

Social Science (303)

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NES Profile: Social Science (303)

Overview

This *NES Profile* provides information about the test, including the approximate percentage of the total test score derived from each content domain. The complete set of the content domains, the test framework, is provided here and contains all of the competencies and descriptive statements that define the content of the test.

This NES Profile includes the following materials:

- » the test competencies associated with each content domain
- » a set of descriptive statements that further explain each competency
- » sample test questions aligned to the competencies
- » any applicable reference materials, as noted below

Test Field	Social Science (303)
Test Format	Multiple-choice questions
Number of Questions	Approximately 150
Test Duration	Up to 3 hours
Reference Materials	None required



Key	Approximate Percentage of Test	Content Domain	Range of Competencies
	25%	I. Historiography and World History	0001–0004
	25%	II. U.S. History	0005–0008
	19%	III. Geography and Culture	0009–0011
	19%	IV. Government	0012–0014
	12%	V. Economics	0015–0016

Content Domain I: Historiography and World History

Competencies:

0001 Understand historical concepts, terms, sources, perspectives, and research skills.

Descriptive Statements:

- » Demonstrate knowledge of basic historical terms and concepts, such as nation-state, theocracy, dynastic cycle, collectivization, globalization, modernization, chronology, and periodization.
- » Apply knowledge of basic reference sources used in historical research, including almanacs, information technology, bibliographies, periodical guides, encyclopedias, and biographical dictionaries.
- » Distinguish between primary and secondary sources of historical information, and evaluate their credibility and reliability.
- » Evaluate the uses and limitations of various historical source materials, including oral histories, newspapers, diaries, artifacts, probate data, tax lists, personal correspondence, census data, videos, and materials accessed through information technologies.
- Analyze important historical interpretations, such as Frederick Jackson Turner's frontier thesis, Charles Beard's interpretation of the creation of the U.S. Constitution, and Karl Marx's interpretation of European industrialization.
- » Analyze cause-and-effect relationships between historical events and developments.
- » Recognize central theses, main ideas, and supporting evidence in various sources of historical information.
- » Distinguish between fact and opinion in historical narratives and interpretations.
- » Draw inferences and conclusions from historical texts and interpretations.
- » Analyze the purpose and perspective of diverse sources of historical information, including potential bias and the assumptions on which historical arguments are based.
- Interpret historical issues represented in graphic formats, including charts, diagrams, maps, political cartoons, and graphs.

Sample Item:

Which of the following bibliographic citations identifies a primary historical source?

- A. Alden, Michael. (1920). The Prime Minister and the Great War. London: Morebanks.
- B. Nash, Olivia, ed. (1936). *Interpretations of Causality: Europe and the Onset of World War I.* Edinburgh: University of Edinburgh Press.
- C. Connaught, Sir Lawrence. (1955). *Collected Correspondence from the Foreign Office, 1914–1918.* London: Hamilton and Wiggins.
- D. Mayer, Arno. (1967). Politics and the Diplomacy of Peacemaking: Containment and Counterrevolution at Versailles, 1918–1919. New York: Alfred A. Knopf.

C. This question requires the examinee to distinguish between primary and secondary sources of historical information. *Collected Correspondence from the Foreign Office, 1914–1918* is a primary source because it contains letters written by policymakers and diplomats during the time period being studied.

0002 Understand major developments in world history from the beginnings of human society to 1350 CE.

- Examine the Neolithic Revolution and the birth of human civilization, including the growth of agriculture, the domestication of animals, social differentiation, economic specialization, political organization, and the emergence of towns.
- » Demonstrate knowledge of major geographic, social, political, economic, and cultural features of early civilizations in Egypt, Mesopotamia, and the Near East.
- » Examine the major political, social, economic, and cultural developments of ancient Greece and Rome, and their contributions to Western civilization.
- Examine major political, social, economic, and cultural developments in India, China, Japan, and Southeast Asia, including the Mauryan and Gupta empires, Han government and expansion, the influence of Confucianism and Taoism in China, Japanese feudalism and the rise of the samurai, the Indianization of Southeast Asia, and the effect of the Mongol invasions.
- Demonstrate knowledge of the principal beliefs, sacred texts, and historical development of Judaism, Christianity, Islam, Hinduism, and Buddhism.
- Examine major geographic, social, political, economic, and cultural characteristics of civilizations in Africa and the Americas during the period, including the Bantu migrations, the spread of Islam south of the Sahara, the rise and decline of major African empires, the emergence of Swahili culture and commerce, Mayan science and religion, Aztec religion and society, and Inca government and expansion.
- Examine major geographic, social, political, economic, and cultural characteristics of the Islamic and Byzantine civilizations, the expansion of Islamic civilization, divisions within the Muslim caliphate, the growth of Muslim commerce, the work of Islamic and Byzantine scholars, Justinian's conquests and legal reforms, and the influence and decline of Byzantine civilization.
- Analyze major social, political, and economic developments in Europe following the decline of the Roman Empire, including the emergence of feudalism, the role of the Catholic Church in medieval civilization, the creation of the Holy Roman Empire, the rise of Russian civilization, the Crusades, and the Black Death.
- » Recognize chronological relationships between major global events and developments of the period.
- Analyze major social, economic, and cultural developments and trends in Eurasia, Africa, and the Americas from 4000 BCE to 1350 CE.

Which of the following best describes a major objective of Greek and Hellenistic scholars and philosophers?

- A. to understand nature and society through rational observation and deduction
- B. to develop a philosophical system consistent with traditional religious beliefs
- C. to devise a system of rewards and punishments to motivate human behavior
- D. to create a flexible ethical code adaptable to diverse individual needs and a variety of social settings

Correct Response and Explanation

A. This question requires the examinee to analyze major events, developments, characteristics, and contributions of ancient Greek civilization. Greek and Hellenistic scholars developed many of the Western world's fundamental concepts in politics, philosophy, and art by using reason to discover order and causality in the natural and human worlds.

0003 Understand major developments in world history from 1350 to 1871.

- » Examine the origins, major developments, significant individuals, and lasting consequences of the European Renaissance.
- Analyze the causes and consequences of the Protestant Reformation, including the role of leading reformers, the response of the Catholic Church, and the religious wars of the sixteenth and seventeenth centuries.
- Analyze European expansion between 1450 and 1650, including the factors that encouraged European exploration and conquest and the impact of European colonization on Europeans and the indigenous societies they encountered.
- Analyze the central ideas of major thinkers of the Scientific Revolution and the European Enlightenment and the influence of those ideas on events and developments in Europe and the Americas.
- » Analyze causes, similarities, differences, and consequences of the English, American, and French revolutions, and the wars for independence in Latin America.
- Evaluate economic, social, and political factors related to the emergence and spread of industrialization in Europe, including the role of Great Britain in the industrializing process; the growth of urban centers; the transformation of family and social relations; and major technological innovations, economic theories, political responses, and social reforms of the industrial era.
- Examine major political developments during the period, including the rise of the Ottoman Empire; dynastic change in China; the consolidation of nation-states; the growth of absolutism, liberalism, and nationalism in Europe; the Meiji Restoration; and German and Italian unification.
- » Demonstrate knowledge of major literary, artistic, intellectual, and scientific developments in Europe, Asia, Africa, and the Americas from 1350 to 1871.
- Recognize chronological relationships between major global events and developments from 1350 to 1871.

» Analyze major social, economic, and cultural developments and trends in Europe, Asia, Africa, and the Americas from 1350 to 1871.

Sample Item:

Which of the following accurately lists four significant historical developments during the period 1350 to 1871 in the order in which they occurred?

- A. 1. the abolition of feudalism in Japan
 - 2. the first use of steam engines in English textile mills
 - 3. the rise of the Ottoman Empire
 - 4. the Glorious Revolution in England
- B. 1. the Glorious Revolution in England
 - 2. the rise of the Ottoman Empire
 - 3. the abolition of feudalism in Japan
 - 4. the first use of steam engines in English textile mills
- C. 1. the rise of the Ottoman Empire
 - 2. the Glorious Revolution in England
 - 3. the first use of steam engines in English textile mills
 - 4. the abolition of feudalism in Japan
- D. 1. the first use of steam engines in English textile mills
 - 2. the abolition of feudalism in Japan
 - 3. the Glorious Revolution in England
 - 4. the rise of the Ottoman Empire

Correct Response and Explanation

C. This question requires the examinee to recognize chronological relationships between major global events and developments. The rise of the Ottoman Empire began during the fourteenth century, England's Glorious Revolution took place in 1688–1689, steam engines first appeared in English mills during the eighteenth century, and Japanese feudalism was not abolished until the Meiji Restoration of the 1860s.

0004 Understand major developments in world history from 1871 to the present.

- Analyze major causes, events, developments, and consequences of European imperialism, including motives and justifications for the pursuit of colonial empires; rivalries and conflicts between colonial powers; and interactions between imperialist powers and the peoples of Asia, Africa, and the Middle East.
- Demonstrate knowledge of the causes, major events, and consequences of World War I, including nationalist tensions in the Balkans, the strategy of the main combatants, major battles of the war, the Russian Revolution, and the Treaty of Versailles.
- Analyze the causes, major events, and consequences of World War II, including the rise of totalitarian and authoritarian governments in Europe and Asia, Nazi and Japanese aggression, the Munich Conference, the Nazi-Soviet pact, major battles of the war, the Holocaust, the use of the atomic bomb, and the formation of the United Nations.

- Analyze the causes, major events, and consequences of the Cold War, including U.S.-Soviet differences concerning Eastern Europe, ideological confrontation, the Berlin Blockade, the creation of NATO and the Warsaw Pact, the nuclear arms race, détente, resistance to Soviet domination and communist rule, and the collapse of the Soviet Union.
- Examine major political, social, and economic developments in East Asia, Latin America, Africa, and the Middle East since 1945, including decolonization in postwar Asia, Africa, and the Middle East; the Chinese Cultural Revolution; revolutions in Cuba and Nicaragua; the overthrow of apartheid in South Africa; and the Arab-Israeli conflict.
- Analyze political, economic, social, and demographic changes in Europe since World War II, including postwar reconstruction; socialism and the social welfare state; the Common Market; changing patterns of work, leisure, and gender relations; immigration; and the emergence of the European Union.
- » Demonstrate knowledge of major literary, artistic, intellectual, and scientific developments in Europe, Asia, Africa, and the Americas from 1871 to the present.
- Analyze major global challenges of the late twentieth and early twenty-first centuries, including environmental degradation, terrorism, human rights abuses, limited natural resource supplies, and economic imbalances and social inequalities among the world's peoples.
- Recognize chronological relationships between major global events and developments from 1871 to the present.
- » Analyze major social, economic, and cultural developments and trends in Europe, Asia, Africa, and the Americas from 1871 to the present.

Which of the following best describes a major cause of World War I?

- A. economic competition in Central Europe
- B. revolutionary activity in Russia
- C. repression of ethnic minorities in Germany
- D. nationalist tensions in the Balkans

Correct Response and Explanation

D. This question requires the examinee to analyze the major causes, events, and consequences of World War I. The 1914 assassination of Archduke Franz Ferdinand by a Serbian nationalist—the event that triggered World War I—was closely linked to Serbian efforts to create a "Greater Serbia" that united various Slavic peoples in Austrian-controlled lands.

Content Domain II: U.S. History

Competencies:

0005 Understand major developments in early U.S. history from the precontact period to 1789.

- Demonstrate knowledge of important social, economic, and political features of major Native American cultures of the precontact period.
- Examine major events and developments related to the European exploration of North America, including the objectives of various explorers, the consequences of key expeditions and settlements, and competition and conflict between European nations.
- » Analyze coexistence and conflict between Europeans and Native Americans, including the different cultural perspectives of the two groups.
- Compare similarities and differences between the New England, mid-Atlantic, and southern colonies, including reasons for migration to North America, ethnic diversity, and patterns of social and economic development.
- Analyze major economic, social, political, and cultural developments in the colonies, including the influence of the triangular trade on colonial economic development, the growth of slavery, the role of colonial assemblies and the emergence of representative government, the Great Awakening and the evolution of religious freedom, and economic and political relations with Great Britain.
- Examine major causes, events, developments, and consequences of the Revolutionary War, including the influence of Enlightenment thought on Americans, changes in British imperial policy following the French and Indian War, arguments over the rights of English people, the Stamp Act crisis and the Townshend Acts, efforts to achieve colonial unity, the roles and perspectives of various groups during the war, major battles of the conflict, economic issues arising out of the Revolution, and the effects of the Revolution on various social groups.
- Analyze the evolution of national and state governments during and after the Revolution, including arguments over the Articles of Confederation, the creation of state constitutions, differences between Federalists and Anti-Federalists, major debates and compromises at the Constitutional Convention, and the struggle for ratification of the Constitution.
- Demonstrate knowledge of major figures of the period, such as John Smith, Roger Williams, Anne Hutchinson, William Penn, James Oglethorpe, George Washington, Thomas Jefferson, Chief Pontiac, Daniel Boone, Benjamin Banneker, Samuel Adams, Thomas Paine, James Madison, and Abigail Adams.
- » Recognize chronological relationships between major events and developments of the period.
- » Analyze major social, economic, political, and cultural trends in the colonies and the new nation from the beginnings of settlement to 1789.

In the 15 years before the outbreak of the American Revolution, the growing conflict between the British government and British colonists in North America centered primarily on:

- A. what share of colonial revenues belonged to Great Britain.
- B. who would make decisions regarding the colonists' property and political rights.
- C. who was responsible for defending the colonies from military attack.
- D. how the settlement of territory west of the Appalachian Mountains would be controlled.

Correct Response and Explanation

B. This question requires the examinee to examine major causes, events, and consequences of the Revolutionary War. Colonists viewed British initiatives such as the Stamp Act, the Townshend Acts, the Tea Act, and the Coercive Acts as a threat to property and their right to self-government, particularly the right of colonial assemblies to levy taxes.

0006 Understand major developments in U.S. history from 1789 to 1877.

- Examine major political and constitutional developments of the period, including the Alien and Sedition Acts, the Virginia and Kentucky Resolutions, Jeffersonian Republicanism, John Marshall and the Supreme Court, the decline of the Federalist Party, the emergence of Jacksonian democracy, debates over the tariff and the national bank, the Nullification Crisis, and differences between the Democratic and Whig parties.
- Analyze events and developments related to westward expansion, including major territorial acquisitions, government-sponsored exploration of the West, factors encouraging migration, economic motives and ideological and religious justifications, the challenges faced by settlers, and the impact of westward settlement and growth on Native American peoples.
- Analyze the causes and consequences of economic growth during the period, including improvements in transportation, technological innovations, the spread of factory production, immigration and urbanization, the panics of 1819 and 1837, and the effects of industrialization on different regions and social groups.
- » Examine major events and developments in U.S. foreign relations, including the War of 1812, the Monroe Doctrine, and the Mexican War.
- Examine the origins and objectives of major antebellum reform movements and the activities and achievements of key reformers, such as William Lloyd Garrison, the Grimké sisters, Frederick Douglass, Frances Wright, Robert Owen, Susan B. Anthony, Elizabeth Cady Stanton, Horace Mann, and Dorothea Dix.
- Analyze the impact of slavery in the United States, including the role of slavery in southern society, forces promoting the expansion of slavery, the emergence of a distinctive African American culture, slave resistance, the development of pro-slavery arguments, and the influence of slavery on national politics.

- Examine major political developments of the 1850s that contributed to the sectional polarization that resulted in the Civil War, including the Compromise of 1850, the Kansas-Nebraska Act, the disruption of the second American party system, the Dred Scott decision, John Brown's raid at Harpers Ferry, and the presidential election of 1860.
- Analyze major events and developments of the Civil War, including the strategies adopted by Union and Confederate military leaders, major battles and diplomatic initiatives, wartime draft riots, the Emancipation Proclamation, and the election of 1864.
- Analyze key events and developments of the Reconstruction period, including alternative programs for Reconstruction; conflict between President Johnson and Congress; the ratification of the Thirteenth, Fourteenth, and Fifteenth Amendments; the programs of Radical state governments in the South; Southern White resistance to Reconstruction; the role of the U.S. Supreme Court; and the Compromise of 1877.
- Demonstrate knowledge of major literary, artistic, intellectual, scientific, and technological developments from 1789 to 1877.
- Recognize chronological relationships between major events and developments in U.S. history during this period.

The Nullification Crisis of the early 1830s centered on which of the following questions?

- A. What are the powers of the judiciary in a government based on separation of powers?
- B. What are the rights of individuals in a democratic system of government?
- C. What are the powers of executive officials in a government based on the rule of law?
- D. What are the rights of the states in a federal system of government?

Correct Response and Explanation

D. This question requires the examinee to examine major political and constitutional developments of the early national and Jacksonian eras. The Nullification Crisis centered on John C. Calhoun's doctrine that states had the right to overrule federal laws that conflict with their own.

0007 Understand major developments in U.S. history from 1877 to 1929.

- Examine the settlement of the trans-Mississippi West, including the mining, ranching, and farming frontiers; the impact of technological developments (e.g., the telegraph, the railroad, barbed wire); and the effects of expanding settlement on Native American peoples.
- Analyze the growth of the industrial economy, including the rise and consolidation of industrial and financial empires, the results of technological and managerial innovations, and the conflict between industrial capitalism and organized labor.
- » Examine changing patterns of immigration to the United States during the period and the impact of immigration and urbanization on U.S. society.

- Analyze the rise of the New South; the disfranchisement and segregation of African Americans; and the efforts of African Americans such as Booker T. Washington, W. E. B. Du Bois, and Ida B. Wells to overcome the social, economic, and political obstacles that confronted them.
- Examine the emergence of the United States as a world power, including the Spanish-American War, U.S. intervention in Asia and Latin America, and key issues in the debate over U.S. expansionism.
- Examine the origins, goals, strategies, and influence of the Progressive movement, including opposition to political and corporate abuses of power, the Progressive emphasis on science and efficiency, and major governmental and legislative reforms.
- Analyze the causes and consequences of U.S. participation in World War I, including reasons for U.S. entry into the conflict, the impact of U.S. intervention on the war's outcome, and the effect of the war on U.S. society.
- Examine major events and developments of the 1920s, including the growth of a consumer economy; the Red Scare; Prohibition; the resurgence of the Ku Klux Klan; immigration restriction legislation; passage of the Nineteenth Amendment; nonconformity and dissent; the Harlem Renaissance; the presidential administrations of Warren G. Harding, Calvin Coolidge, and Herbert Hoover; and the causes of the Great Depression.
- Demonstrate knowledge of major literary, artistic, intellectual, scientific, and technological developments from 1877 to 1929.
- Recognize chronological relationships between major events and developments in U.S. history during this period.

The immigration restriction legislation of the 1920s was primarily a response to concerns about which of the following?

- A. the impact of immigration from Latin America on the U.S. economy
- B. the consequences of immigration from eastern and southern Asia on U.S. national security
- C. the effects of immigration from southern and eastern Europe on U.S. culture
- D. the results of immigration from western Europe on U.S. political life

Correct Response and Explanation

C. This question requires the examinee to examine major social, economic, political, and cultural events and developments of the 1920s. During the 1920s, immigration restrictionists concerned about the preservation of an English-language Protestant culture in the United States focused their resources and energies on halting the massive wave of immigration from southern and eastern Europe that had begun during the late nineteenth century.

0008 Understand major developments in U.S. history from 1929 to the present.

- Analyze the causes of the Great Depression, the responses of the Hoover administration and Franklin D. Roosevelt's New Deal to economic collapse and social dislocation, the ascendancy of the Democratic Party, and the effects of the Depression on the American people.
- Examine major events and developments related to U.S. participation in World War II, including prewar isolationism and neutrality, war mobilization, the internment of Japanese Americans, U.S. military and diplomatic strategy, major battles involving U.S. forces, the impact of the war on the U.S. economy and society, and the decision to drop the atomic bomb.
- Analyze major developments in U.S. foreign policy since World War II, including the doctrine of containment and the domino theory, atomic diplomacy, the Korean and Vietnam wars, U.S. intervention in Asia, Latin America, and the Middle East, the Cuban missile crisis, the policy of détente, the Camp David Accords, the Iran hostage crisis, the Persian Gulf War, the struggle against international terrorism, and the Afghanistan and Iraq wars.
- Analyze major political events and developments in the United States since 1945, including Harry S. Truman's Fair Deal, Dwight D. Eisenhower's Modern Republicanism, John F. Kennedy's New Frontier, Lyndon B. Johnson's Great Society, Watergate, the decline of liberalism and the rise of the conservative movement, the Iran-Contra scandal, the Clinton impeachment, significant Supreme Court decisions, and important electoral contests of the period.
- Demonstrate knowledge of major economic developments in the United States since 1945, including the postwar economic boom, the construction of the Interstate Highway System, the rise of the Sunbelt, deindustrialization and the shift toward a service economy, the decline of organized labor, Reaganomics, the North American Free Trade Agreement (NAFTA), and economic globalization.
- Analyze major social developments in the United States since 1945, including suburbanization, the baby boom, the expansion of higher education, the emergence of a youth culture, demographic and population shifts, and changing patterns of immigration.
- Examine the aims, activities, strategies, prominent figures, and achievements of the struggle for African American equality, including *Brown* v. *Board of Education*, the Montgomery bus boycott, civil disobedience, the sit-in movement, the Birmingham and Selma campaigns, the enactments of the Civil Rights Act of 1964 and the Voting Rights Act of 1965, and the Black Power movement.
- Demonstrate knowledge of major social and political movements of the postwar period, including the women's rights movement, the American Indian Movement, the Hispanic rights movement, the Asian American movement, the New Left, the counterculture, the Free Speech movement, the gay liberation movement, and the environmental movement.
- Demonstrate knowledge of major developments in literature, the arts, popular culture, science, and technology in the United States from 1929 to the present.
- » Recognize chronological relationships between major events and developments in U.S. history during this period.

Which of the following best describes the significance of the sit-ins of the early 1960s for the civil rights movement?

- A. They marked the beginnings of widespread student participation in the movement.
- B. They reflected the growing influence within the movement of the philosophy of Black Power.
- C. They signaled a shift in movement aims from political goals to economic objectives.
- D. They represented the end of efforts by the movement to achieve racial equality through peaceful means.

Correct Response and Explanation

A. This question requires the examinee to examine the goals, strategies, and achievements of the struggle for African American equality during the post–World War II period in the United States. Initiated by four African American students in Greensboro, North Carolina, the sit-in movement of the early 1960s inspired students throughout the country to become more active in the civil rights struggle.

Content Domain III: Geography and Culture

Competencies:

0009 Understand geographic terms, concepts, sources, and research skills.

Descriptive Statements:

- » Apply the five fundamental geographic themes of location, place, human-environment interaction, movement, and region.
- Demonstrate knowledge of the six essential elements of geography, including the world in spatial terms, places and regions, physical systems, human systems, environment and society, and the uses of geography.
- » Apply basic geographic terms and concepts such as habitat, ecology, interdependence, assimilation, demographic cycle, complementarity, cultural convergence, and cultural diffusion.
- » Recognize basic characteristics of maps and globes, including keys and legends; scale; latitude and longitude; and the advantages and disadvantages of maps, globes, and standard map projections.
- Demonstrate knowledge of the characteristics and uses of various geographic reference sources, tools, and technologies, including atlases, almanacs, gazetteers, encyclopedias, satellite images, geographic information systems, global positioning systems, and computer databases.
- Interpret geographic information presented in various visual formats, including maps, charts, tables, population pyramids, and images.
- Apply skills and procedures used in geographic research, including formulating appropriate research questions, collecting and presenting information, identifying main ideas, analyzing cause-and-effect relationships, distinguishing between fact and opinion, determining the adequacy and relevance of information, and drawing conclusions.

Sample Item:

A third-century statue of the Indian prince Siddhartha reveals a mixture of artistic styles. The curly hair, stocky physique, and deeply carved drapery of his robe are elements of Greek artistic tradition. The nimbus of light around the figure's head is an element that originated in Iranian statues of sun gods. The facial expression is typical of Indian mysticism. Carved in Pakistan, the crossroads of Eurasian travel routes, the statue combines artistic ideas from several of the cultures that met there to trade.

The blending of artistic styles in this statue is an example of the process of cultural:

- A. innovation.
- B. convergence.
- C. assimilation.
- D. diffusion.

D. This question requires the examinee to apply basic geographic terms and concepts. Cultural diffusion is the process by which cultural traits, practices, or products spread from an area of origin over space or through time.

0010 Understand physical features, physical systems, and the interaction between the environment and human societies.

Descriptive Statements:

- » Locate major landmasses, significant landforms, and important bodies of water in various parts of the world on maps of different types and scales.
- » Recognize various types of physical features such as gulfs, deltas, capes, isthmuses, peninsulas, and archipelagoes.
- » Demonstrate knowledge of national boundaries and the geopolitical factors that influence them.
- » Recognize the principal elements of climate, global and regional climatic patterns, and the processes that influence weather.
- » Demonstrate knowledge of the ways in which internal and external processes (e.g., tectonic movement, volcanism, glaciation, erosion, deposition) shape the physical features of the earth.
- » Recognize the location, distribution, and uses of natural resources in the United States and the world and the influence of natural resources and ecosystems on human populations.
- » Analyze the effects of physical factors such as climate, topography, ecology, and location on population distribution, livelihood, industry, agriculture, and transportation.
- Analyze ways in which human societies modify the physical environment and adapt to environmental change, including agricultural activities, industrialization, urbanization, armed conflicts, conservation initiatives, and programs for resource use and management.
- Examine the causes and effects of current environmental problems, including global warming, tropical deforestation, decline of fish stocks, desertification, acid rain, waste disposal, and reduced quality and availability of water; and the role of technological innovation and development in the creation and solution of environmental problems.
- » Demonstrate knowledge of how geographic factors have influenced historical events and developments.

Sample Item:

Which of the following best explains why northwestern Europe experiences a significantly warmer climate than regions of western Russia at the same latitude?

- A. Prevailing wind patterns from the Arctic are more common in western Russia.
- B. The North Sea moderates temperatures in northwestern Europe.
- C. The Ural Mountains create a significant barrier trapping cold air in western Russia.
- D. Annual precipitation levels are higher on average in northwestern Europe.

B. This question requires the examinee to recognize major global and regional climatic patterns. The North Atlantic Drift, a warm ocean current that is an extension of the Gulf Stream, keeps northern European coastal areas ice-free in winter and moderates the climates of regional land areas.

0011 Understand human systems.

Descriptive Statements:

- Demonstrate knowledge of the characteristics of major cultural groups associated with particular world regions, including language, clothing, habitation, ethnic homogeneity or diversity, government, food, patterns of livelihood, art and literature, and how places serve as cultural symbols.
- » Examine the establishment of human settlements and how their organization and functions have changed over time.
- Examine world population patterns and trends, including world and regional population distribution; the demographic structure of particular places and regions; and the economic, environmental, and cultural reasons for demographic change.
- » Analyze the causes and effects of historical and contemporary migrations of human populations, including push and pull factors and the diffusion of ideas, beliefs, and cultural traits from one culture to another.
- » Examine categories, patterns, and networks of economic activity in human societies.
- Demonstrate knowledge of the roles and functions of social institutions such as the family, education, religion, and government, including cultural transmission, social integration, personal development, social control, and the promotion of innovation.
- Analyze how the forces of cooperation and conflict, including political and cultural divisions within and between places, regions, and major international organizations, influence the division and control of the earth and its resources.

Sample Item:

Compared with countries in southern Asia, European countries are more likely to have populations that are:

- A. evenly distributed across urban and rural regions.
- B. concentrated in urban areas.
- C. densely settled in river valleys and low-lying plains.
- D. concentrated in coastal regions.

Correct Response and Explanation

B. This question requires the examinee to examine historical and contemporary patterns of human settlement. Whereas about three of every four Europeans lived in urban areas during the early twenty-first century, levels of urbanization in southern Asia varied from 23 percent in Bangladesh to 34 percent in Pakistan to 67 percent in India.

Content Domain IV: Government

Competencies:

0012 Understand political science concepts, terms, perspectives, and research skills.

Descriptive Statements:

- Demonstrate knowledge of basic political science terms and concepts such as federalism, judicial review, loose and strict construction, executive privilege, patronage, injunction, balance of power, sovereignty, gerrymandering, eminent domain, enumerated and implied powers, political culture, political socialization, interest group theory, and social contract theory.
- Analyze principles and ideas contained in the writings of important political theorists and figures, such as Aristotle, Machiavelli, Thomas Hobbes, John Locke, Baron de Montesquieu, Alexis de Tocqueville, Karl Marx, V. I. Lenin, Mohandas Gandhi, George Orwell, and Nelson Mandela.
- » Examine major events and developments related to the emergence and spread of democratic and representative government from ancient Greece to the present.
- Recognize major characteristics of different systems of government, including monarchy, autocracy, oligarchy, theocracy, representative democracy, direct democracy, authoritarianism, totalitarianism, fascism, and limited and unlimited government.
- » Analyze similarities and differences between the political systems of the United States and other contemporary and historical nations.
- Demonstrate knowledge of the characteristics and uses of various political science reference sources and research tools, including encyclopedias, almanacs, census data, surveys, interviews, and computer databases.
- Interpret historical and contemporary political science issues represented in various visual formats, including maps, charts, diagrams, tables, political cartoons, and graphs.
- Apply skills and procedures used in political science research, including formulating appropriate research questions; collecting and presenting information; identifying main ideas; analyzing cause-and-effect relationships; distinguishing between fact and opinion; recognizing bias; determining the adequacy, relevance, and reliability of information; and drawing conclusions.

Sample Item:

In which of the following situations is the president of the United States most likely to invoke the right of *executive privilege*?

- A. nominating justices to the Supreme Court
- B. pardoning a member of the executive branch
- C. withholding information from Congress
- D. authorizing the use of force against another country

C. This question requires the examinee to demonstrate knowledge of basic political science terms and concepts. Executive privilege is a power that presidents invoke to resist subpoenas and other demands by the legislative and judicial branches of government, such as congressional requests for highly sensitive information considered vital to national security.

0013 Understand the foundations of U.S. government, the U.S. political process, and the rights and responsibilities of U.S. citizenship.

Descriptive Statements:

- Analyze major principles and ideas contained in key political documents contributing to the development of government in the United States, such as Magna Carta, the Petition of Rights, the English Bill of Rights, the Mayflower Compact, the Declaration of Independence, the Articles of Confederation, the Federalist Papers, Washington's Farewell Address, the Virginia and Kentucky Resolutions, and the Seneca Falls Declaration of 1848.
- Demonstrate knowledge of the fundamental principles, key articles, and significant amendments to the U.S. Constitution.
- Examine the significance of landmark U.S. Supreme Court decisions, such as Marbury v. Madison, McCulloch v. Maryland, Plessy v. Ferguson, Schenck v. United States, Brown v. Board of Education, Gideon v. Wainwright, Miranda v. Arizona, United States v. Nixon, Roe v. Wade, and University of California v. Bakke.
- Analyze major features of the U.S. electoral system, including reapportionment and redistricting, primary elections, the Electoral College, the role and development of political parties, and factors influencing voter turnout and the outcome of political contests.
- » Examine the ways in which citizens participate in the political process and the skills needed for effective participation in public affairs.
- » Demonstrate knowledge of the rights and responsibilities of U.S. citizenship, including First Amendment rights, due process rights, equal protection under the laws, voting, paying taxes, and serving on juries.
- » Analyze developments and events in U.S. history that have increased or diminished individual rights and popular participation in the political process.

Sample Item:

In their efforts to end occupational segregation and achieve comparable pay for comparable work, leaders of the modern women's movement expanded the meaning of which of the following provisions of the U.S. Constitution?

- A. the privileges and immunities clause of Article IV
- B. the freedom of assembly clause of the First Amendment
- C. the due process clause of the Fifth Amendment
- D. the equal protection clause of the Fourteenth Amendment

D. This question requires the examinee to analyze developments and events in U.S. history that have increased individual rights or popular participation in the political process. The equal protection clause of the Fourteenth Amendment upholds the principle that all citizens of the United States are equal before the law. Just as civil rights activists broadened the meaning of the provision to include African Americans, proponents of women's rights expanded the scope of the clause to include women.

0014 Understand the structure, organization, and operation of different levels of government in the United States.

Descriptive Statements:

- Demonstrate knowledge of the structure, functions, and powers of the legislative, executive, and judicial branches of the federal government, including the bicameral structure of Congress, the roles and constitutional powers of the president, the role of the cabinet, and the structure of the federal judicial system.
- Analyze the separation of powers and operation of the system of checks and balances in the federal government.
- » Examine law-making processes in the United States, including the role of lobbyists and special interest groups in the legislative process and the operation of the initiative, referendum, and recall processes at the state level.
- » Recognize the organization and responsibilities of independent regulatory agencies, government corporations, and executive agencies in the federal government.
- Demonstrate knowledge of the operation of the U.S. legal system, including the functions of law in U.S. society, major sources of U.S. law (e.g., constitutional, statutory, case, administrative), and steps in the criminal justice process.
- Examine the process by which U.S. foreign policy is made, including the constitutional powers of the president and Congress, foreign policy tools available to the president, and factors influencing the formulation of U.S. foreign policy.
- Demonstrate knowledge of the structure, functions, powers, and organization of state and local governments in the United States.
- » Analyze relations between federal, state, and local governments in the United States.

Sample Item:

Which of the following best illustrates how the principle of separation of powers operates in the U.S. government?

- A. The Senate refuses to ratify a treaty negotiated by the president.
- B. The House of Representatives proposes an amendment to a bill that originated in the Senate.
- C. The president dismisses a member of the cabinet.
- D. The Supreme Court refuses to hear a case on appeal from a state supreme court.

A. This question requires the examinee to analyze ways in which the principle of separation of powers influences the operation of the federal government. Separation of powers is the principle that power should be divided among the three branches of government. Treaties between the United States and other countries can only be negotiated by the executive branch of government, but cannot go into effect unless ratified by the Senate. Thus, Senate refusal to ratify a treaty is an illustration of the principle of separation of powers.

Content Domain V: Economics

Competencies:

0015 Understand basic economic concepts, microeconomics, and consumer economics and personal finance.

Descriptive Statements:

- Recognize basic economic concepts, including scarcity, opportunity cost, economic incentives, competition, specialization, marginal utility, elasticity, economies of scale, and the law of diminishing returns.
- » Compare basic characteristics of market, traditional, command, and mixed economic systems.
- Demonstrate knowledge of the factors of production (i.e., land, labor, capital, and entrepreneurship) and how they are combined to produce goods and services.
- » Analyze how the laws of supply and demand, prices, and various competitive models (e.g., oligopoly, monopolistic competition) function in a market economy.
- Interpret economic information presented in various visual formats, including supply and demand charts, price indexes, circular flowcharts, and production possibility curves.
- Analyze factors affecting the operation of business firms, including basic forms of business organization; decision-making and information-gathering methods; strategies for allocating scarce resources; and production, marketing, and distribution considerations.
- Recognize basic principles of consumer economics, including purchasing options for goods and services, sources of consumer information, types of consumer marketing and advertising, and consumer protection laws.
- Demonstrate knowledge of basic principles of personal finance, including principles of budgeting, different forms of credit, and savings and investment options.

Sample Item:



The cost curve above best illustrates which of the following economic concepts?

- A. economies of scale
- B. elasticity of supply
- C. return to capital
- D. law of diminishing returns

A. This question requires the examinee to analyze basic economic terms and concepts. Economies of scale are productive activities in which the cost per unit declines as output increases, as illustrated in the diagram.

0016 Understand macroeconomics and international economics.

- Demonstrate knowledge of the roles of and relationships between major economic institutions and groups in the U.S. economic system, including banks, financial markets, labor unions, corporations, and consumers.
- Analyze the causes and effects of unemployment, inflation, and deflation, including different types of unemployment and inflation, the effects of inflation and deflation on different groups, and ways in which unemployment and inflation are calculated.
- » Demonstrate knowledge of the stages of the business cycle (i.e., expansion, peak, contraction, and trough) and factors influencing movement among the four stages.
- Examine factors influencing fiscal policy, including major areas of government revenues and expenditures, the effects of surpluses and deficits on the economy, demand-side vs. supply-side theories, and the likely response of fiscal policymakers to given economic developments.
- Analyze factors influencing monetary policy, including the structure and functions of the Federal Reserve System, basic tools of monetary policy, monetarist theory, and the likely response of the Federal Reserve to given economic developments.
- Demonstrate knowledge of forms of government regulation and their effects on consumers and producers.
- Examine the basic principles and components of international economics, including the concepts of absolute and comparative advantage, the principles of free trade and protectionism, economic development strategies, and major patterns of economic exchange.
- Analyze factors influencing the operation of the international economic system, including exchange rates, trade restrictions, the balance of payments, and the policies of international economic agencies such as the World Bank, International Monetary Fund, and World Trade Organization.

- Inflationary pressures intensify.
- Finding new workers becomes increasingly difficult.
- Interest rates increase.
- Demand begins to overtake supply.

During which phase of the business cycle is an economy most likely to experience the developments described in the list above?

- A. expansion
- B. peak
- C. contraction
- D. trough

Correct Response and Explanation

B. This question requires the examinee to analyze factors influencing the business cycle. As the economy nears full production during the peak phase of a business cycle, consumer demand becomes greater than companies are able to supply, most workers are already employed, and the demand for bank loans to fuel greater production drives up interest rates. Together, these factors begin to drive prices higher, initiating an inflationary spiral.

