Introduction to IoT English 1120 dm

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Marks	18.00/20.00
Grade	**90.00** out of 100.00

Quiz navigation

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✓	✓	▉	✓	✓	✓	✓	✓

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✓	✓

Finish review

Question 1

Correct

Mark 2.00 out of 2.00

⚑ Flag question

What is the primary focus of the CCNA Routing and Switching curriculum that is available through the Cisco Networking Academy?

Select one:
- ○ It teaches learners critical business and financial skills and helps them develop an entrepreneurial mindset.
- ○ It provides learners to have a comprehensive overview of networking concepts and skills. ✔
- ○ The curriculum teaches learners how to connect sensors to the cloud, analyze big data, and securely collect data.
- ○ It teaches learners the fundamentals of computer hardware and software.

Refer to curriculum topic: 6.1.1
The Cisco Networking Academy delivers a comprehensive, 21st century learning experience through a wide variety of courses. Some of the offerings of the Networking Academy include the following:

- **IoT Fundamentals** " This series of courses teaches learners about the IoT and how it can be used to enhance society. It includes courses and activities that allow learners to develop their skills for securely collecting data and connecting sensors to the cloud, analyzing big data, and creating an IoT solution.
- **IT Essentials** - IT Essentials teaches learners fundamentals of computer hardware and software. It also introduces more advanced concepts, such as security, networking, and the responsibilities of an IT professional.
- **Entrepreneurship** - The Entrepreneurship course teaches learners critical business and financial skills, and attitudes and behaviors to help students develop an entrepreneurial mindset, which can empower them to improve their overall quality of life.
- **Introduction to Cybersecurity** - The Introduction to Cybersecurity course covers trends in cybersecurity and demonstrates the need for cybersecurity skills in various industries.
- **CCNA Routing and Switching** " Cisco Certified Networking Associate (CCNA) Routing and Switching provides a comprehensive overview of networking concepts and skills. It covers skills and knowledge required for administrators of devices in small to medium-sized networks. This curriculum has an emphasis on practical applications, work-force readiness, and soft-skills development.
- **CCNA Security** - CCNA Security introduces the core security concepts and skills needed to install, troubleshoot, and monitor a network to maintain the integrity, confidentiality, and availability of data and devices.
- **CCNP** " This curriculum is the next step for people who have completed the CCNA Routing and Switching courses.

The correct answer is: It provides learners to have a comprehensive overview of networking concepts and skills.

Question 2

Correct

Mark 2.00 out of 2.00

⚑ Flag question

Which IoT-related job would deal with the development and implementation of the underlying technologies within the digital world?

Select one:
- ○ **engagers**
- ○ **enhancers**
- ○ **educators**
- ○ **enablers** ✔

Refer to curriculum topic: 6.1.1
Enablers develop and implement the underlying technology. Engagers design, create, integrate, and deliver IoT services to customers. Enhancers devise their own value-added services, on top of the services provided by engagers, that are unique to the Internet of Things.

The correct answer is: **enablers**

Question 3

Incorrect

Mark 0.00 out of 2.00

⚑ Flag question

Which series of Cisco Networking Academy courses is designed to develop skills for securely collecting data, connecting sensors to the cloud, and analyzing big data?

Select one:
- ○ Introduction to Cybersecurity
- ○ Entrepreneurship ✘
- ○ IoT Fundamentals
- ○ CCNA Security

Refer to curriculum topic: 6.1.1
IoT Fundamentals offers a series of courses about the IoT and how it can be used to enhance society. It currently

includes courses and activities to develop skills for securely collecting data and connecting sensors to the cloud, analyzing big data, and creating a self-defined IT solution.

The correct answer is: IoT Fundamentals

Question 4

Correct

Mark 2.00 out of 2.00

⚑ Flag question

What is the primary focus of the IT Essentials course available through the Cisco Academy curriculum?

Select one:

- ○ The course teaches learners how to connect sensors to the cloud, analyze big data, and securely collect data.
- ○ It teaches learners critical business and financial skills and helps them develop an entrepreneurial mindset.
- ● It teaches learners the fundamentals of computer hardware and software. ✔
- ○ It teaches learners to have a comprehensive overview of networking concepts and skills.

Refer to curriculum topic: 6.1.1

The Cisco Networking Academy delivers a comprehensive, 21st century learning experience through a wide variety of courses. Some of the offerings of the Networking Academy are as follows:

- **IoT Fundamentals** " This series of courses teaches learners about the IoT and how it can be used to enhance society. It includes courses and activities that allow learners to develop their skills for securely collecting data and connecting sensors to the cloud, analyzing big data, and creating an IoT solution.
- **IT Essentials** - IT Essentials teaches learners fundamentals of computer hardware and software. It also introduces more advanced concepts, such as security, networking, and the responsibilities of an IT professional.
- **Entrepreneurship** - The Entrepreneurship course teaches learners critical business skills, financial skills, attitudes, and behaviors to help students develop an entrepreneurial mindset which can empower them to improve their overall quality of life.
- **Introduction to Cybersecurity** - The Introduction to Cybersecurity course covers trends in cybersecurity and demonstrates the need for cybersecurity skills in various industries.
- **CCNA Routing and Switching** " Cisco Certified Networking Associate (CCNA) Routing and Switching provides a comprehensive overview of networking concepts and skills. It covers skills and knowledge required for administrators of devices in small to medium-sized networks. This curriculum has an emphasis on practical application, work-force readiness, and soft-skills development.
- **CCNA Security** - CCNA Security introduces the core security concepts and skills needed to install, troubleshoot, and monitor a network to maintain the integrity, confidentiality, and availability of data and devices.
- **CCNP** " This curriculum is the next step for people who have completed the CCNA Routing and Switching courses.

The correct answer is: It teaches learners the fundamentals of computer hardware and software.

Question 5

Correct

Mark 2.00 out of 2.00

⚑ Flag question

True or False?
Even though IoT is considered an enabling technology, not all jobs created are IT-related.

Select one:

- ● true ✔
- ○ false

Refer to curriculum topic: 6.1.1

The correct answer is: true

Question 6

Correct

Mark 2.00 out of 2.00

⚑ Flag question

Which IT community is a collection of resources designed for people who wish to develop skills and pursue a Cisco certification?

Select one:

- ○ IEEE
- ● Cisco Learning Network ✔
- ○ LinkedIn
- ○ DevNet

Refer to curriculum topic: 6.1.1

IT Communities are supported by industry and provide a place to help development of their products and technology, as well as those of their business partners. Two such communities provided by Cisco are the Cisco Learning Network and Cisco DevNet.

- The Cisco Learning Network is a collection of resources, information, and discussion forums. It is designed for people who wish to develop their skills in various Cisco technologies and pursue Cisco certification.
- DevNet is a Developer Program from Cisco that consists of a website, an interactive developer community, coordinated developer tools, integrated discussion forums, and sandboxes.

The correct answer is: Cisco Learning Network

Question 7

Correct

Mark 2.00 out of 2.00

⚑ Flag question

How many countries have Cisco Networking Academies helping individuals prepare for industry-recognized certifications and mastering IT skills?

Select one:

- ○ 200
- ○ 80
- ○ 100
- ● 180 ✔

Refer to curriculum topic: 6.1.1
There are over 10,400 academies in 180 countries, academies which help individuals prepare for industry-recognized certifications and entry-level information and communication technology (ICT) careers in virtually every type of industry.

The correct answer is: 180

Question 8

Correct

Mark 2.00 out of 2.00

⚐ Flag question

What is a Cisco developer program community that allows the user to learn, connect, inspire, and code and consists of coordinated developer tools, and sandboxes?

Select one:
- ○ Cisco Learning Network
- ○ LinkedIn
- ○ IEEE
- ○ DevNet ✔

Refer to curriculum topic: 6.1.1
IT Communities are supported by industry and provide a place to help development of their products and technology, as well as those of their business partners. Two such communities provided by Cisco are the Cisco Learning Network and Cisco DevNet.

- The Cisco Learning Network is a collection of resources, information, and discussion forums. It is designed for people who wish to develop their skills in various Cisco technologies and pursue Cisco certification.
- DevNet is a Developer Program from Cisco that consists of a website, an interactive developer community, coordinated developer tools, integrated discussion forums, and sandboxes.

The correct answer is: DevNet

Question 9

Correct

Mark 2.00 out of 2.00

⚐ Flag question

What is the primary focus of the IoT fundamentals courses available through Cisco Networking Academy curriculum?

Select one:
- ○ The courses teach learners how to connect sensors to the cloud, analyze big data, and securely collect data. ✔
- ○ They teach learners the fundamentals of computer hardware and software.
- ○ They teach learners to have a comprehensive overview of networking concepts and skills.
- ○ They teach learners critical business skills, financial skills and helps them develop an entrepreneurial mindset.

Refer to curriculum topic: 6.1.1
The Cisco Networking Academy delivers a comprehensive, 21st century learning experience through a wide variety of courses. Some of the offerings of the Networking Academy are as follows:

- **IoT Fundamentals** " This series of courses teaches learners about the IoT and how it can be used to enhance society. It includes courses and activities that allow learners to develop their skills for securely collecting data and connecting sensors to the cloud, analyzing big data, and creating an IoT solution.
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- **CCNA Security** - CCNA Security introduces the core security concepts and skills needed to install, troubleshoot, and monitor a network to maintain the integrity, confidentiality, and availability of data and devices.
- **CCNP** " This curriculum is the next step for people who have completed the CCNA Routing and Switching courses.

The correct answer is: The courses teach learners how to connect sensors to the cloud, analyze big data, and securely collect data.

Question 10

Correct

Mark 2.00 out of 2.00

⚐ Flag question

How many students have been trained through Cisco Networking academies to date?

Select one:
- ○ half a million
- ○ half a billion
- ○ 5 million ✔
- ○ 1 million

Refer to curriculum topic: 6.1.1
There are over 10,400 academies in 180 countries, academies which help individuals prepare for industry-recognized certifications and entry-level information and communication technology (ICT) careers in virtually every type of industry. The Cisco Networking Academy Program has trained more than five million students to date.

The correct answer is: 5 million

NetAcad, a _Cisco Corporate Social Responsibility program_, is an IT skills and career building program available to learning institutions and individuals worldwide.