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Short Answer Question 4

Answer all parts of the question that follows.

a) Identify ONE technology that has contributed to globalization since the end of the Second World War and explain how it contributed to globalization.

b) Identify a SECOND technology that has contributed to globalization since the end of the Second World War and explain how it contributed to globalization.

c) Identify a THIRD technology that has contributed to globalization since the end of the Second World War and explain how it contributed to globalization.

0–3 points

Score 3
Response accomplishes all three tasks set by the question.

Score 2
Response accomplishes two of the tasks set by the question.

Score 1
Response accomplishes one of the tasks set by the question.

Score 0
Response accomplishes none of the tasks set by the question.

Score —
Is completely blank

Scoring Guide

0–3 points

• ONE point for identifying one technology that has contributed to globalization since the end of the Second World War and explaining how it contributed to globalization.
• ONE point for identifying a second technology that has contributed to globalization since the end of the Second World War and explaining how it contributed to globalization.
• ONE point for identifying a third technology that has contributed to globalization since the end of the Second World War and explaining how it contributed to globalization.

Scoring Notes

Examples of responses to parts (a), (b), and (c) that would earn credit:

• The development of the Internet has increased the accessibility of information and created opportunities for collaboration through global networks.
• The increased availability of jet travel allowed people to reach distant locations quickly and easily thereby integrating peoples and markets as never before.
• The expansion of television ownership and viewing practices provided shared sources of information, entertainment, and culture, which shaped public views.
Cellular networks and devices allowed for greater ease and convenience of communication of images and information around the world.

The development and adoption of personal computers provided for the formation of and access to sources of information that linked global digital communities.

The development of space travel and communication technologies, such as the International Space Station, led eventually to international cooperation and collaboration.

The development of inventory technologies, container shipping processes, and large container ships revolutionized the scope and efficiency of moving products to global markets.

The threat of nuclear weapons has forced the formation of international organizations to monitor geopolitical relationships and maintain peace.

Data networks and monitoring systems measure the impact of humans on the environment and promote cooperative action to address environmental stressors and challenges.
One technology that has contributed to globalization since the end of the Second World War is the Internet. Though not everyone has access to it, a majority of the world's population does. As a result, the Internet has connected people all over the world and affected everyone alive today. Another technology that has contributed to globalization is the cell phone. It has served to connect people all over the world like the Internet, but does so with a greater freedom due to its mobility versus using the Internet on a computer that must remain stationary. Another technology that has contributed to globalization is music players such as the MP3 player, the Walkman, or cassette players. All of these innovations have served to spread music and thereby the cultures associated with them across the globe.
The Internet has the biggest contribution to globalization since World War II. It has connected millions of people who aren't geographically connected, increased commerce, and presented a new way for people to communicate with all of these upsides, people from different hemispheres can communicate instantaneously. The second biggest contribution to globalization has been the radio. The radio was invented when it was invented was a groundbreaking way for people to get information, which they could talk to their friends and family about. The last big technology that was perfected was international phone lines and mobile phones. People can now hear about an event that happened across the world, and then talk about it with a relative who lives 1,500 miles away. This makes communication globally much more prevalent. Before even telegraph lines, and hand-delivered mail.
Write your answer to SHORT-ANSWER QUESTION 4 on this page only.

a) One technology that has contributed to globalization is improved transportation, such as airplanes. This has contributed to globalization by making travel faster and more accessible, instead of taking weeks to cross the Atlantic, you can cross in a matter of hours.

b) A second technology that has contributed to globalization is communication systems, like the internet, which has made a difference by making information easy to access. Instead of having to wait for a newspaper or TV news report, you can know what is going on in the world in a few seconds.

c) A third technology that has contributed to globalization is modern science and medicine. This contributes by fighting off disease and increasing life spans of people all over the globe.

End of response area for Q4
Overview

This question asked students to identify three technologies that have contributed to globalization since the end of the Second World War and explain how each one contributed to globalization. Students earned 1 point for each technology that was identified and for explaining how that technology contributed to globalization. This question tested students’ ability to understand causal relationships between technology and globalization and apply specific evidence in support of those interpretations, given the timeline provided.

Sample: 4A
Score: 3

a) The response earned the point because it identifies the Internet as a technology that emerged after the Second World War and explains that the Internet contributes to globalization by connecting people “all over the world.”

b) The response earned the point because it identifies the cell phone as a technology that emerged after the Second World War and explains that the cell phone contributes to globalization by also connecting people worldwide.

c) The response earned the point because it identifies music players as a technology that emerged after the Second World War and explains that music players contributed to globalization by spreading different types of music and culture across the world.

Sample: 4B
Score: 2

a) The response earned the point because it identifies the Internet as a technology that emerged after the Second World War and explains that the Internet contributes to globalization by increasing global communication and commerce.

b) The response did not earn the point because the radio was invented before the Second World War. In addition, while the response explains that the radio allowed people to acquire information more quickly and discuss that information with their friends and family, the response does not explain how that development contributed to globalization.

c) The response earned the point because it identifies the mobile phone as a technology that emerged after the Second World War and explains that the mobile phone contributed to globalization by enhancing global communication.
Sample: 4C  
Score: 1

a) The response did not earn the point because airplanes were invented before the Second World War and trans-Atlantic travel via the airplane was also possible before the Second World War. If the response had specifically mentioned improvements in commercial airline technology that took place after the Second World War and allowed for increased travel around the globe, it would have received the point.

b) The response earned the point because it identifies the Internet as a technology that emerged after the Second World War and explains that the Internet contributed to globalization by allowing people to learn “what is going on in the world in a few seconds.”

c) The response did not earn the point because “modern science and medicine” is not a technology.