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ETI MSBTE TEST - V2V

QUESTIONS

SECTIONS

1. MCQ's - 178 Questions

Section 1 : MCQ's - 178 Questions

1 What is the full form of "AI"?

○ Artificially Intelligent

○ Artiflclal Intelllgence

○ Artificially Intelligence

○ Advanced Intelligence

Correct: +1

2 What is Artificial Intellilgence ?

○ Artificial Intelligence is a field that alms to make humans more intelligent

○ Artificial Intelligence is a field that alms to improve the security

○ Artificial Intelligence is a field that alms to develop intelligent machines

○ Artificial Intelligence is a field that alms to mine the data

Correct: +1

3 Who is the inventor of Artificial Intelligence ?

○ Geoffrey Hinton

○ Andrew Ng

○ John McCarthy

○ Jurgen Schmidhuber

Correct: +1

4 Which of the following is the branch of Artificial Intelligence ?

○ Machine Learning

○ Cyber forensics

○ Full-Stack Developer

○ Network design

Correct: +1

5 What is the goal of Artificial Intelligence ?

○ To solve artificial problems

○ To extract scientific causes

○ To explain various sorts of intelligence

○ To solve real-world problems

6 Which of the following is an application of Artificial Intelligence ?

○ It helps to exploit vulnerabilities to secure the film.

○ Language understanding and problem-solving (Text analytics and NLP)

○ Easy to create a website

○ It helps to desplay applications on the cloud

7 In how many categories process of Artificial Intelligence is categorized ?

○ categorized into 5 categories

○ processes are categorized based on the input provided

○ categorized into 3 categories

○ process is not categorized

8 Based on which of the following parameter Artificial Intelligence is categorized ?

○ Based on functionally only

○ Based on capabilities and functionally

○ It is not categorized

9 Which of the following is a component of Artificial Intelligence ?

○ Learning

○ Training

○ Designing

○ Puzzling

10 What is the function of an Artificial Intelligence "Agent" ?

○ Mapping of goal sequence to an action

○ Work without the direct interface of the people

○ Mapping of precept sequence to an action.

○ Mapping of environment sequence to an action.

11 Which of the following is not a type of Artificial Intelligence agent ?

○ Goal-based AI agent

○ Simple reflex AI agent

○ Unity-based AI agent

Correct: +1

12 Which of the following is not the commonly used programming language for Artificial Intelligence ?

○ Perl

○ Java

○ PROLOG

○ LISP

Correct: +1

13 What is the name of the Artificial Intelligence system developed by Daniel Bobrow ?

○ program known as BACON

○ system known as STUDENT

○ program known as SHRDLU

○ system known as SIMD

Correct: +1

○ program that can read algebra word problems only

○ system which can solve algebra word problems but not read

○ system which can read and solve algebra word problems

○ none of the mentioned

Correct: +1

15 Which of the following is not an application of artificial intelligene ?

○ Face recognition system

○ Chatbots

○ LIDAR

○ DBMS

Correct: +1

16 Which of the following machine requires from the humans but can interpret the outputs themeselves.

○ Aculator

○ Sensor

○ Agents

○ AI system

17   _____number of informed search method are there in Artificial Intelligence.

○ 4

○ 3

○ 2

○ 1

18 The total number of proposition symbols in AI are_____.

○ 3 proposition symbols

○ 1 proposition symbols

○ 2 proposition symbols

○ No proposition symbols

19 The total number of logical symbols in AI are_____.

○ There are 3 logical symbols

○ There are 5 logical symbols

○ Number of logical symbols are based on the input

○ Logical symbols are not used

Correct: +1

20 Which of the following are the approach to Artificitial Intelligence ?

○ Applied approach

○ Strong approach

○ Weak appeoach

○ All of the mentioned

Correct: +1

21 Face Recognition system is based on which type of approach ?

○ Weak AI approach

○ Applied AI approach

○ Cognitive AI approach

○ Strong AI approach

Correct: +1

22 Which of the following is an advantage of artificial intelligence ?

○ Reduces the time taken to solve the problem

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○ Have the ability to think hence makes the work easier

○ All of the above

23 Which of the following can improve the performanace of AI agents ?

○ Perceiving

○ Learning

○ Onserving

○ All of the mentioned

24 Which of the following is/are the composition for AI agents ?

○ Program only

○ Architectrure only

○ Both Program and Architecture

○ All of the above mentioned

25 On which of the following approach a basic line following robot is based ?

○ Weak approach

○ Strong approach

○ Cognitive approach

Correct: +1

26 Artificial Intelligence has evolved extremely in all the fields except for_____.

○ Web mining

○ Construction of plans in real time dynamic systems.

○ Understanding natural language robustly

○ All of the mentioned

Correct: +1

27 Which of the following is an example of artificial intelligent agent/agents ?

○ Autonomous Spacecraft

○ Human

○ Diagnosis

○ All of the mentioned

Correct: +1

○ Game Playing

○ Planning and Scheduling

○ Diagnosis

○ All of the mentioned

29 What is an AI 'agent'

○ Takes input from the surrounding and uses its intelligence and performs the desired operations

○ An embaedded program controlling line following robot

○ Perceives its environment through sensors and acting upon that environment through actuators

○ All of the mentioned

30 Which of the following environment is strategic ?

○ Rational

○ Deterministic

○ Partial

○ Stochastic

31 What is the name of Artificial Intelligence which allows machines to handle vague inform mimics human intuition ?

○ Human intelligence

○ Boolean logic

○ Functional logic

○ Fuzzy logic

Correct: +1

32 Which of the following produces hypotheses that are easy to read for humans ?

○ Machine Learning

○ ILP

○ First-order logic

○ Propositional logic

Correct: +1

33 What does the Bayesian network provide ?

○ Partial description of the domain

○ Complete description of the problem

○ Complete description fo the domain

○ None of the above

34 What is the total number of qyantification available in artificial intelligence ?

○ 4

○ 3

○ 1

○ 2

35 What is Weak AI ?

○ the study of mental faculties using mental models implemented on a computer

○ the embodiment of human intellectual capabilities within a computer

○ a set of computer programs that produce output that would be considered to reflect intelligence it to generated by humans

○ all of the mentioned

36 Which of the following are the 5 big ideas of AI ?

○ Perception

○ Human-AI Interaction

○ Societal Impact

○ All of the above

Correct: +1

37 What is Machine learning ?

○ The autonomous acquisition of knowledge through the use of computer programs

○ The autonomous acquisition of knowledge through the use of manual programs

○ The selective acquisition of knowledge through the use of computer programs

○ The selective acquisition of knowledge through the use of manual programs

Correct: +1

38 In model based learning methods, an iterative process takes place on the ML models that are built based on various model parameters, called ?

○ mini-batches

○ optimized parameters

○ hyperparameters

○ superparameters

Correct: +1

39 What is representation in deep learning ?

○ It is a way to look at data to represent or encode

○ It gets closer to the expected output

○ RGB and HSV are two different examples of representations

○ All of the above

40 What is learning in deep learning ?

○ Learning, in the context of machine learning, describes an automatic search process for better representations

○ A process that is "leamed" from exposure to know example of inputs and outputs

○ Learning in school attending 5th grade

○ Answer A and B

○ Answer B and C

41 What is hypothesis space in deep learning ?

○ The deep learning is a reference to any kind of deeper understanding achieved by the approach

○ It stands for the idea of successive layers of representations in deep learning

○ Answer A and B

○ None of the above

42 What is deep in deep learning ?

○ The deep in deep learning is a reference to any kind of deeper understanding achieved by the approach

○ It stands for the idea of suuccessive layers of representations in deep learning

○ Answers A and B

○ None of the above

43 What is shallow learning in deep learning ?

○ Machine learning tend to focus on learning only one or two layers of representations of the data

○ Machine learning tend to focus on learning 10 layers of representations of the data

○ Machine learning tend to focus on learning 512 layers of representations of the data

○ Machine learning tend to focus on learning 64 layers of representations of the data

44 What are deep neural networks in deep learning ?

○ In deep learning, played representations are (almost always) learned via models called deep neural networks, structured in literal layers stacked on top of each other

○ These networks are the brain neurons studying in neurobilogy

○ These are models of human brain

○ Neural network is a cell in brain

Correct: +1

45 Machine learning is a subset of which of the following.

○ Artificial intelligence

○ Deep learning

○ Data learning

○ None of the above

Correct: +1

46 Which of the following are common classed of problems in machine learning ?

○ Regression

○ Classification

○ Clustering

○ All of the above

47 Analysis of ML algorithm needs

○ Statistical learning theory

○ Computational learning theory

○ Both A and B

○ None of the above

48 A machine learning technique that helps in detecting the outllers in data.

○ Clustering

○ Classification

○ Anamoly detection

○ All of the above

49 ....algorithms enable the computers to learn from data, and even improve themeselves, without being explicity programmed.

○ Deep Learning

○ Machine Learning

○ Artificial Intelligence

○ All of the above

○ Option 5

50 What are the three types of Machine Learning ?

○ Supervised Learning

○ Unsupervised Learning

○ Reinforced Learning

○ All of the above

51 Which memory storage is widely in PCs and Embedded Systems ?

○ EEPROM

○ Flash memory

○ SRAM

○ DRAM

○ Memory

○ Output

○ Peripherals

○ Input

53 Which of the following helps in reducing the energy consumption of the embedded system ?

○ Emulator

○ debugger

○ simulator

○ compilers

54 What is the full form of IoT ?

○ Internet of Technology

○ Incorporate of Things

○ Internet of Things

○ Incorporate of Technology

55 What is IoT ?

○ network of physical objects embedded with sensors

○ network of virtual objects

○ network of objects in the ring structure

○ network of sensors

Correct: +1

56 Which of the following is not an IoT device ?

○ Table

○ Laptop

○ Arduino

○ Tablet

Correct: +1

57 Which of the following is false about IoT devices ?

○ IoT devices use the internet for collecting and sharing data

○ IoT devices need microcontrollers

○ IoT devices use wireless technology

○ IoT devices are completely safe

58 Which of the following is false about IoT devices ?

○ Amezon Web Series

○ Microsoft Azure

○ Salesforce

○ Flipcart

59 Which of the following is not an application of IoT ?

○ BMP280

○ Smart home

○ Smart city

○ Self-driven cars

60 Which of the following is not a fundamental component of an IoT system ?

○ Sensors

○ User Interface

○ Transformer

61 What is the full form of IIOT ?

○ Index Internet of Things

○ Incorporate Internet of Things

○ Industrial Internet of Things

○ Intense Internet of Things

62 Which layer is used for wireless connection in IoT devices ?

○ Application layer

○ Network layer

○ Data link layer

○ Transport layer

63 Which of the following command is used to trigger the Amezon echo IOT device ?

○ Suri

○ Alexa

○ Hey

<div align="right">Correct: +1</div>

64 Which of the following is not a sensor in IoT ?

○ BMP280

○ DHT11

○ Photoresistor

○ LED

<div align="right">Correct: +1</div>

65 Which of the following is not an actuator in IoT ?

○ Stepper motor

○ A fan

○ An LED

○ Ardunio

<div align="right">Correct: +1</div>

○ They are open-source software

○ They can only read analog inputs

○ They have their own operating systems

○ They don't have pre-programmed firmware

Correct: +1

67 IoT gateway must provide_____.

○ Protocol abstraction

○ Data storage

○ Security with hardware

○ Simple generated data

Correct: +1

68 What IoT collects ?

○ Device data

○ Machine generated data

○ Sensor data

○ Human generated data

69 Which of the following protocol is used to link all the devices in the IoT ?

○ HTTP

○ UDP

○ Network

○ TCP/IP

70 How many numbers of the elements in the devices in the IoT ?

○ Four elements

○ Five elements

○ Six elements

○ Seven elements

71 Which of the following category is used for business to consumer process ?

○ Group IoT

○ Community IoT

○ Industrial IoT

○ Personal IoT

72 Which of the following is not an advantage of IoT ?

○ Improved Customer Engagement

○ Reuced Waste

○ Security

○ Enhanced Data Collection

73 What is the full form of IaaS ?

○ Internet as a Software

○ Internet as a Service

○ Infrastructure as a Software

○ Infrastructure as a Service

74 Which is future application of IoT ?

○ QoS in communication

○ Secure communication

○ Multimedia communication

75 Router operate at_____layer of OSI reference model ?

○ Layer 2(Data Link)

○ Layer 3 (Network)

○ Layer 1 (Physical)

○ Layer 4 (Transport)

76 HTTP resources are located by_____.

○ unique resource locator

○ unique resource identifire

○ none of the mentioned

○ uniform resource identifire

77 An equation of internet of things_____.

○ controller sensor and actuator + internet

○ physical object + internet

○ physical object + controller + internet

78 Digital forensics is all of them except:

○ Extraction of computer data.

○ Preservation of computer data..

○ Interpretation of computer data

○ Manipulation of computer data.

79 IDIP stands for

○ Integrated Digital Investigation Process.

○ Integrated Data Investigator Procees.

○ Integrated Digital Investigator Process.

○ Independent Digital Investigator Process.

○ G.Gunsh.

○ S. Clardhuain

○ J.Kom.

○ G.Palmar

81 The investigator should satisfy the following points:

○ Contribute to society and human beings.

○ Avoid harm to others.

○ Honest and trustworthy.

○ All of the above

82 In the past, the method for expressing an opinion has been to frame a_____question based on available factual evidence.

○ Hypothetical

○ Nested

○ Challenging

○ Contradictory

83 More subtle because you are not aware that you are running these macros (the document opens and the application automatically runs); spread via email.

○ The purpose of the copyright

○ The danger of macro viruses

○ Derivative works

○ Computer specific crime

84 There are three c's in computer forensics. Which is one of the three ?

○ Control

○ Chance

○ Chains

○ Core

85 When Fedral Bureau Investigation program was created ?

○ 1979

○ 1984

○ 1995

○ 1989

86 When the field of PC forensics began ?

○ 1960's

○ 1970's

○ 1980's

○ 1990's

Correct: +1

87 What is Digital Forensics ?

○ Process of using scientific knowledge in analysis and presentation of evidence in court

○ The application of computer science and investigation procedures for a legal purpose involving the analysis of digital evidence after proper search authority, the chain of custody, validation with mathematics, use of validated tools, repeatability, reporting, and possible expert presentation

○ Process where we develop and test hypotheses that answer questions about digital events

○ Use of science or technology in the investigation and establishment of the facts or evidence in a court of law.

Correct: +1

88 Digital Forensics entails_____.

○ Accessing the system's directories viewing mode and navigating through the various systems files and folders

○ Undeleting and recovering lost files

○ Indentifying and solving computer crimes

○ The identification, preservation, recovery, restoration, and presentation fo digital evidence from systems and devices

Correct: +1

89 Which of the following is FALSE ?

○ The digital forensics investigator must maintain absolute objectivity

○ It is the investigator's job to determine someone's guilt or innocence.

○ It is the investigator's responsibility to accurately report the relevant facts of a case.

○ The investigator must maintain strict confidentiality, discussing the results of an investigation on only a "need to know"

Correct: +1

90 What is the most significant legal issue in computer forensics ?

○ Preserving Evidence

○ Seizing Evidence

○ Admissibility of Evidence

○ Discovery of Evidence

91 _____phase includes putting the pieces of a digital puzzle together and developing investigative hypotheses.

○ Preservation phase

○ Survey phase

○ Documentation phase

○ Reconstruction phase

○ Presentation phase

92 _____phase investigator transfers the relevant data from a venue out of physical administrative control of the investigator to a controlled location.

○ Preservation phase

○ survey phase

○ Documentation phase

○ Reconstruction phase

○ Presentation phase

93 _____phase investigator transfers the relevant data from a venue out of physical or administrative control of the investigator to a controlled location.

○ Preservation phase

○ Survey phase

○ Documentation phase

○ Reconstruction phase

○ Presentation phase

94 Computer forensics do not involve_____activity.

○ Preservation fo computer data.

○ Extraction of computer data.

○ Manipulation of computer data.

○ Interpretation of computer data.

95 Which of the following is not a rule of digital forensics ?

○ An examination should be performed on the original data

○ A copy is made onto forensically sterile media. New media should be used if available.

○ The copy of the evidence must be an exact, bit-by-bit copy

○ The examination must be conduced in such a way as to prevent any modification of the evidence.

96 A set of instruction compelled into a program that perform a particular task is knwon as

○ Hardware

○ CPU

○ Motherboard

○ Software

97 To collect and analyze the digital evidence that was obtained from the physical investigation phase, is the goal of which phase ?

○ Physical crime investigation

○ Digital crime investigation

○ Review phase

○ Development phase

98 To provide a mechanism to an incident to be detected and confirmed is purpose of which phase ?

○ Physical crime investigation

○ Digital crime investigation

○ Review phase

○ Deployment phase

<div align="right">Correct: +1</div>

99 Which phase entails a review of the whole investigation and indentifies an area of improvement ?

○ Physical crime investigation

○ Digital crime investigation

○ Review phase

○ Deployment phase

<div align="right">Correct: +1</div>

100 _____is knwon as father of computer forensic.

○ G.Palmar

○ J.Korn

○ Michael Anderson

○ S.Clardhuain

101 _____is well established science where various contribution have been made

○ Forensic

○ Crime

○ Cyber crime

○ Evidence

Correct: +1

102 Who proposed End to End Digital Investigation Process (EEDIP) ?

○ G.Palmar

○ Stephenson

○ Michael Anderson

○ S.Ciardhuain

Correct: +1

103 Which model of investigation proposed by carrier and safford ?

○ Extended Model of Cybercrime Investigation (EMCI)

○ Integrated Digital Investigation Process (IDIP)

○ Road Map for Digital Forensic Research (AMDFR)

○ Abstract Digital Forensic Model (ADFM)

<div align="right">Correct: +1</div>

104 Which of the following is not a property of computer evidence ?

○ Authentic and Accurate

○ Complete and convincing

○ Duplicated and preserved

○ Conform and human readable.

<div align="right">Correct: +1</div>

105 _____can makes or breaks investigation.

○ Crime

○ Security

○ Digital Forensic

○ Evidence

<div align="right">Correct: +1</div>

106 _____is software that blocks unauthorized users from connecting to your computer.

○ Firewall

○ One Login

○ Centrify

107 Which of the following are general Ethical norms for Investigator ?

○ To contribute to society and human beings

○ To avoid harm to others

○ To be honest and trustworthy

○ All of the above

○ None of the above

108 Which of the following are Unethical norms for Investigator ?

○ Uphold any relevant evidence

○ Declare any confidential matter or knowledge

○ Distort or falsify education, training, credentials

○ All of the above

○ None of the above

109 Which of the following is not a general ethical norm for Investigator ?

○ To contribute to society and human beings

○ Uphold any relevant Evidence

○ To be honest and trustworthy

○ To honor confidentially

Correct: +1

110 Which of the following is a not unethical norm for Digital Forensics Investigation ?

○ Uphold any relevant evidence

○ Declare any confidential matters or knowledge

○ Distort or falsify education, training , credentials

○ To respect the privacy of others.

Correct: +1

111 What is called as the process of creation a duplicate of digital media for purpose of examining it ?

○ Acqisition

○ Steganography

○ Live analysis

○ Hashing

112 Which term refers to modifying a computer in a way which was not originally intended to view information ?

○ Metadata

○ Live analysis

○ Hacking

○ Bit copy

113 The ability to recover and read deleted or damaged files from a criminal's computer is an example of a law enforcement specially called ?

○ Robotics

○ Simulation

○ Computer Forensics

○ Animation

114 What are the important parts of the mobile device which used in Digital forensic ?

○ SIM

○ RAM

○ ROM

○ MMC chip

115 Using what, data hiding in encrypted images be carried out in digital forensics ?

○ Acquisition

○ Steganography

○ Live analysis

○ Hashing

116 Which of this is not a computer crime ?

○ E-mail harassment

○ Falsification of data

○ Sabotage

○ Indentification of data

○ .exe

○ .txt

○ .iso

○ .sam

118 _____is the process of recording as much data as possible to create reports and analysis on user input.

○ Data mining

○ Data carving

○ Metadata

○ Data Spoofing

119 _____searches through raw data on a hard drive without using a file system.

○ Data mining

○ Data carving

○ Metadata

○ Data spoofing

120 What is the first step to Handle Retrieving Data from an Encrypted Hard Drive ?

○ Fromatting disk

○ Storing data

○ Finding configuration files

○ Deleting files

121 The criminological principle which states that, when anyone or anything, enters a crike scene he/she takes something of the scene with him/her, and leaves something of himself/herself behind is:

○ Locard's Exchange Principle

○ Differential Association Theory

○ Beccaria' Social Contact

○ None of the above

122 The author of a series of threatening e-mails consistently uses "im" instead of "I" m. This is an example of:

○ An individual characteristic

○ An incidental characteristic

○ A class characteristic

○ An indeterminate characteristic

123 Personal computers and networks are often a valuable source of evidence. Those involved with should be comfortable with this technology.

○ Prosecution

○ Defence work

○ Criminal Investigation

○ All of the above

124 An argument for including computer forensic training computer security specialist is:

○ It teaches them when it is time to call in law enforcement

○ It provides an additional credential

○ It provides them with the tools to conduct their own investigations

○ None of the above

125 The digital evidence is used to establish a credible link between.

○ Attacker and victim and the crime scene

○ Attacker and crime scene

○ Victim and the crime scene

○ Attacker and information

<div align="right">Correct: +1</div>

126 Digital evidences must follow the requirement of the

○ Ideal Evidence rule

○ Best Evidence rule

○ Exchange rule

○ All the mentioned

<div align="right">Correct: +1</div>

127 The evidence or proof can be obtained from the electronic source is called the

○ Digital evidence

○ Demonstrative evidence

○ Explainable evidence

○ Substantial evidence

<div align="right">Correct: +1</div>

○ Routing table

○ Main memory

○ Log files

○ Cached data

Correct: +1

129 The evidence must be usable in the count which is called as

○ Admissible

○ Authentic

○ Complete

○ Reliable

Correct: +1

130 Email, hard drives are examples of

○ Illustrative evidence

○ Electronic evidence

○ Documented evidence

○ Explainable evidence

131 Blood, fingerprints, DNA these are example of

○ Illustrative evidence

○ Electronic evidence

○ Documented evidence

○ Substantial evidence

132 When an incident takes place, a criminal will leave hint evidence at the scene and remove a hint from the scene which is called as

○ Locard's Exchange Principle

○ Anderson's Exchange Principle

○ Charlie's Anthony Principle

○ Kevin Ashton principle

133 Which is not procedure to establish a chain of custody?

○ Save the original materials

○ Take photos of physical evidence

○ Don't take screenshots of digital evidence content

○ Document data, time, and any other information of receipt

134 Which is not related with digital evidence?

○ Work with the original evidence to develop procedures

○ Use clean collecting media

○ Document any extra scope

○ Consider safety of personnel at the scene

135 Which is example of non-volatile memory

○ Flash memory

○ Registers and cache

○ Process table

○ Are cache

136 ___is known as testimonial

○ Oath affidavit

○ Fingerprint

○ Dried blood

137 The process of ensuring that providing or obtaining the data that you have collected is similar to the data provides or presented in a count is known as

○ Evidence validation

○ Relative evidence

○ Best Evidence

○ Illustrative evidence

138 When cases go to trial your forensics examiner play one of role

○ 2

○ 4

○ 3

○ 5

139 Type of digital evidence

○ Eye witness

○ Picture and video

○ Paper work

○ None of the above

140 Rule of evidence is also known as

○ Law of witness

○ Law of litigation

○ Law of evidence

○ All of the above

141 All forensic examinations should be performed on the original digital evidence.

○ True

○ False

142 Digital evidence can be duplicated exactly without any changes to the original data.

○ False

143 Computers were involved in the investigations into both World Trade Center attacks.

○ True

○ False

144 Digital evidence is always circumstantial.

○ True

○ False

145 Digital evidence alone can be used to build a solid case.

○ True

○ False

146 Computers can be used by terrorist to detonate bombs.

○ True

○ False

147 The aim of a forensic examination is to prove with certainty what occurred.

○ True

○ False

148 Even digital investigations that do not result in legal action can benefit from principle of forensic science.

○ True

○ False

149 Forensic science is the application of science to investigation and Prosecution of crime or to the just resolution of conflict.

○ True

○ False

150 What is digital Forensic?

○ Process of using scientific knowledge in Analysis and presentation of evidence in court

○ The application of computer science and investigative procedure for a legal Purpose involving the analysis of digital evidence after proper search authority, chain of custody, validation with mathematics, use of validated tools, repeatability, reporting, and possible expert presentation

○ Process where we develop and test hypotheses that answer questions about digital event

○ Use of science or technology in the Investigation and establishment of the factor evidence in a court of law

151 Using what, data hiding in encrypted images be carried out in digital forensic?

○ Acquisition

○ Steganography

○ Live Analysis

○ Hashing

152 A valid definition of digital evidence is:

○ Data store or transmitted using a computer

○ Information of probative value

○ Digital data of probative value

○ Any digital evidence on a computer

153 What are the three general categories of computer systems that can contain digital evidence?

○ Desktop, laptop, server

○ Hardware , Software, Network

○ Open computer systems, communication systems and embedded systems

154 In terms of digital evidence, a hard drive is an example of:

○ Open computer systems

○ Communication systems

○ Embedded computer systems

○ None of the above

155 In terms of digital evidence, a mobile telephone is an example of:

○ Open computer systems

○ Communication systems

○ Embedded computer systems

○ None of the above

156 In terms of digital evidence, a Smart card is an example of:

○ Communication systems

○ Embedded computer systems

○ None of the above

<div align="right">Correct: +1</div>

157 In terms of digital evidence, the internet is an example of:

○ Open computer systems

○ Communication systems

○ Embedded computer systems

○ None of the above

<div align="right">Correct: +1</div>

158 Computers can be involved in which of the following types of crime?

○ Homicide and sexual assault

○ Computer Introductions and intellectual property theft

○ Civil disputes

○ All the above

<div align="right">Correct: +1</div>

○ An unknown person logged into the system using the account

○ The owner of a specific account logged into the system

○ The account was used to log into the system

○ None of the above

<div align="right">Correct: +1</div>

160 Cyber trails are Advantageous because:

○ They are not connected to the physical world.

○ Nobody can be harmed by crime on the internet.

○ They are easy to follow.

○ Offenders who are unaware of them leave behind more clues than they otherwise would have.

<div align="right">Correct: +1</div>

161 Private networks can be a richer source of evidence then the internet because:

○ They Retain data for longer periods of time

○ Owner of private networks are more cooperative with law enforcement

○ Private networks contain a higher concentration of digital evidence.

○ None of the above

162 Due to caseload and budget constraints, often computer security professionals attempt to limit the damage and close each investigation as quickly as possible. Which of the following is NOT a significant drawback to this approach?

○ Each unreported incident robs attorneys and law enforcement personnel of an opportunity to learn about the basics of computer -related crime.

○ Responsibility for incident resolution frequently does not reside with the security professional but with management

○ This approach results in under-reporting of criminal activity deflating statistics that are used to Allocate corporate and government spending on combating computer-related crime

○ Computer security professionals develop loose evidence processing habits that can make it more difficult for law enforcement personnel and attorneys to prosecute an offender

Correct: +1

163 Types of digital evidence

○ Eye witness

○ Picture and video

○ Paper work

○ None of the above

Correct: +1

164 Rule of evidence is also known as_____

○ Law of witness

○ Law of litigation

○ Law of evidence

○ All of the above

165 Digital evidence is only useful in a court of law.

○ True

○ False

166 Attorneys and police are encountering progressively more digital evidance in their work.

○ True

○ False

167 Video surveillance can be a form of digital evidence.

○ True

○ False

168 All forensic examinations should be performed on the original digital evidence.

○ True

○ False

169 Digital evidence can be duplicated exactly without any changes to the original data

○ True

○ False

170 Computers were involved in the investigations into both World Trade Center attacks.

○ True

○ False

171 Digital evidence is always circumstantial.

○ True

○ False

172 Digital evidence alone can be used to build a solid case.

○ True

○ False

173 Computers can be used by terrorists to detonate bombs.

○ True

○ False

174 The aim of a forensic examination is to prove with certainty what occurred.

○ True

○ False

175 Even digital investigations that do not result in legal action can benefit from principles of forensic science.

○ True

○ False

176 Forensic science is the application of science to Investigation and Prosecution of crime or to the just resolution of conflict.

○ True

○ False

177 Photographs, videos, sound recordings, X-rays, maps drawing , graphs, charts is a type of___

○ Illustrative evidence

○ Electronic evidence

○ Documented evidence

○ Explainable evidence

178 From the two given statements 1 and 2, select the correct Option from a-d.

1. Original media can be used to carry out digital investigation process.
2. By default, every part of the victim's computer is considered as unreliable.

○ a and b both are true

○ a is true and b is false

○ a and b both are false

○ a is false and b is true

ANSWERS

SECTIONS

1. MCQ's - 178 Questions

Section 1 : MCQ's - 178 Questions

1   Artiflclal Intelllgence

2   Artificial Intelligence is a field that alms to develop intelligent machines

3   John McCarthy

4   Machine Learning

5   To solve artificial problems

6   Language understanding and problem-solving (Text analytics and NLP)

7   categorized into 3 categories

8   Based on capabilities and functionally

9   Learning

10   Mapping of precept sequence to an action.

11   Unity-based AI agent

12 Perl

13 system known as STUDENT

14 system which can read and solve algebra word problems

15 DBMS

16 AI system

17 4

18 2 proposition symbols

19 There are 5 logical symbols

20 All of the mentioned

21 Applied AI approach

22 All of the above

23 Learning

24 Both Program and Architecture

25 Cognitive approach

26 All of the mentioned

27 All of the mentioned

28 Planning and Scheduling

29 All of the mentioned

30 Deterministic

31 Fuzzy logic

32 ILP

33 Complete description fo the domain

34 2

35 the study of mental faculties using mental models implemented on a computer

36 All of the above

37 The autonomous acquisition of knowledge through the use of computer programs

38 hyperparameters

39 All of the above

40 Answer A and B

41 Answer A and B

42 The deep in deep learning is a reference to any kind of deeper understanding achieved by the approach

43 Machine learning tend to focus on learning only one or two layers of representations of the data

44 In deep learning, played representations are (almost always) learned via models called deep neural networks, structured in literal layers stacked on top of each other

45 Artificial intelligence

46 All of the above

47 Both A and B

48 Anamoly detection

49 Machine Learning

50 All of the above

51 DRAM

52 Peripherals

53 compilers

54 Internet of Things

55 network of physical objects embedded with sensors

56 Table

57 IoT devices are completely safe

58 Flipcart

59 BMP280

60 Transformer

61 Industrial Internet of Things

62 Data link layer

63 Alexa

64 LED

65 Stepper motor

66 They are open-source software

67 Protocol abstraction

68 Machine generated data

69 TCP/IP

70 Seven elements

71 Industrial IoT

72 Security

73 Internet as a Service

74 Role of green IoT system

75 Layer 3 (Network)

76 uniform resource identifire

77 physical object + controller sensor and actuator + internet

78 Manipulation of computer data.

79 Integrated Digital Investigation Process.

80 G.Palmar

81 All of the above

82 Hypothetical

83 The danger of macro viruses

84 Control

85 1984

86 1980's

87 The application of computer science and investigation procedures for a legal purpose involving the analysis of digital evidence after proper search authority, the chain of custody, validation with mathematics, use of validated tools, repeatability, reporting, and possible expert presentation

88 The identification, preservation, recovery, restoration, and presentation fo digital evidence from systems and devices

89 It is the investigator's job to determine someone's guilt or innocence.

90 Admissibility of Evidence

91 Reconstruction phase

92 survey phase

93 Survey phase

94 Manipulation of computer data.

95 The examination must be conduced in such a way as to prevent any modification of the evidence.

96 Hardware

97 Digital crime investigation

98 Deployment phase

99 Review phase

100 Michael Anderson

101 Forensic

102 Stephenson

103 Integrated Digital Investigation Process (IDIP)

104 Conform and human readable.

105 Evidence

106 Firewall

107 All of the above

108 All of the above

109 Uphold any relevant Evidence

110 To respect the privacy of others.

111 Acqisition

112 Hacking

113 Computer Forensics

114 RAM

115 Steganography

116 Indentification of data

117 .exe

118 Data carving

119 Data carving

120 Finding configuration files

121 Locard's Exchange Principle

122 An individual characteristic

123 All of the above

124 It teaches them when it is time to call in law enforcement

125 Attacker and victim and the crime scene

126 Best Evidence rule

127 Digital evidence

128 Log files

129 Admissible

130 Electronic evidence

131 Electronic evidence

132 Locard's Exchange Principle

133 Don't take screenshots of digital evidence content

134 Work with the original evidence to develop procedures

135 Flash memory

136 Oath affidavit

137 Evidence validation

138 2

139 Picture and video

140 Law of evidence

141 False

142 False

143 True

144 False

145 False

146 True

147 False

148 True

149 True

150 The application of computer science and investigative procedure for a legal Purpose involving the analysis of digital evidence after proper search authority, chain of custody, validation with mathematics, use of validated tools, repeatability, reporting, and possible expert presentation

151 Steganography

152 Digital data of probative value

153 Open computer systems, communication systems and embedded systems

154 Open computer systems

155 Embedded computer systems

156 Embedded computer systems

157 Communication systems

158 All the above

159 The account was used to log into the system

160 Nobody can be harmed by crime on the internet.

161 Private networks contain a higher concentration of digital evidence.

162 Computer security professionals develop loose evidence processing habits that can make it more difficult for law enforcement personnel and attorneys to prosecute an offender

163 Picture and video

164 Law of evidence

165 False

166 True

167 True

168 False

169 False

170 True

171 False

172 False

173 True

174 False

175 True

176 True

177 Illustrative evidence

178 a is true and b is false