**Which of the following statements about climate change are correct?**

Carbon dioxide is a major greenhouse gas

Climate change is a process in which certain gases prevent heat from escaping our atmosphere

Greenhouse gas levels have almost doubled since the industrial revolution

Climate change and global warming are natural phenomena

**Which of the following statements about the Paris Agreement is correct?**

The Paris Agreement’s goal is to limit the increase in global average temperature to 1.5°C above pre-industrial levels

**What risks do companies face as a result of climate change?**

Reputational risk due to inaction

Physical risk due to extreme weather

Regulatory risk due to new policies related to emissions monitoring and reduction

**What are the potential benefits of reducing greenhouse gas emissions?**

Companies can demonstrate their compliance with laws and regulations

Companies can generate extra revenue by selling carbon credits

**What preliminary steps should you follow if you are just starting to develop a sustainability program related to energy consumption or greenhouse gas emissions?**

Develop a set of targets and evaluate these to see if they are realistic and achievable

Identify stakeholders that could advise on various aspects of the program

Identify if there are any existing initiatives that could be adapted to address energy and greenhouse gas targets

**Engaging with which internal stakeholders is key to managing a company’s energy consumption and GHG emissions?**

Employees

The purchasing and operations teams

The board of directors

**Why is it so important to engage internal stakeholders in climate initiatives?**

To gain access to any financial support required to roll out climate initiatives

To ensure buy-in and participation from board-level management to meet company-wide targets on climate change

To ensure different departments are aligned with the overall goal of reducing the company’s energy consumption and GHG emissions

**Which of the following measures could manufacturers implement to reduce their carbon footprint?**

Use a waste heat recovery system(s) or combined heat and power unit(s)

Fuel switch to achieve higher energy efficiency and/or lower carbon emission intensity

**Which of the following measures could non-manufacturing companies implement to reduce their carbon footprint?**

Purchase and/or generate renewable energy

Purchase verified carbon offset credits

Provide employee training on energy conservation or climate action

**Which of the following measures could transport service companies implement to reduce their carbon footprint?**

Switch company vehicles to hybrid or hydrogen fuel cell vehicles

Use relevant software to optimize transportation routes