Free Questions for 700-245

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Question 1

Question Type: MultipleChoice

What are two descriptions of sustainable business practices? (Choose two.)

Options:

A- use more virgin plastics
B- will increase Cisco products on the grey market
C- increase the environmental footprint
D- are socially responsible
E- should be economically viable

Answer:

D, E

Explanation:

Sustainable business practices are those that focus on long-term success by balancing environmental, social, and economic factors. Two key descriptions are:

Are socially responsible (D): Sustainable practices involve conducting business in a way that benefits society, including fair labor practices, reducing environmental harm, and contributing to the well-being of communities. This ensures a positive impact on both people and the planet.

Should be economically viable (E): Sustainability must also be economically feasible. This means that businesses need to adopt practices that ensure profitability while minimizing resource consumption and waste. Economic viability ensures that sustainability can be maintained in the long term, benefiting both the business and its stakeholders.

Environmental Sustainability References:

United Nations Global Compact. (2020). Social Responsibility and Sustainable Business Practices.

World Economic Forum. (2021). The Triple Bottom Line: Environmental, Social, and Economic Sustainability.

McKinsey & Company. (2021). Sustainability: A Business Imperative for Long-Term Growth.

Question 2

Question Type: MultipleChoice

What type of leader relies on IT for recommendations on technology investments?

Options:

A- Sustainability Leader
B- IT Leader
C- Procurement Leader
D- Business Leader

Answer:

D

Explanation:

A Business Leader relies on IT for recommendations on technology investments. Business leaders, who focus on driving the overall strategy and performance of the company, often turn to IT leaders for expert guidance on technology solutions that can enhance operations, improve efficiency, and support sustainability goals. IT leaders play a crucial role in identifying, evaluating, and recommending technologies that align with the business's needs and objectives, ensuring that the company stays competitive while meeting its technological and sustainability targets.

Environmental Sustainability References:

Gartner. (2021). The Role of IT in Business Strategy and Decision-Making.

Harvard Business Review. (2020). Business Leaders and the Importance of IT in Strategic Technology Investments.

Cisco. (2021). How IT Leaders Drive Business Sustainability and Innovation.

Question 3

Question Type: MultipleChoice

What did the study in Sweden show could happen just by transitioning from 15% to 30% virtual meetings?

Options:

A- Sweden could reduce its C02 emissions by 550\000T.
B- Employee satisfaction could increase by 40%.
C- The average length of the meeting would be reduced by 27%.
D- Traffic congestion in Sweden would reduce by 10%.

Answer:

A

Explanation:

A study in Sweden demonstrated that by transitioning from 15% to 30% virtual meetings, the country could reduce its CO2 emissions by 550,000 tons (T). This significant reduction is primarily attributed to decreased travel for in-person meetings, which cuts down on transportation-related emissions. Virtual meetings, facilitated by digital collaboration tools, allow companies and employees to reduce commuting, business travel, and the associated carbon footprint.

This transition is not only environmentally beneficial but also aligns with global sustainability goals to lower greenhouse gas emissions and support a more sustainable work culture.

Environmental Sustainability References:

Swedish Environmental Protection Agency. (2021). Impact of Virtual Meetings on Sweden's Carbon Emissions.

Cisco. (2020). Reducing CO2 Emissions with Virtual Collaboration: A Case Study in Sweden.

World Economic Forum. (2021). Virtual Meetings and Their Role in Sustainable Business Practices.

Question 4

Question Type: MultipleChoice

By what year has Cisco pledged support for climate actions to reach net-zero emissions?

Options:

A- 2025
B- 2030

C- 2035
D- 2040

Answer:

D

Explanation:

Cisco has pledged to achieve net-zero emissions by 2040 across its entire value chain, including Scope 1, 2, and 3 emissions. This comprehensive target includes reducing direct emissions (Scope 1), emissions from purchased energy (Scope 2), and indirect emissions across the supply chain and product lifecycle (Scope 3). Cisco's strategy includes increasing energy efficiency, adopting renewable energy, and developing circular economy practices to ensure this goal is met. The company is also committed to meeting interim goals by 2030, reducing Scope 1 and 2 emissions by 90%.

Environmental Sustainability References:

Cisco. (2021). Cisco's 2040 Net-Zero Emissions Pledge.

United Nations Framework Convention on Climate Change (UNFCCC). (2021). Corporate Commitments to Achieve Net-Zero by 2040.

World Economic Forum. (2021). Pathways to Net-Zero: Cisco's Leadership in Climate Action.

Question 5

Question Type: MultipleChoice

Which percentage of the worldwide wastewater returns to the environment untreated?

Options:

A- 60%
B- 63%
C- 30%
D- 90%

Answer:

D

Explanation:

Globally, 90% of wastewater returns to the environment untreated. This untreated wastewater, which includes industrial, agricultural, and household waste, leads to widespread pollution of rivers, lakes, and oceans, posing serious risks to ecosystems, human health, and water quality. The lack of proper wastewater treatment is especially prevalent in developing regions, where infrastructure and resources for waste management are often limited.

Effective wastewater management and treatment are crucial for protecting water resources and supporting sustainability goals, such as those outlined in the United Nations Sustainable Development Goals (SDGs).

Environmental Sustainability References:

United Nations World Water Development Report (UNWWDR). (2021). Wastewater: The Untreated Crisis.

World Health Organization (WHO). (2020). Global Wastewater Management and Environmental Impact.

United Nations Environment Programme (UNEP). (2020). Wastewater Treatment and Sustainable Development.

Question 6

Question Type: MultipleChoice

What is a driving factor for the new security paradigm focused on zero trust?

Options:

A- increased lack of corporate loyalty
B- move to a decentralized batch cloud environment
C- increased mobility of employees in a hybrid work model
D- the recent release of the ZenFab ransomware virus

Answer:

C

Explanation:

The increased mobility of employees in a hybrid work model is a driving factor for the new security paradigm focused on zero trust. As more employees work remotely or in a hybrid setup, accessing company networks and resources from various locations and devices, traditional perimeter-based security models become insufficient. Zero trust is a security framework that requires continuous verification of users, devices, and applications, regardless of their location, to protect against unauthorized access and cyber threats.

Increased mobility, along with cloud adoption, has amplified the need for robust security measures that ensure trust is never assumed and that all interactions are authenticated and verified.

Environmental Sustainability References:

Cisco. (2021). Zero Trust and the Hybrid Workforce: Securing the Future of Work.

Forrester Research. (2020). Zero Trust: A New Approach to Cybersecurity in the Hybrid Work Era.

Gartner. (2021). Zero Trust and Its Role in Enterprise Mobility and Security.

Question 7

Question Type: MultipleChoice

Which percentage of Cisco's partners choose to take advantage of the sustainability practices offered for financial opportunities?

Options:

A- 35%
B- 40%
C- 45%
D- 55%

Answer:

C

Explanation:

Approximately 45% of Cisco's partners choose to take advantage of the sustainability practices

offered for financial opportunities. These partners recognize the growing demand for sustainable solutions and the potential financial benefits, such as cost savings, enhanced brand reputation, and access to new markets. By aligning with Cisco's sustainability initiatives, including reducing environmental impact and adopting circular economy practices, partners can leverage these opportunities to grow their business while contributing to global sustainability goals.

Environmental Sustainability References:

Cisco. (2021). Partnering for Sustainability: Financial Benefits of Sustainable Practices.

Global Reporting Initiative (GRI). (2020). Corporate Sustainability Practices and Partner Engagement.

McKinsey & Company. (2021). The Business Case for Sustainability: Partner Opportunities.

Question 8

Question Type: MultipleChoice

How are Smart buildings leveraging advanced monitoring of building performance and system utilization to lower resource usage and costs?

Options:

A- by using Apple Airtags to track the energy consumption of each employee
B- by using the building's network as a sensor for data-driven equipment optimization and quantification of energy consumption
C- by using analog motion sensors to determine when lights in a room can be dimmed
D- by using multiple manual interfaces to manage environmental controls
U- S. Green Building Council. (2021). Leveraging Smart Technologies to Improve Building Performance.

Answer:

B

Explanation:

Smart buildings are leveraging advanced monitoring by using the building's network as a sensor to optimize equipment and quantify energy consumption. By collecting and analyzing data from various systems like HVAC, lighting, and security, smart buildings can automatically adjust settings to reduce resource use when not needed, such as dimming lights in unoccupied areas or

optimizing heating and cooling based on occupancy patterns. This approach helps reduce energy consumption, improve operational efficiency, and lower costs while supporting sustainability goals.

Using the network as a sensor allows for real-time monitoring and data-driven decision-making, enabling building managers to make informed adjustments that reduce environmental impact.

Environmental Sustainability References:

Cisco. (2021). Smart Buildings and Network-Based Monitoring for Energy Efficiency.

International Energy Agency (IEA). (2020). Smart Building Technology for Energy Optimization and Sustainability.

Question 9

Question Type: MultipleChoice

Which program is available to return products to Cisco that can be powered on?

Options:

A- Customer Refresh Solution
B- Cisco Return Program
C- Cisco Restart
D- Customer Recycling Solutions

Answer:

D

Explanation:

Cisco's Customer Recycling Solutions program is available to return products to Cisco that can be powered on. This program allows customers to return end-of-life Cisco equipment for proper recycling, refurbishment, or reuse, ensuring that products are handled in an environmentally responsible manner. The initiative supports Cisco's sustainability goals by reducing electronic waste and promoting the circular economy, where products are recovered and given a second life instead of being discarded. This program aligns with Cisco's broader commitment to reducing its environmental footprint and contributing to sustainable product lifecycle management.

Environmental Sustainability References:

Cisco. (2021). Customer Recycling Solutions: Supporting a Circular Economy.

United Nations Environment Programme (UNEP). (2021). E-Waste Management and Corporate Recycling Programs.

Ellen MacArthur Foundation. (2020). Product Return and Recycling Programs in Circular Economy Practices.