

[Home](#) > [Certification](#) > [CISCO Introduction to IoT Final Exam Answers](#)

CERTIFICATION

## CISCO Introduction to IoT Final Exam Answers

18th July 2020 11138 0



**Q1) Change will have to occur in the corporate network in order to prepare for the Internet of Things. Which type of testing would a company do to demonstrate the benefits of networking a new "thing" that was not on the network before?**

- prototyping
- transference
- developmental
- formative

**Q2) A company requires using a secure encrypted internet connection when connecting to the corporate network from outside the company. Which technology should be used when employees travel and use a laptop?**

- VPN
- Wi-Fi hotspot
- Siri
- Bluetooth

**Q 3) What is a key feature of the assurance element of the intent-based networking model?**

- end-to-end verification of network-wide behavior
- verification of configuration before devices are deployed
- provisioning of intent-based policies
- application of business intent to network configuration

**Q4) Which security best practice involves defining company rules, job duties, and expectations?**

- implementing physical security
- maintaining patches and updates
- developing a security policy
- performing risk assessments

**Q5) Which two data types would be classified as personally identifiable information (PII)? (Choose two.)**

- hospital emergency use per region
- house thermostat reading
- Facebook photographs
- average number of cattle per region
- vehicle identification number
- Navigation Bar

**6) True or False? Comma-separated values (CSV), JSON, and XML are all tools that can be used to manipulate structured data.**

- false
- true

**Q7) Which statement describes global variables in programming languages?**

- They cannot be used within any functions in a program.
- They can only be used within the function they are declared in.

[Join Priya's Dogra Telegram Channel.](#)[Join Priya's Dogra Official Telegram Channel](#)

Priya Dogra

[YouTube](#)[Subscribe to Priya's Dogra Official YouTube Channel](#)

EDITOR PICKS

Dekho Apna Desh Webinar Quiz- Promoting Destinations with Cuisines Quiz Answers

Er Priya Dogra - 19th September 2020

MI Scholarship 2021 | Xiaomi India Scholarship for class 11/12 & Undergraduate Students | ...

Er Priya Dogra - 31st January 2021

2nd October Quiz Contest | Gandhi Quiz Contest 2020

Er Priya Dogra - 21st October 2020

• They can only be used within the function they are declared.

• **They can be used within any function of a program.**

• They are declared within a function.

• Navigation Bar

**Q 8 )Which two types of institutions do malicious web pages often look like? (Choose two.)**

• **bank**

• commercial

• **financial**

• technical

• academic

**Q9)True or False?**

**With artificial intelligence, smart devices can modify processes and settings on the fly in response to changes on the network.**

• false

• **true**

**Q10)Which two skills help with IoT prototyping? (Choose two.)**

• database administration

• welding

• Windows operating systems

• **programming**

• **design**

**Q11)Match the term with the definition. (Not all options are used.)**

- **Hadoop** – a comprehensive ecosystem...
- **distributed processing** – breaks large volumes of data...
- **fog computing** – an architecture that utilizes...
- **cloud services** – a collection of data centers...

**Q12)Which technology is used as a visual programming tool to create a program by connecting colored blocks?**

• Arduino

• JavaScript

• Python

• **Blockly**

**Q13)What limits the types of different objects that can become intelligent sensors on the Internet of Things?**

• the size of the internet

• **our imagination**

• the government

• availability of power for consumption

**Q14)Match the logic structure to the function.**

**allow the code to make decisions** – if-then

**execute a block of code while a condition is true – while**

**repeat the execution of a specific block of code for a specific number of times – for**

**Q15) What device provides auto discovery services for smart devices that are connected to the network?**

- PC
- laptop
- **home gateway**
- tablet

**16)What is the purpose of Packet Tracer?**

- **to simulate and visualize one or more networks**
- to provide products and services to internet customers
- to enable the sharing of resources such as printers, documents, pictures, and music between a few local computers
- to use electromagnetic waves to carry signals over a specific geographic area

**Q 17)What are two features of automation? (Choose two.)**

- **a process that eventually eliminates the need for human intervention**
- a process that always uses sensors
- **a process that is self-driven**
- a process that always uses robots
- a process that results in 12 hour shifts

**Q18 )How is data that has been collected through sources such as web pages, audio, or tweets categorized?**

- raw data
- structured data
- **unstructured data**
- application data
- Navigation Bar

**Q 19)What is an open-source physical computing platform that can take input from a variety of switches or sensors to control physical objects?**

- Raspberry Pi
- Beaglebone
- **Arduino**

**Q20)Which technology has the intelligence that is demonstrated by machines in a way that mimics human cognitive functions?**

- **AI**
- IBN
- CSV
- ML

**Q 21)Which character is used within a search engine to gather data efficiently by placing the character before and after the name of a particular person?**

- **quotation mark (")**

- semicolon (;)

- question mark (?)

- colon (:)

- Navigation Bar

**Q22)What is the largest network in existence?**

- **the internet**

- a PAN

- a WAN

- the fog

- Navigation Bar

**Q23 )Which type of network consists of wired computers in a college classroom?**

- PAN

- **LAN**

- MAN

- WAN

- Navigation Bar

**Q24) What are the two areas of physical security within a data center?**

- **inside**

- restricted

- public

- private

- **outside**

- Navigation Bar

**Q25) What are two things that all digital devices need in order to work? (Choose two.)**

- **computer program**

- global positioning satellite

- sensor

- **data**

- artificial intelligence

- Navigation Bar

**Q26 )What are two requirements to connect a smart device to a home wireless network? (Choose two.)**

- URL

- **SSID**

- home gateway name

- **IP addressing**

- GUI

**Q 27)What is the core component of Intent-Based Networking?**

- fog computing
- the internet
- the cloud
- **artificial intelligence**

**Q 28)What are three attributes of data that would indicate that it may be big data? (Choose three.)**

- **volume**
- vulnerability
- **velocity**
- versatility
- visibility
- **variety**

**Q 29)Which technology is a subset of AI that uses statistical techniques to enable computers to “learn” from collected data?**

- **ML**
- CSV
- IBN
- JSON

**Q 30)What is the purpose of data analytics?**

- to optimize data storage
- to compress data
- **to gain new insights from data**
- to ensure data security

**Q 31)What are two characteristics of the Python programming language? (Choose two.)**

- It requires a compiler to be installed.
- It uses the & symbol to indicate that the interactive mode is ready to accept commands.
- **It runs without conversion to machine-language.**
- **The code is easy to read.**
- It only runs in the interactive mode.

**Q 32)Which type of network is the connection between a Bluetooth headset and a vehicle?**

- **PAN**
- cloud
- LAN
- MAN

**Q 33) What is used to provide IoT sensors with access to the network?**

- an actuator

- fog computing
- **a microcontroller**
- a laptop
- Navigation Bar

**Q34) What are three benefits of cloud computing? (Choose three.)**

- **It streamlines the IT operations of an organization by subscribing only to needed services.**
- It uses open-source software for distributed processing of large datasets.
- **It eliminates or reduces the need for onsite IT equipment, maintenance, and management.**
- It turns raw data into meaningful information by discovering patterns and relationships.
- **It enables access to organizational data anywhere and at any time.**
- It utilizes end-user clients to do a substantial amount of data preprocessing and storage.

**Q35) Mined data can be visualized through the use of charts. Select two criteria that can be used to determine the best chart selection. (Choose two.)**

- **items requiring comparison**
- size of the chart
- **number of variables to be shown**
- data format
- file size



Previous article

**IoT – Internet of Things Free Course with Certificate**

Next article

**Learn Advanced HTML5, CSS3, JavaScript, SVG Bootstrap & jQuery Free Courses with Certificate**



Er Priya Dogra

RELATED ARTICLES

MORE FROM AUTHOR



**Certification**

Email Security Quiz Answers – Information Security Education Awareness

**Certification**

Data Science with Scala Cognitive Class Exam Answers

**Certification**

NSDC Launches 2- Day Free Artificial Intelligence and Machine Learning Project Building Session in collaboration with Lets Upgrade

LEAVE A REPLY

Comment:

**Join Priya's Dogra Telegram Channel.**

**Join Priya's Dogra Official Telegram Channel**



Priya Dogra  
Undergraduate Students | ...  
Er Priya Dogra - 31st January 2021

2nd October Quiz Contest | Gandhi Quiz  
Contest 2020

Er Priya Dogra - 2nd October 2020

Google Pay Goa Event Quiz Answers

Er Priya Dogra - 24th November 2020



Name:\*

Email:\*

Website:

☐ Save my name, email, and website in this browser for the next time I comment.

Post Comment



Welcome to Priya Dogra official Blog here you will find all the latest trends on Technologies

Contact us: [info@priyadogra.com](mailto:info@priyadogra.com)



#### EVEN MORE NEWS

Email Security Quiz Answers  
- Information Security  
Education Awareness  
6th February 2021

IIT Bombay Internship 2021 |  
Summer Internship Program  
for Students  
5th February 2021

Tata Building India School  
Essay Competition 2021 for  
Students  
5th February 2021

#### POPULAR CATEGORY

|                    |     |
|--------------------|-----|
| Certification      | 271 |
| Uncategorised      | 125 |
| Free Courses       | 98  |
| Cognitive Class    | 42  |
| Govt Certification | 36  |
| How To             | 13  |
| Udemy Courses      | 12  |

