization

2.Have Extensive knowledge in breaking into systems

3.Fix security loopholes

4.Gain access to steal, modify or destroy the data

Options :

89951459311. 1

89951459312. 2

89951459313. 3

89951459314. 4

Question Number : 60 Question Id : 89951415188 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Select the components of Intrusion Detection System
1.Information parser

2.Information source

3.Analysis engine

4.Decision maker

Options :

89951459315. 1

89951459316. 2

89951459317. 3

89951459318. 4

Question Number : 61 Question Id : 89951415189 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Summarize the methods based on which the Intrusion prevention system detects malicious activities

1.Signature based detection

2.Pattern based detection

3.Inconsistency based detection

4.Consistency based detection

Options :

89951459319. 1

89951459320. 2

89951459321. 3

89951459322. 4

Question Number : 62 Question Id : 89951415190 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Identify the methods based on which the exposure of the network can be limited

1.Threat awareness

2.Vulnerability assessment

3.Dissemination testing

4.Risk analysis

Options :

89951459323. 1

89951459324. 2

89951459325. 3

89951459326. 4

Question Number : 63 Question Id : 89951415191 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What are all the biological properties possessed by human that are considered for verification and identification of an individual?
1.Anatomical

2.Physiological

3.Behavioral

4.Psychological

Options :

89951459327. 1

89951459328. 2

89951459329. 3

89951459330. 4

Question Number : 64 Question Id : 89951415192 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Cite the situations where machine authentication is considered important
1.Threat identification

2.Computer backing up services

3.Patching and updating systems

4.System break-in

Options :

89951459331. 1

89951459332. 2

89951459333. 3

89951459334. 4

Question Number : 65 Question Id : 89951415193 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Important applications of keystroke dynamics
1.Surveillance

2.Internet banking

3.Physical Access Control

4.Online examination

Options :

89951459335. 1

89951459336. 2

89951459337. 3

89951459338. 4

Question Number : 66 Question Id : 89951415194 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

List the actions of the Act phase of PDCA cycle applied to ISMS processes
1.Manage resources

2.Implement identified improvements

3.Conducts Internal Audit

4.Communicate results to interested parties

Options :

89951459339. 1

89951459340. 2

89951459341. 3

89951459342. 4

Question Number : 67 Question Id : 89951415195 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Outline the features provided in the maintenance phase of Security System Development Life Cycle
1.Examination of key policies

2.Monitoring and Managing

3.Keeping up-to-date of established procedures

4.Implement security solutions

Options :

89951459343. 1

89951459344. 2

89951459345. 3

89951459346. 4

Question Number : 68 Question Id : 89951415196 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Relate the routing attacks
1.SQL injection attack

2.Cookie poisoning

3.Packet mistreating attack

4.Hit-and-Run attack

Options :

89951459347. 1

89951459348. 2

89951459349. 3

89951459350. 4

Question Number : 69 Question Id : 89951415197 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Infer the general physical security challenges in an Operating System
1.Power failure

2.Loopholes

3.Network failure

4.Malware

Options :

89951459351. 1

89951459352. 2

89951459353. 3

89951459354. 4

Question Number : 70 Question Id : 89951415198 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Show the functions of the mail server
1.Read e-mail messages

2.Deliver e-mail messages

3.Compose e-mail messages

4.Forward e-mail messages

Options :

89951459355. 1

89951459356. 2

89951459357. 3

89951459358. 4

Question Number : 71 Question Id : 89951415199 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Pinpoint the suitable steps to maintain mobile device security
1.Locking phone's screen

2.Downloading apps from third-party sources

3.Using open networks

4.Safe disposal of old devices

Options :

89951459359. 1

89951459360. 2

89951459361. 3

89951459362. 4

Question Number : 72 Question Id : 89951415200 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

List the common security concerns that affects cloud systems
1.Authorized Exposure
2.Exposure to vulnerable attacks

3.Problems of data availability

4.Implementation of poor access controls

Options :

89951459363. 1

89951459364. 2

89951459365. 3

89951459366. 4

Question Number : 73 Question Id : 89951415201 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Recognize the correct statements regarding the general workflow of CPS
1.Monitoring – involves computing of data

2.Networking – deals with data accumulation and distribution

3.Computing – involves tracking physical systems and its environment

4.Actuation – used to initiate various actions to operate CPS

Options :

89951459367. 1

89951459368. 2

89951459369. 3

89951459370. 4

Question Number : 74 Question Id : 89951415202 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What are the social media applications here?
1.WhatsApp

2.Facebook

3.YouTube

4.Twitter

Options :

89951459371. 1

89951459372. 2

89951459373. 3

89951459374. 4

Question Number : 75 Question Id : 89951415203 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

List the factors to be considered by the user while developing social media security strategy procedures

1.Recognize the security area of concerns

2.Ways to attain security

3.Identify the persons in-charge of providing security

4.Knowing the location

Options :

89951459375. 1

89951459376. 2

89951459377. 3

89951459378. 4

Question Number : 76 Question Id : 89951415204 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following Blockchains has highly efficient use of resources?

1.Public blockchain

2.Private blockchain

3.Consortium / federated blockchain

4.Hybrid blockchain

Options :

89951459379. 1

89951459380. 2

89951459381. 3

89951459382. 4

Question Number : 77 Question Id : 89951415205 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Mention the downsides of closed virtual currency
1.Exists only in virtual community

2.Openly available

3.Can be converted to Legal tender

4.No Connection to real economy

Options :

89951459383. 1

89951459384. 2

89951459385. 3

89951459386. 4

Question Number : 78 Question Id : 89951415206 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Show the correct statements regarding different types of audits
1.Black box security audit – simulates real world experience

2.Black box security audit – designed to prepare for best-case scenario

3.White box security audit – designed to prepare for worst-case scenario

4.White box security audit – simulates real world experience

Options :

89951459387. 1

89951459388. 2

89951459389. 3

89951459390. 4

Question Number : 79 Question Id : 89951415207 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Figure out the individuals who show activities due to revenge or emotions for committing cybercrime
1.Entertainers

2.Social media group

3.Retrenched employees

4.Dissatisfied customers

Options :
89951459391. 1
89951459392. 2
89951459393. 3
89951459394. 4

Question Number : 80 Question Id : 89951415208 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What could be the important reasons for committing Cybercrimes?
1.Financial Gain

2.Consumer Satisfaction

3.Political Issues

4.To promote peace

Options :
89951459395. 1
89951459396. 2
89951459397. 3
89951459398. 4

Question Number : 81 Question Id : 89951415209 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Give examples for cyber stalking
1.Theft of services

2.Identity theft

3.False accusations

4.Libel

Options :

89951459399. 1

89951459400. 2

89951459401. 3

89951459402. 4

Question Number : 82 Question Id : 89951415210 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Indicate the responsibilities of crime analysis units
1.Detection of criminal modus operandi

2.Discovery of crime patterns

3.Determination of relationship between offender and crime

4.Give punishment for the criminal

Options :

89951459403. 1

89951459404. 2

89951459405. 3

89951459406. 4

Question Number : 83 Question Id : 89951415211 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Human behavior analysis combined with smart machines help to
1.Recognize human actions automatically

2.Identify the dimension of human body

3.Detect potential hazards

4.Collect data and classify

Options :

89951459407. 1

89951459408. 2

89951459409. 3

89951459410. 4

Question Number : 84 Question Id : 89951415212 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Identify the correct pair of civil and criminal investigation from the given options
1.Civil Investigation – Industrial espionage, Negligence

2.Civil Investigation – Breach of contract, Forgery

3.Criminal Investigation- Money laundering, Fraud

4.Criminal Investigation – Stalking, Bankruptcy

Options :

89951459411. 1

89951459412. 2

89951459413. 3

89951459414. 4

Question Number : 85 Question Id : 89951415213 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Mention the advantages of assessing the crime scene
1.Forecast the personality of the offender

2.Narrow the scope of investigation

3.Identify the consistency between the offenders

4.Provide criminal justice strategies

Options :

89951459415. 1

89951459416. 2

89951459417. 3

89951459418. 4

Question Number : 86 Question Id : 89951415214 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The subcategory of cybercrime hacking divides hackers based on
1.Motivation

2.Nicknames

3.Writing style

4.Personal characteristics

Options :

89951459419. 1

89951459420. 2

89951459421. 3

89951459422. 4

Question Number : 87 Question Id : 89951415215 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

How Hollinger categorized the university students based on his study?
1.Pirates

2.Browsers

3.Crackers

4.Virus Writers

Options :
89951459423. 1
89951459424. 2
89951459425. 3
89951459426. 4

Question Number : 88 Question Id : 89951415216 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Recognize the technical issues in digital forensics from the following
1.Accepted standards

2.Encryption

3.Fit-to-practice

4.Increasing storage space

Options :
89951459427. 1
89951459428. 2
89951459429. 3
89951459430. 4

Question Number : 89 Question Id : 89951415217 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Select the true statements with respect to database forensics from the given options
1.Database forensics and database recovery are same

2.Database forensics differentiates itself from database recovery

3.A strong database may appear suspicious

4.A neutral database is more suspicious

Options :

89951459431. 1

89951459432. 2

89951459433. 3

89951459434. 4

Question Number : 90 Question Id : 89951415218 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What are the challenges faced by IoT forensics?
1.Service requirement

2.Identifying the Device Type

3.Authenticity of the recorded audio/video

4.Preservation of Data format

Options :

89951459435. 1

89951459436. 2

89951459437. 3

89951459438. 4

Question Number : 91 Question Id : 89951415219 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Indicate the Situations that require warrant from the officials to carry out the investigation process

1.Unofficial use of Internet

2.Information theft

3.Intellectual property infringements

4.Tampering of electronic documents

Options :

89951459439. 1

89951459440. 2

89951459441. 3

89951459442. 4

Question Number : 92 Question Id : 89951415220 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Pick out the correct pair of analysis technique used in collecting evidences

1.Dead analysis - assesses the system parts during rest condition

2.Live analysis - gathers data from the system before it shuts down

3.Dead analysis – gathers data from the system before it shuts down

4.Live analysis – assesses the system parts during rest condition

Options :

89951459443. 1

89951459444. 2

89951459445. 3

89951459446. 4

Question Number : 93 Question Id : 89951415221 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Summarize the best practices of collecting evidences
1.Omitting the duplicates

2.Using unreliable tools

3.Seizing originals

4.Encrypting the evidences

Options :

89951459447. 1

89951459448. 2

89951459449. 3

89951459450. 4

Question Number : 94 Question Id : 89951415222 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Point Out the functions that are integrated to strengthen the cyber security strategies across organizations
1.Process control security

2.Software security

3.Outsider threats

4.Data security

Options :

89951459451. 1

89951459452. 2

89951459453. 3

89951459454. 4

Question Number : 95 Question Id : 89951415223 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The offenses covered under CHAPTER XI of the Indian ITA 2000 are
1.Discard information integrity

2.Exclusion of digital signatures

3.Breach of confidentiality and privacy

4.Tampering the computer source code

Options :

89951459455. 1

89951459456. 2

89951459457. 3

89951459458. 4

Question Number : 96 Question Id : 89951415224 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Show the nature of web bugs from the following
1.File object in the form of bat

2.File object in the form of gif

3.Acts as a spyware

4.Acts as an adware

Options :

89951459459. 1

89951459460. 2

89951459461. 3

89951459462. 4

Question Number : 97 Question Id : 89951415225 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Specify the acts that led the path for admissibility of electronic documents as evidence
1.Indian Evidence Act

2.Information Technology Amendment Act

3.Reserve Bank of India Act

4.Intellectual Property Rights Act

Options :

89951459463. 1

89951459464. 2

89951459465. 3

89951459466. 4

Question Number : 98 Question Id : 89951415226 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What are the constraints for registering chip layout design?
1.Inherently similar

2.Layout design should be original

3.Commercially exploited

4.Unique from other registered layout designs

Options :

89951459467. 1

89951459468. 2

89951459469. 3

89951459470. 4

Question Number : 99 Question Id : 89951415227 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is the aim of National Cyber Security Policy?
1.Reducing the chances of protecting the country

2.Degrading cyber law needs

3.Protecting information infrastructure

4.Reducing vulnerability issues

Options :

89951459471. 1

89951459472. 2

89951459473. 3

89951459474. 4

Question Number : 100 Question Id : 89951415228 Question Type : MSQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

How to dispose information properly?
1.Destroy/shred hard copy confidential documents

2.Not impersonating someone else

3.Ensure right tools to dispose media storage

4.Adhere to copyright restrictions

Options :

89951459475. 1

89951459476. 2

89951459477. 3

89951459478. 4