

IAT 3 IoT and WSN

The respondent's email address (shai17te@cmrit.ac.in) was recorded on submission of this form.

What is the microcontroller used in Arduino UNO?

2 points

- ATmega328p
- ATmega2560
- ATmega32114
- AT91SAM3x8E
- Option 2

Which is the software or a programming language used for controlling of Arduino?

2 points

- Assembly Language
- C Languages
- JAVA
- Any Language

A program written with the IDE for Arduino is called _____

2 points

- IDE source
- Sketch
- Cryptography
- Source code

Arduino IDE consists of 2 functions. What are they?

2 points

- Build() and loop()
- Setup() and build()
- Setup() and loop()
- Loop() and build() and setup()

In _____ routing, in order to get sources and sinks to meet each other, we must spread information from each regions of the sensor field, so that the two growing regions eventually intersect

2 points

- rumour
- reactive

Even with two-factor authentication, users may still be vulnerable to _____ attacks.

2 points

- Scripting
- Cross attack
- Man-in-the-middle
- Radiant

Example of a good password is

2 points

- name of a partner or spouse
- word related to a job or hobby
- words contains multiple random digits
- name of a child or pet

If the sender and receiver use different keys, the system is referred to as conventional cipher system.

2 points

- True
- False

In asymmetric key cryptography, the private key is kept by

2 points

- Receiver
- sender and receiver
- Sender
- all the connected devices to the network

In cryptography, what is cipher?

2 points

- encrypted message
- both algorithm for performing encryption and decryption and encrypted message
- algorithm for performing encryption and decryption
- none of the above

Process of identifying any individual

2 points

- Auditing
- Authorisation
- Authentication
- Accounting

Process of keeping track of users activity -

2 points

- Authentication
- Authoring
- Authorisation
- Accounting

The process of converting data into a format that can not be read by another user

2 points

- Registering
- Locking
- Encryption
- Keying

The process of identifying assets and threats in an organisation is known as

2 points

- Threat Modeling
- Security Auditing
- Security Planning
- Firewalling

The process of indentifying a person before giving an access?

2 points

- Authentication
- Encryption
- Auditing
- Access control

What concept determines what resources users can access after they log on?

2 points

- Auditing
- Defense in depth
- Authentication
- Access control

What do you call the scope that hacker can use to break into a system

2 points

- Attack surface
- Defense in depth
- Principle of least privilege
- Risk mitigation

Which of the following is threat to IoT Device

2 points

- Virus
- People
- Natural Disaster
- Spoofing
- All of the above

Which of the following terms indicates that information is to be read only by those people for whom it is intended?

2 points

- Availability
- Accounting
- Integrity
- Confidentiality

How does a Denial of Service attack work?

2 points

- Cracks passwords, causing the system to crash
- Imitates a valid user
- Prevents a legitimate user from using a system or service
- Attempts to break the authentication method

Which of the following best describes sniffing?

2 points

- Gathering packets to locate IP addresses, in order to initiate a session-hijacking attack
- Analyzing packets in order to locate the sequence number to start a session hijack
- Monitoring TCP sessions in order to initiate a session-hijacking attack
- Locating a host susceptible to a session-hijack attack

What is session hijacking?

2 points

- Monitoring UDP session
- Monitoring TCP sessions
- Taking over UDP sessions
- Taking over TCP sessions

Producing a three-dimensional picture of the internal structures of an object, by observation and recording of the differences in effects on passage of energy waves impinging on those structures is known as Tomography.

2 points

- true
- false

While _____ protocols are extremely simple, they can get stuck in local minima. In contrast, _____ protocols can provide guaranteed delivery, but require both preprocessing and a significantly more complex routing algorithm 2 points

- greedy distance/perimeter
- perimeter/greedy distance

GPSR protocol is a mixture of _____ 2 points

- greedy distance
- perimeter
- both

This form was created inside of CMR Institute of Technology.

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