



French painting, 19th century/Monastery of La Rabida, Huelva, Andalusia, Spain/Bridgeman Images

The Worlds of the Fifteenth Century

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“Columbus was a perpetrator of genocide . . . , a slave trader, a thief, a pirate, and most certainly not a hero. To celebrate Columbus is to congratulate the process and history of the invasion.”¹ This was the view of Winona LaDuke, president of the Indigenous Women’s Network, on the occasion in 1992 of the 500th anniversary of Columbus’s arrival in the Americas. Much of the commentary surrounding the event echoed the same themes, citing the history of death, slavery, racism, and exploitation that followed in the wake of Columbus’s first voyage to what was for him an altogether New World. A century earlier, in 1892, the tone of celebration had been very different. A presidential proclamation cited Columbus as a brave “pioneer of progress and enlightenment” and instructed Americans to “express honor to the discoverer and their appreciation of the great achievements of four completed centuries of American life.” The century that followed witnessed the erosion of Western dominance in the world and the discrediting of racism and imperialism and, with it, the reputation of Columbus.

This sharp reversal of opinion about Columbus provides a reminder that the past is as unpredictable as the future. Few Americans in 1892 could have guessed that their daring hero could emerge so tarnished only a century later. And few people living in 1492 could have imagined the enormous global processes set in motion by the voyage of Columbus’s three small ships—the Atlantic slave trade, the decimation of the native peoples of the Americas, the massive growth of world population, the Industrial Revolution, and the growing prominence of Europeans on the world stage. None of these developments were even remotely foreseeable in 1492.

The Meeting of Two Worlds This nineteenth-century painting shows Columbus on his first voyage to the New World. He is reassuring his anxious sailors by pointing to the first sight of land. In light of its long-range consequences, this voyage represents a major turning point in world history.

Thus, in historical hindsight, that voyage of Columbus was arguably the single most important event of the fifteenth century. But it was not the only significant marker of that century. A Central Asian Turkic warrior named Timur launched the last major pastoral invasion of adjacent civilizations. Russia emerged from two centuries of Mongol rule to begin a huge empire-building project across northern Asia. A new European civilization was taking shape in the Renaissance. In 1405, an enormous Chinese fleet, dwarfing that of Columbus, set out across the entire Indian Ocean basin, only to voluntarily withdraw twenty-eight years later. The Islamic Ottoman Empire put a final end to Christian Byzantium with the conquest of Constantinople in 1453, even as Spanish Christians completed the “reconquest” of the Iberian Peninsula from the Muslims in 1492. And in the Americas, the Aztec and Inca empires gave a final and spectacular expression to Mesoamerican and Andean civilizations before they were both swallowed up in the burst of European imperialism that followed the arrival of Columbus.

Because the fifteenth century was a hinge of major historical change on many fronts, it provides an occasion for a bird’s-eye view of the world through a kind of global tour. This excursion around the world will serve to briefly review the human saga thus far and to establish a baseline from which the enormous transformations of the centuries that followed might be measured. How, then, might we describe the world, and the worlds, of the fifteenth century?

SEEKING THE MAIN POINT

What predictions about the future might a global traveler in the fifteenth century have reasonably made?

The Shapes of Human Communities

One way to describe the world of the fifteenth century is to identify the various types of societies that it contained. Bands of hunters and gatherers, villages of agricultural peoples, newly emerging chiefdoms or small states, pastoral communities, established civilizations and empires—all of these social or political forms would have been apparent to a widely traveled visitor in the fifteenth century. Representing alternative ways of organizing human life, all of them were long established by the fifteenth century, but the balance among these distinctive kinds of societies in 1500 was quite different than it had been a thousand years earlier.

AP® EXAM TIP

Recall the Paleolithic (gathering and hunting) societies from Chapter 1 and note that they continued to exist into the era ca. 600–ca. 1450.

Paleolithic Persistence: Australia and North America

Despite millennia of agricultural advance, substantial areas of the world still hosted gathering and hunting societies, known to historians as Paleolithic (Old Stone Age) peoples. All of Australia, much of Siberia, the arctic coastlands, and parts of Africa and the Americas fell into this category. These peoples were not simply relics of a bygone age. They too had changed over time, though more slowly than their agricultural counterparts, and they too interacted with their neighbors. In short, they had a history, although most history books largely ignore them after the age of agri-

A MAP OF TIME

| | |
|--------------|--|
| 1345–1521 | Aztec Empire in Mesoamerica |
| 1368–1644 | Ming dynasty in China |
| 1370–1405 | Conquests of Timur |
| 15th century | Spread of Islam in Southeast Asia Civil war among Japanese warlords Rise of Hindu state of Vijayanagara in southern India European Renaissance Flourishing of African states of Ethiopia, Kongo, Benin, Zimbabwe |
| 1405–1433 | Chinese maritime voyages |
| 1415 | Beginning of Portuguese exploration of West African coast |
| 1438–1533 | Inca Empire along the Andes |
| 1453 | Ottoman seizure of Constantinople |
| 1464–1591 | Songhay Empire in West Africa |
| 1492 | Christian reconquest of Spain from Muslims completed; Columbus's first transatlantic voyage |
| 1497–1520s | Portuguese entry into the Indian Ocean world |
| 1501 | Founding of Safavid Empire in Persia |
| 1526 | Founding of Mughal Empire in India |

culture arrived. Nonetheless, this most ancient way of life still had a sizable and variable presence in the world of the fifteenth century.

Consider, for example, Australia. That continent's many separate groups, some 250 of them, still practiced a gathering and hunting way of life in the fifteenth century, a pattern that continued well after Europeans arrived in the late eighteenth century. Over many thousands of years, these people had assimilated various material items or cultural practices from outsiders—outrigger canoes, fishhooks, complex netting techniques, artistic styles, rituals, and mythological ideas—but despite the presence of farmers in nearby New Guinea, no agricultural practices penetrated the Australian mainland. Was it because large areas of Australia were unsuited for the kind of agriculture practiced in New Guinea? Or did the peoples of Australia, enjoying an environment of sufficient resources, simply see no need to change their way of life?

Despite the absence of agriculture, Australia's peoples had mastered and manipulated their environment, in part through the practice of “firestick farming,” a pattern of deliberately set fires, which they described as “cleaning up the country.”

Guided Reading Question

■ COMPARISON

In what ways did the gathering and hunting people of Australia differ from those of the northwest coast of North America?

AP® EXAM TIP

Make sure you are aware of common features of Paleolithic societies.

These controlled burns served to clear the underbrush, thus making hunting easier and encouraging the growth of certain plant and animal species. In addition, native Australians exchanged goods among themselves over distances of hundreds of miles, created elaborate mythologies and ritual practices, and developed sophisticated traditions of sculpture and rock painting. They accomplished all of this on the basis of an economy and technology rooted in the distant Paleolithic past.

A very different kind of gathering and hunting society flourished in the fifteenth century along the northwest coast of North America among the Chinookan, Tulalip, Skagit, and other peoples. With some 300 edible animal species and an abundance of salmon and other fish, this extraordinarily bounteous environment provided the foundation for what scholars sometimes call “complex” or “affluent” gathering and hunting cultures. What distinguished the northwest coast peoples from those of Australia were permanent village settlements with large and sturdy houses, considerable economic specialization, ranked societies that sometimes included slavery, chiefdoms dominated by powerful clan leaders or “big men,” and extensive storage of food.

Although these and other gathering and hunting peoples persisted still in the fifteenth century, both their numbers and the area they inhabited had contracted greatly as the Agricultural Revolution unfolded across the planet. That relentless advance of the farming frontier continued in the centuries ahead as the Russian, Chinese, and European empires encompassed the lands of the remaining Paleolithic peoples. By the early twenty-first century, what was once the only human way of life had been reduced to minuscule pockets of people whose cultures seemed doomed to a final extinction.

AP® EXAM TIP

Note that like gathering and hunting societies, agricultural village societies also persisted in many places in the era ca. 600–ca. 1450.

Agricultural Village Societies: The Igbo and the Iroquois

Far more numerous than gatherers and hunters were those many peoples who, though fully agricultural, had avoided incorporation into larger empires or civilizations and had not developed their own city- or state-based societies. Living usually in small village-based communities and organized in terms of kinship relations, such people predominated during the fifteenth century in much of North America; in most of the tropical lowlands of South America and the Caribbean; in parts of the Amazon River basin, Southeast Asia, and Africa south of the equator; and throughout Pacific Oceania. Historians have largely relegated such societies to the periphery of world history, viewing them as marginal to the cities, states, and large-scale civilizations that predominate in most accounts of the global past. Viewed from within their own circles, though, these societies were at the center of things, each with its own history of migration, cultural transformation, social conflict, incorporation of new people, political rise and fall, and interaction with strangers. In short, they too changed as their histories took shape.

East of the Niger River in the heavily forested region of West Africa lay the lands of the Igbo (EE-boh) peoples. By the fifteenth century, their neighbors, the

Guided Reading Question

CHANGE

What kinds of changes were transforming the societies of the West African Igbo and the North American Iroquois as the fifteenth century unfolded?

Yoruba and Bini, had begun to develop small states and urban centers. But the Igbo, whose dense population and extensive trading networks might well have given rise to states, declined to follow suit. The deliberate Igbo preference was to reject the kingship and state-building efforts of their neighbors. They boasted on occasion that “the Igbo have no kings.” Instead, they relied on other institutions to maintain social cohesion beyond the level of the village: title societies in which wealthy men received a series of prestigious ranks, women’s associations, hereditary ritual experts serving as mediators, and a balance of power among kinship groups. It was a “stateless society,” famously described in Chinua Achebe’s *Things Fall Apart*, the most widely read novel to emerge from twentieth-century Africa.

But the Igbo peoples and their neighbors did not live in isolated, self-contained societies. They traded actively among themselves and with more distant peoples, such as the large African kingdom of Songhay (sahn-GEYE) far to the north. Cotton cloth, fish, copper and iron goods, decorative objects, and more drew neighboring peoples into networks of exchange. Common artistic traditions reflected a measure of cultural unity in a politically fragmented region, and all of these peoples seem to have changed from a matrilineal to a patrilineal system of tracing their descent. Little of this registered in the larger civilizations of the Afro-Eurasian world, but to the peoples of the West African forest during the fifteenth century, these processes were central to their history and their daily lives. Soon, however, all of them would be caught up in the transatlantic slave trade and would be changed substantially in the process.

Across the Atlantic in what is now central New York State, other agricultural village societies were also in the process of substantial change during the several centuries preceding their incorporation into European trading networks and empires. The Iroquois-speaking peoples of that region had only recently become fully agricultural, adopting maize- and bean-farming techniques that had originated centuries earlier in Mesoamerica. As this productive agriculture took hold by 1300 or so, the population grew, the size of settlements increased, and distinct peoples emerged. Frequent warfare also erupted among them. Some scholars have speculated that as agriculture, largely seen as women’s work, became the primary economic activity, “warfare replaced successful food getting as the avenue to male prestige.”²

Whatever caused it, this increased level of conflict among Iroquois peoples triggered a remarkable political innovation around the fifteenth century: a loose alliance or confederation among five Iroquois-speaking peoples—the Mohawk, Oneida, Onondaga, Cayuga, and Seneca. Based on an agreement known as the Great Law of Peace (see Map 12.5, page 523), the Five Nations, as they called themselves, agreed to settle their differences peacefully through a confederation council of clan leaders, some fifty of them altogether, who had the authority to adjudicate disputes and set reparation payments. Operating by consensus, the Iroquois League of Five



Igbo Art

Widely known for their masks, used in a variety of ritual and ceremonial occasions, the Igbo were also among the first to produce bronze castings using the “lost wax” method. This exquisite bronze pendant in the form of a human head derives from the Igbo Ukwu archeological site in eastern Nigeria and dates to the ninth century c.e. (The British Museum, London, UK/ Werner Forman/Art Resource, NY)

Nations effectively suppressed the blood feuds and tribal conflicts that had only recently been so widespread. It also coordinated their peoples' relationship with outsiders, including the Europeans, who arrived in growing numbers in the centuries after 1500.

The Iroquois League gave expression to values of limited government, social equality, and personal freedom, concepts that some European colonists found highly attractive. One British colonial administrator declared in 1749 that the Iroquois had "such absolute Notions of Liberty that they allow no Kind of Superiority of one over another, and banish all Servitude from their Territories."³ Such equality extended to gender relationships, for among the Iroquois, descent was matrilineal (reckoned through the woman's line), married couples lived with the wife's family, and women controlled agriculture and property. While men were hunters, warriors, and the primary political officeholders, women selected and could depose those leaders.

Wherever they lived in 1500, over the next several centuries independent agricultural peoples such as the Iroquois and Igbo were increasingly encompassed in expanding economic networks and conquest empires based in Western Europe, Russia, China, or India. In this respect, they replicated the experience of many other village-based farming communities that had much earlier found themselves forcibly included in the powerful embrace of Egyptian, Mesopotamian, Roman, Indian, Chinese, and other civilizations.

Pastoral Peoples: Central Asia and West Africa

Pastoral peoples had long impinged more directly and dramatically on civilizations than did hunting and gathering or agricultural village societies. The Mongol incursion, along with the enormous empire to which it gave rise, was one in a long series of challenges from the steppes, but it was not quite the last. As the Mongol Empire disintegrated, a brief attempt to restore it occurred in the late fourteenth and early fifteenth centuries under the leadership of a Turkic warrior named Timur, born in what is now Uzbekistan and known in the West as Tamerlane (see Map 12.1, page 506).

With a ferocity that matched or exceeded that of his model, Chinggis Khan, Timur's army of pastoralists brought immense devastation yet again to Russia, Persia, and India. Timur himself died in 1405, while preparing for an invasion of China. Conflicts among his successors prevented any lasting empire, although his descendants retained control of the area between Persia and Afghanistan for the rest of the fifteenth century. That state hosted a sophisticated elite culture, combining Turkic and Persian elements, particularly at its splendid capital of Samarkand, as its rulers patronized artists, poets, traders, and craftsmen. Timur's conquest proved to be the last great military success of pastoral peoples from Central Asia. In the centuries that followed, their homelands were swallowed up in the expanding Russian and Chinese empires, as the balance of power between steppe pastoralists of inner Eurasia and the civilizations of outer Eurasia turned decisively in favor of the latter.

AP® EXAM TIP

Timur's empire encompassed a key portion of the Silk Roads.

Guided Reading Question

■ SIGNIFICANCE

What role did Central Asian and West African pastoralists play in their respective regions?

In Africa, pastoral peoples stayed independent of established empires several centuries longer than those of Inner Asia, for not until the late nineteenth century were they incorporated into European colonial states. The experience of the Fulbe, West Africa's largest pastoral society, provides an example of an African herding people with a highly significant role in the fifteenth century and beyond. From their homeland in the western fringe of the Sahara along the upper Senegal River, the Fulbe had migrated gradually eastward in the centuries after 1000 C.E. (see Map 12.3, page 514). Unlike the pastoral peoples of Inner Asia, they generally lived in small communities among agricultural peoples and paid various grazing fees and taxes for the privilege of pasturing their cattle. Relations with their farming hosts often were tense because the Fulbe resented their subordination to agricultural peoples, whose way of life they despised. That sense of cultural superiority became even more pronounced as the Fulbe, in the course of their eastward movement, slowly adopted Islam. Some of them in fact dropped out of a pastoral life and settled in towns, where they became highly respected religious leaders. In the eighteenth and nineteenth centuries, the Fulbe were at the center of a wave of religiously based uprisings, or jihads, which greatly expanded the practice of Islam and gave rise to a series of new states, ruled by the Fulbe themselves.

Civilizations of the Fifteenth Century: Comparing China and Europe

Beyond the foraging, farming, and pastoral societies of the fifteenth-century world were its civilizations, those city-centered and state-based societies that were far larger and more densely populated, more powerful and innovative, and much more unequal in terms of class and gender than other forms of human community. Since the First Civilizations had emerged between 3500 and 1000 B.C.E., both the geographic space they encompassed and the number of people they embraced had grown substantially. By the fifteenth century, a considerable majority of the world's population lived within one or another of these civilizations, although most of these people no doubt identified more with local communities than with a larger civilization. What might an imaginary global traveler notice about the world's major civilizations in the fifteenth century?

Ming Dynasty China

Such a traveler might well begin his or her journey in China, heir to a long tradition of effective governance, Confucian and Daoist philosophy, a major Buddhist presence, sophisticated artistic achievements, and a highly productive economy. That civilization, however, had been greatly disrupted by a century of Mongol rule, and its population had been sharply reduced by the plague. During the Ming dynasty (1368–1644), however, China recovered (see Map 12.1). The early decades of that dynasty witnessed an effort to eliminate all signs of foreign rule, discouraging the use of Mongol names and dress, while promoting Confucian learning and orthodox

AP® EXAM TIP

You should know the time frames of each of the major Chinese dynasties, such as the Ming (fourteenth to seventeenth centuries).



Map 12.1 Asia in the Fifteenth Century

The fifteenth century in Asia witnessed the massive Ming dynasty voyages into the Indian Ocean, the last major eruption of pastoral power in Timur's empire, and the flourishing of the maritime city of Malacca.

AP® EXAM TIP

Always pay attention to examples of governments' methods of political control.

Guided Reading Question

DESCRIPTION

How would you define the major achievements of Ming dynasty China?

gender roles, based on earlier models from the Han, Tang, and Song dynasties. Emperor Yongle (YAHNG-leh) (r. 1402–1422) sponsored an enormous *Encyclopedia* of some 11,000 volumes. With contributions from more than 2,000 scholars, this work sought to summarize or compile all previous writing on history, geography, philosophy, ethics, government, and more. Yongle also relocated the capital to Beijing, ordered the building of a magnificent imperial residence known as the Forbidden City, and constructed the Temple of Heaven, where subsequent rulers performed Confucian-based rituals to ensure the well-being of Chinese society. Two empresses wrote instructions for female behavior, emphasizing traditional expectations after the disruptions of the previous century. Culturally speaking, China was looking to its past.

Politically, the Ming dynasty reestablished the civil service examination system that had been neglected under Mongol rule and went on to create a highly centralized government. Power was concentrated in the hands of the emperor himself, while a cadre of eunuchs (castrated men) personally loyal to the emperor exercised

great authority, much to the dismay of the official bureaucrats. The state acted vigorously to repair the damage of the Mongol years by restoring millions of acres to cultivation; rebuilding canals, reservoirs, and irrigation works; and planting, according to some estimates, a billion trees in an effort to reforest China. As a result, the economy rebounded, both international and domestic trade flourished, and the population grew. During the fifteenth century, China had recovered and was perhaps the best governed and most prosperous of the world's major civilizations.

China also undertook the largest and most impressive maritime expeditions the world had ever seen. Since the eleventh century, Chinese sailors and traders had been a major presence in the South China Sea and in Southeast Asian port cities, with much of this activity in private hands. But now, after decades of preparation, an enormous fleet, commissioned by Emperor Yongle himself, was launched in 1405, followed over the next twenty-eight

years by six more such expeditions. On board more than 300 ships of the first voyage was a crew of some 27,000, including 180 physicians, hundreds of government officials, 5 astrologers, 7 high-ranking or grand eunuchs, carpenters, tailors, accountants, merchants, translators, cooks, and thousands of soldiers and sailors. Visiting many ports in Southeast Asia, Indonesia, India, Arabia, and East Africa, these fleets, captained by the Muslim eunuch Zheng He (JUHNG-huh), sought to enroll distant peoples and states in the Chinese tribute system (see Map 12.1). Dozens of rulers accompanied the fleets back to China, where they presented tribute, performed the required rituals of submission, and received in return abundant gifts, titles, and trading opportunities. Chinese officials were amused by some of the exotic products to be found abroad—ostriches, zebras, and giraffes, for example. Officially described as “bringing order to the world,” Zheng He’s expeditions served to establish Chinese power and prestige in the Indian Ocean and to exert Chinese control over foreign trade in the region. The Chinese, however, did not seek to conquer new territories, establish Chinese settlements, or spread their culture, though they did intervene in a number of local disputes. (See Zooming In: Zheng He, page 508.)

AP® EXAM TIP

Compare the purposes, sizes, discoveries, and effects of Zheng He’s expedition with those from Europe in the fifteenth century.

**Temple of Heaven**

Set in a forest of more than 650 acres, the Temple of Heaven was constructed in the early fifteenth century. In Chinese thinking, it was the primary place where Heaven and Earth met. From his residence in the Forbidden City, the Chinese emperor led a procession of thousands twice a year to this sacred site, where he offered sacrifices, implored the gods for a good harvest, and performed the rituals that maintained the cosmic balance. (Imaginechina for AP Images)

Zheng He, China's Non-Chinese Admiral

At the helm of China's massive maritime expeditions in the early fifteenth century was a most unusual person named Zheng He.⁴ Born in 1371 in the frontier region of Yunnan in southwestern China, his family roots were in Central Asia in what is now Uzbekistan. Both his father and grandfather were devout Muslims who had made the pilgrimage to Mecca. The family had also achieved local prominence as high officials serving the Mongol rulers of China for a century. Zheng He would surely have continued in this tradition had not a major turning point in China's history decisively altered the trajectory of his life.

Zheng He's birth, as it happened, coincided with the end of Mongol rule. His own father was killed resisting the forces of the new Ming dynasty that ousted the Mongols from Yunnan in 1382. Eleven-year-old Zheng He was taken prisoner along with hundreds of Mongols and their Muslim supporters. But young Zheng He lost more than his freedom; he also lost his male sex organs as he underwent castration, becoming a eunuch. The practice had a long history in China as well as in Chris-



Among the acquisitions of Zheng He's expeditions, none excited more interest in the Chinese court than an African giraffe.

tian and Islamic civilizations. During the 276 years of the Ming dynasty (1368–1644), some 1 million eunuchs served the Chinese emperor and members of the elite. A small number became powerful officials, especially at the central imperial court, where their utter dependence upon and loyalty to the emperor gained them the enduring hostility of the scholar-bureaucrats of China's civil service. Strangely enough, substantial numbers of Chinese men voluntarily became eunuchs, trading their manhood for the possibility of achieving power, prestige, and wealth.

After his castration, pure chance shaped Zheng He's life as he was assigned to Zhu Di, the fourth son of the reigning emperor, who was then establishing himself in the northern Chinese region around Beijing. Zheng He soon won the confidence of his master, and eventually the almost seven-foot-tall eunuch proved himself an effective military leader in various skirmishes against the Mongols

photo: *Tribute Giraffe with Attendant*, 1414, China, Ming Dynasty (1368–1644), Yongle Period (1403–1424), ink and color on silk/Gift of John T. Dorraunce, 1977 (1977-42-1)/The Philadelphia Museum of Art/Art Resource, NY

The most surprising feature of these voyages was how abruptly and deliberately they were ended. After 1433, Chinese authorities simply stopped such expeditions and allowed this enormous and expensive fleet to deteriorate in port. "In less than a hundred years," wrote a recent historian of these voyages, "the greatest navy the world had ever known had ordered itself into extinction."⁵ Part of the reason involved the death of the emperor Yongle, who had been the chief patron of the enterprise. Many high-ranking officials had long seen the expeditions as a waste of resources because China, they believed, was the self-sufficient "middle kingdom,"

and in the civil war that brought Zhu Di to power as the emperor Yongle in 1402. With his master as emperor, Zheng He served first as Grand Director of Palace Servants. Now he could don the prestigious red robe, rather than the blue one assigned to lower-ranking eunuchs. But soon Zheng He found himself with a far more ambitious assignment—commander of China’s huge oceangoing fleet.

The seven voyages that Zheng He led between 1405 and 1433 have defined his role in Chinese and world history. But they also revealed something of the man himself. Clearly, he was not an explorer in the mold of Columbus, for he sailed in well-traveled waters and usually knew where he was going. While his journeys were largely peaceful, with no effort to establish colonies or control trade, on several occasions Zheng He used force to suppress piracy or to punish those who resisted Chinese overtures. Once he personally led 2,000 Chinese soldiers against a hostile ruler in the interior of Ceylon. He also had a keen eye for the kind of exotica that the imperial court found fascinating, returning to China with ostriches, zebras, lions, elephants, and a giraffe.

The voyages also disclose Zheng He’s changing religious commitments. Born and raised a Muslim, he had not lived in a primarily Islamic setting since his capture at the age of eleven. Thus it is hardly surprising that he adopted the more eclectic posture toward religion common in China. During his third voyage in Ceylon, he erected a trilingual tablet recording lavish gifts and praise

to the Buddha, to Allah, and to a local form of the Hindu deity Vishnu. He also apparently expressed some interest in a famous relic said to be a tooth of the Buddha. And Zheng He credited the success of his journeys to the Daoist goddess Tianfei, protector of sailors and seafarers.

To Zheng He, the voyages surely represented the essential meaning of his own life. In an inscription erected just prior to his last voyage, Zheng He summarized his achievements: “When we arrived at the foreign countries, barbarian kings who resisted transformation [by Chinese civilization] and were not respectful we captured alive, and bandit soldiers who looted and plundered recklessly we exterminated. Because of this, the sea routes became pure and peaceful and the foreign peoples could rely upon them and pursue their occupations in safety.” But after his death, Zheng He vanished from the historical record, even as his country largely withdrew from the sea, and most Chinese forgot about the unusual man who had led those remarkable voyages. In the early twenty-first century, however, Zheng He has been resurrected as a potent symbol of China’s growing global position and of its peaceful intentions. In such ways, the past is appropriated, and sometimes distorted, as it proves useful in the present.

Questions: How might you describe the arc of Zheng He’s life? What were its major turning points? How did Zheng He’s castration shape his life?

requiring little from the outside world. In their eyes, the real danger to China came from the north, where barbarians constantly threatened. Finally, they viewed the voyages as the project of the court eunuchs, whom these officials despised. Even as these voices of Chinese officialdom prevailed, private Chinese merchants and craftsmen continued to settle and trade in Japan, the Philippines, Taiwan, and Southeast Asia, but they did so without the support of their government. The Chinese state quite deliberately turned its back on what was surely within its reach—a large-scale maritime empire in the Indian Ocean basin.

European Comparisons: State Building and Cultural Renewal

At the other end of the Eurasian continent, similar processes of demographic recovery, political consolidation, cultural flowering, and overseas expansion were under way. Western Europe, having escaped Mongol conquest but devastated by the plague, began to regrow its population during the second half of the fifteenth century. As in China, the infrastructure of civilization proved a durable foundation for demographic and economic revival.

Politically too Europe joined China in continuing earlier patterns of state building. In China, however, this meant a unitary and centralized government that encompassed almost the whole of its civilization, while in Europe a decidedly fragmented system of many separate, independent, and highly competitive states made for a sharply divided Western civilization (see Map 12.2). Many of these states—Spain, Portugal, France, England, the city-states of Italy (Milan, Venice, and Florence), various German principalities—learned to tax their citizens more efficiently, to create more effective administrative structures, and to raise standing armies. A small Russian state centered on the city of Moscow also emerged in the fifteenth century as Mongol rule faded away. Much of this state building was driven by the needs of war, a frequent occurrence in such a fragmented and competitive political environment. England and France, for example, fought intermittently for more than a century in the Hundred Years' War (1337–1453) over rival claims to territory in France. Nothing remotely similar disturbed the internal life of Ming dynasty China.

A renewed cultural blossoming, known in European history as the Renaissance, likewise paralleled the revival of all things Confucian in Ming dynasty China. In Europe, however, that blossoming celebrated and reclaimed a classical Greco-Roman tradition that earlier had been lost or obscured. Beginning in the vibrant commercial cities of Italy between roughly 1350 and 1500, the Renaissance reflected the belief of the wealthy male elite that they were living in a wholly new era, far removed from the confined religious world of feudal Europe. Educated citizens of these cities sought inspiration in the art and literature of ancient Greece and Rome; they were “returning to the sources,” as they put it. Their purpose was not so much to reconcile these works with the ideas of Christianity, as the twelfth- and thirteenth-century university scholars had done, but to use them as a cultural standard to imitate and then to surpass. The elite patronized great Renaissance artists such as Leonardo da Vinci, Michelangelo, and Raphael, whose paintings and sculptures were far more naturalistic, particularly in portraying the human body, than those of their medieval counterparts. Some of these artists looked to the Islamic world for standards of excellence, sophistication, and abundance. (See Working with Evidence: Islam and Renaissance Europe, page 536.)

Although religious themes remained prominent, Renaissance artists now included portraits and busts of well-known contemporary figures, scenes from ancient

Guided Reading Question

COMPARISON

What political and cultural differences stand out in the histories of fifteenth-century China and Western Europe? What similarities are apparent?

AP® EXAM TIP

One important feature of the Renaissance was that artists were funded by wealthy elites—part of a pattern since the beginning of civilizations.



Map 12.2 Europe in 1500

By the end of the fifteenth century, Christian Europe had assumed its early modern political shape as a system of competing states threatened by an expanding Muslim Ottoman Empire.

mythology, and depictions of Islamic splendor. In the work of scholars, known as humanists, reflections on secular topics such as grammar, history, politics, poetry, rhetoric, and ethics complemented more religious matters. For example, Niccolò Machiavelli's (1469–1527) famous work *The Prince* was a prescription for political success based on the way politics actually operated in a highly competitive Italy of rival city-states rather than on idealistic and religiously based principles. To the question of whether a prince should be feared or loved, Machiavelli replied:

One ought to be both feared and loved, but as it is difficult for the two to go together, it is much safer to be feared than loved. . . . For it may be said of men in general that they are ungrateful, voluble, dissemblers, anxious to avoid danger,

AP® EXAM TIP

Machiavelli's political theories influenced totalitarian leaders of the early twentieth century (see Chapter 21).



The Waldseemüller Map of 1507

Just fifteen years after Columbus landed in the Western Hemisphere, this map, which was created by the German cartographer Martin Waldseemüller, reflected a dawning European awareness of the planet's global dimensions and the location of the world's major landmasses. (bpk, Berlin/Staatsbibliothek zu Berlin, Stiftung Preussischer Kulturbesitz/Photo: Ruth Schacht/Art Resource, NY)

and covetous of gain. . . . Fear is maintained by dread of punishment which never fails. . . . In the actions of men, and especially of princes, from which there is no appeal, the end justifies the means.⁶

While the great majority of Renaissance writers and artists were men, among the remarkable exceptions to that rule was Christine de Pizan (1363–1430), the daughter of a Venetian official, who lived mostly in Paris. Her writings pushed against the misogyny of so many European thinkers of the time. In her *City of Ladies*, she mobilized numerous women from history, Christian and pagan alike, to demonstrate that women too could be active members of society and deserved an education equal to that of men. Aiding in the construction of this allegorical city is Lady Reason, who offers to assist Christine in dispelling her poor opinion of her own sex. “No matter which way I looked at it,” she wrote, “I could find no evidence from my own experience to bear out such a negative view of female nature and habits. Even so . . . I could scarcely find a moral work by any author which didn’t devote some chapter or paragraph to attacking the female sex.”⁷

Heavily influenced by classical models, Renaissance figures were more interested in capturing the unique qualities of particular individuals and in describing the world as it was than in portraying or exploring eternal religious truths. In its focus

on the affairs of this world, Renaissance culture reflected the urban bustle and commercial preoccupations of Italian cities. Its secular elements challenged the otherworldliness of Christian culture, and its individualism signaled the dawning of a more capitalist economy of private entrepreneurs. A new Europe was in the making, one more different from its own recent past than Ming dynasty China was from its pre-Mongol glory.

European Comparisons: Maritime Voyaging

A global traveler during the fifteenth century might be surprised to find that Europeans, like the Chinese, were also launching outward-bound maritime expeditions. Initiated in 1415 by the small country of Portugal, those voyages sailed ever farther down the west coast of Africa, supported by the state and blessed by the pope (see Map 12.3). As the century ended, two expeditions marked major breakthroughs, although few suspected it at the time. In 1492, Christopher Columbus, funded by Spain, Portugal's neighbor and rival, made his way west across the Atlantic hoping to arrive in the East and, in one of history's most consequential mistakes, ran into the Americas. Five years later, in 1497, Vasco da Gama launched a voyage that took him around the tip of South Africa, along the East African coast, and, with the help of a Muslim pilot, across the Indian Ocean to Calicut in southern India.

The differences between the Chinese and European oceangoing ventures were striking, most notably perhaps in terms of size. Columbus captained three ships and a crew of about 90, while da Gama had four ships, manned by perhaps 170 sailors. These were minuscule fleets compared to Zheng He's hundreds of ships and a crew in the many thousands. "All the ships of Columbus and da Gama combined," according to a recent account, "could have been stored on a single deck of a single vessel in the fleet that set sail under Zheng He."⁸

Motivation as well as size differentiated the two ventures. Europeans were seeking the wealth of Africa and Asia—gold, spices, silk, and more. They also were in search of Christian converts and of possible Christian allies with whom to continue their long crusading struggle against threatening Muslim powers. China, by contrast, faced no equivalent power, needed no military allies in the Indian Ocean basin, and required little that these regions produced. Nor did China possess an impulse to convert foreigners to its culture or religion, as the Europeans surely did. Furthermore, the confident and overwhelmingly powerful Chinese fleet sought neither conquests nor colonies, while the Europeans soon tried to monopolize by force the commerce of the Indian Ocean and violently carved out huge empires in the Americas.

The most striking difference in these two cases lay in the sharp contrast between China's decisive ending of its voyages and the continuing, indeed escalating, European effort, which soon brought the world's oceans and growing numbers of the world's people under its control. This is why Zheng He's voyages were so long neglected in China's historical memory. They led nowhere, whereas the initial

AP[®] EXAM TIP

Be prepared to list Europeans' motivations for exploring outside of their "world."

Guided Reading Question

COMPARISON

In what ways did European maritime voyaging in the fifteenth century differ from that of China?

What accounts for these differences?



Map 12.3 Africa in the Fifteenth Century

By the fifteenth century, Africa was a virtual museum of political and cultural diversity, encompassing large empires, such as Songhay; smaller kingdoms, such as Kongo; city-states among the Yoruba, Hausa, and Swahili peoples; village-based societies without states at all, as among the Igbo; and pastoral peoples, such as the Fulbe. Both European and Chinese maritime expeditions touched on Africa during that century, even as Islam continued to find acceptance in the northern half of the continent.

European expeditions, so much smaller and less promising, were but the first steps on a journey to world power. But why did the Europeans continue a process that the Chinese had deliberately abandoned?

In the first place, Europe had no unified political authority with the power to order an end to its maritime outreach. Its system of competing states, so unlike

China's single unified empire, ensured that once begun, rivalry alone would drive the Europeans to the ends of the earth. Beyond this, much of Europe's elite had an interest in overseas expansion. Its budding merchant communities saw opportunity for profit; its competing monarchs eyed the revenue from taxing overseas trade or from seizing overseas resources; the Church foresaw the possibility of widespread conversion; impoverished nobles might imagine fame and fortune abroad. In China, by contrast, support for Zheng He's voyages was very shallow in official circles, and when the emperor Yongle passed from the scene, those opposed to the voyages prevailed within the politics of the court.

AP® EXAM TIP

Take note of factors that led to China's withdrawal from exploration.

Finally, the Chinese were very much aware of their own antiquity, believed strongly in the absolute superiority of their culture, and felt with good reason that, should they desire something from abroad, others would bring it to them. Europeans too believed themselves unique, particularly in religious terms as the possessors of Christianity, the "one true religion." In material terms, though, they were seeking out the greater riches of the East, and they were highly conscious that Muslim power blocked easy access to these treasures and posed a military and religious threat to Europe itself. All of this propelled continuing European expansion in the centuries that followed.

The Chinese withdrawal from the Indian Ocean actually facilitated the European entry. It cleared the way for the Portuguese to penetrate the region, where they faced only the eventual naval power of the Ottomans. Had Vasco da Gama encountered Zheng He's massive fleet as his four small ships sailed into Asian waters in 1498, world history may well have taken quite a different turn. As it was, however, China's abandonment of oceanic voyaging and Europe's embrace of the seas marked different responses to a common problem that both civilizations shared—growing populations and land shortage. In the centuries that followed, China's rice-based agriculture was able to expand production internally by more intensive use of the land, while the country's territorial expansion was inland toward Central Asia. By contrast, Europe's agriculture, based on wheat and livestock, expanded primarily by acquiring new lands in overseas possessions, which were gained as a consequence of a commitment to oceanic expansion.

Civilizations of the Fifteenth Century: The Islamic World

Beyond the domains of Chinese and European civilization, our fifteenth-century global traveler would surely have been impressed with the transformations of the Islamic world. Stretching across much of Afro-Eurasia, the enormous realm of Islam experienced a set of remarkable changes during the fifteenth and early sixteenth centuries, as well as the continuation of earlier patterns. The most notable change lay in the political realm, for an Islamic civilization that had been severely fragmented since at least 900 now crystallized into four major states or empires (see Map 12.4). At the same time, a long-term process of conversion to Islam continued

the cultural transformation of Afro-Eurasian societies both within and beyond these new states.

In the Islamic Heartland: The Ottoman and Safavid Empires

Guided Reading Question

COMPARISON

What differences can you identify among the four major empires in the Islamic world of the fifteenth and sixteenth centuries?

AP® EXAM TIP

You must know examples of the Ottoman Empire's economic, cultural, and political significance.

The most impressive and enduring of the new Islamic states was the Ottoman Empire, which lasted in one form or another from the fourteenth to the early twentieth century. It was the creation of one of the many Turkic warrior groups that had migrated into Anatolia, slowly and sporadically, in the several centuries following 1000 C.E. By the mid-fifteenth century, these Ottoman Turks had already carved out a state that encompassed much of the Anatolian peninsula and had pushed deep into southeastern Europe (the Balkans), acquiring in the process a substantial Christian population. During the sixteenth century, the Ottoman Empire extended its control to much of the Middle East, coastal North Africa, the lands surrounding the Black Sea, and even farther into Eastern Europe.

The Ottoman Empire was a state of enormous significance in the world of the fifteenth century and beyond. In its huge territory, long duration, incorporation of many diverse peoples, and economic and cultural sophistication, it was one of the great empires of world history. In the fifteenth century, only Ming dynasty China and the Incas matched it in terms of wealth, power, and splendor. The empire represented the emergence of the Turks as the dominant people of the Islamic world, ruling now over many Arabs, who had initiated this new faith more than 800 years before. In adding “caliph” (successor to the Prophet) to their other titles, Ottoman sultans claimed the legacy of the earlier Abbasid Empire. They sought to bring a renewed unity to the Islamic world, while also serving as protector of the faith, the “strong sword of Islam.”

The Ottoman Empire also represented a new phase in the long encounter between Christendom and the world of Islam. In the Crusades, Europeans had taken the aggressive initiative in that encounter, but the rise of the Ottoman Empire reversed their roles. The seizure of Constantinople in 1453 marked the final demise of Christian Byzantium and allowed Ottoman rulers to see themselves as successors to the Roman Empire. (See *Zooming In: 1453 in Constantinople*, page 518.) It also opened the way to further expansion in heartland Europe, and in 1529 a rapidly expanding Ottoman Empire laid siege to Vienna in the heart of Central Europe. The political and military expansion of Islam, at the expense of Christendom, seemed clearly under way. Many Europeans spoke fearfully of the “terror of the Turk.”

In the neighboring Persian lands to the east of the Ottoman Empire, another Islamic state was also taking shape in the late fifteenth and early sixteenth centuries—the Safavid (SAH-fah-vihd) Empire. Its leadership was also Turkic, but in this case it had emerged from a Sufi religious order founded several centuries earlier by Safi al-Din (1252–1334). The long-term significance of the Safavid Empire, which was established in the decade following 1500, was its decision to forcibly



Map 12.4 Empires of the Islamic World

The most prominent political features of the vast Islamic world in the fifteenth and sixteenth centuries were four large states: the Songhay, Ottoman, Safavid, and Mughal empires.

impose a Shia version of Islam as the official religion of the state. Over time, this form of Islam gained popular support and came to define the unique identity of Persian (Iranian) culture.

This Shia empire also introduced a sharp divide into the political and religious life of heartland Islam, for almost all of Persia's neighbors practiced a Sunni form of the faith. For a century (1534–1639), periodic military conflict erupted between the Ottoman and Safavid empires, reflecting both territorial rivalry and sharp religious differences. In 1514, the Ottoman sultan wrote to the Safavid ruler in the most bitter of terms:

You have denied the sanctity of divine law . . . you have deserted the path of salvation and the sacred commandments . . . you have opened to Muslims the gates of tyranny and oppression . . . you have raised the standard of irreligion

AP® EXAM TIP

Take good notes on the effects of the Sunni/Shia split within Islam.

1453 in Constantinople

On May 29, 1453, forces of the Muslim Ottoman sultan Mehmed II seized control of the great Christian city of Constantinople, an event that marked the final end of the Roman/Byzantine Empire and the ascendancy of the Ottoman Empire. In retrospect, this event acquired a certain air of inevitability about it, for the Byzantine Empire had been retreating for almost two centuries before the steady advance of the Ottomans. By 1453, that once-great empire, heir to all things Roman, had shrunk to little more than the city itself, with only some 50,000 inhabitants and 8,000 active defenders compared to a vast Ottoman army of 60,000 soldiers. And little was left of the fabled wealth of the city. But what later observers see as inevitable generally occurs only with great human effort and amid vast uncertainty about the outcome. So it was in Constantinople in 1453.

Constantine XI, the last Byzantine emperor, was well aware of the odds he faced. Yet his great city, protected by water on two sides and a great wall on a third, had repeatedly withstood many attacks and sieges. Furthermore, until the very end, he had hoped for assistance



Ottoman Turks storm the walls of Constantinople in 1453.

from Western Christians, even promising union with the Roman Church to obtain it. But no such help arrived, at least not in sufficient quantities to make a difference, though rumors of a fleet from Venice persisted. The internal problems of the Western powers as well as the long-standing hostility between Eastern Orthodoxy and Roman Catholicism ensured that Constantinople would meet its end alone.

On the Ottoman side, enormous effort was expended with no assurance of success. In

1451, a new sultan came to the throne of the Ottoman Empire, Mehmed II, only nineteen years old and widely regarded as not very promising. Furthermore, some among the court officials had reservations about an attack on Constantinople. But the young sultan seemed determined to gain the honor promised in Islamic prophecies going back to Muhammad himself to the one who conquered the city. Doing so could also rid him of a potential rival to the Ottoman throne, who had taken refuge in Constantinople.

photo: © ullstein bild/The Image Works

and heresy. . . . [Therefore] the *ulama* and our doctors have pronounced a sentence of death against you, perjurer and blasphemers.⁹

This Sunni/Shia hostility has continued to divide the Islamic world into the twenty-first century.

On the Frontiers of Islam: The Songhay and Mughal Empires

While the Ottoman and Safavid empires brought both a new political unity and a sharp division to the heartland of Islam, two other states performed a similar role on the expanding African and Asian frontiers of the faith. In the West African savan-

And so preparations began for an assault on the once-great city. The Ottomans assembled a huge fleet, gathered men and materials, and constructed a fortress to control access to Constantinople by water. In late 1452, Mehmed secured the services of a Hungarian master cannon builder named Orban, who constructed a number of huge cannons, one of which could hurl a 600-pound stone ball over a mile. These weapons subsequently had a devastating effect on the walls surrounding Constantinople. Interestingly enough, Orban had first offered his services to the Byzantine emperor, who simply could not afford to pay for this very expensive project.

In early April of 1453, the siege began, and it lasted for fifty-seven days. As required by Islamic law, Mehmed offered three times to spare the emperor and his people if they surrendered. Constantine apparently considered the offer seriously, but he finally refused, declaring, “We have all decided to die with our own free will.” After weeks of furious bombardment, an ominous silence descended on May 28. Mehmed had declared a day of rest and prayer before the final assault the next day. That evening, the Byzantine emperor ordered a procession of icons and relics about the city and then entered the ancient Christian church of Hagia Sophia, seeking forgiveness for his sins and receiving Holy Communion.

And then, early the next day, the final assault began as Ottoman forces breached the walls of Constantinople

and took the city. The Christians bravely defended their city, and Constantine discarded his royal regalia and died fighting like a common soldier. A later legend suggested that angels turned Constantine into marble and buried him in a nearby cave from which he would eventually reappear to retake the city for Christendom.

Islamic law required that soldiers be permitted three days of plundering the spoils, but Mehmed was reluctant, eager to spare the city he longed for as his capital. So he limited plundering to one day. Even so, the aftermath was terrible. According to a Christian eyewitness, “The enraged Turkish soldiers . . . gave no quarter. When they had massacred and there was no longer any resistance, they were intent on pillage and roamed through the town stealing, disrobing, pillaging, killing, raping, taking captive men, women, children, monks, priests.”¹⁰ When Mehmed himself entered the city, praying at the Christian altar of Hagia Sophia, he reportedly wept at seeing the destruction that had occurred.

Constantinople was now a Muslim city, capital of the Ottoman Empire, and Hagia Sophia became a mosque. A momentous change had occurred in the relationship between the world of Islam and that of Christendom.

Questions: What factors contributed to Mehmed’s victory? Under what circumstances might a different outcome have been possible?

nas, the Songhay Empire rose in the second half of the fifteenth century. It was the most recent and the largest in a series of impressive states that operated at a crucial intersection of the trans-Saharan trade routes and that derived much of their revenue from taxing that commerce. Islam was a growing faith in Songhay but was limited largely to urban elites. This cultural divide within Songhay largely accounts for the religious behavior of its fifteenth-century monarch Sonni Ali (r. 1465–1492), who gave alms and fasted during Ramadan in proper Islamic style but also enjoyed a reputation as a magician and possessed a charm thought to render his soldiers invisible to their enemies. Nonetheless, Songhay had become a major center of Islamic learning and commerce by the early sixteenth century. A North African traveler known as Leo Africanus remarked on the city of Timbuktu:

AP® EXAM TIP

The AP® exam often asks questions about features of the Songhay Empire.



Ottoman Janissaries

Originating in the fourteenth century, the Janissaries became the elite infantry force of the Ottoman Empire. Complete with uniforms, cash salaries, and marching music, they were the first standing army in the region since the days of the Roman Empire. When gunpowder technology became available, Janissary forces soon were armed with muskets, grenades, and handheld cannons. This Turkish miniature painting dates from the sixteenth century. (Turkish miniature, Topkapi Palace Library, Istanbul, Turkey/Album/Art Resource, NY)

Here are great numbers of [Muslim] religious teachers, judges, scholars, and other learned persons who are bountifully maintained at the king's expense. Here too are brought various manuscripts or written books from Barbary [North Africa] which are sold for more money than any other merchandise. . . . Here are very rich merchants and to here journey continually large numbers of negroes who purchase here cloth from Barbary and Europe. . . . It is a wonder to see the quality of merchandise that is daily brought here and how costly and sumptuous everything is.¹¹

See Working with Evidence, Source 7.3, page 318, for more from Leo Africanus about West Africa in the early sixteenth century. Sonni Ali's successor made the pilgrimage to Mecca and asked to be given the title "Caliph of the Land of the Blacks." Songhay then represented a substantial Islamic state on the African frontier of a still-expanding Muslim world. (See the photo on page 305 for manuscripts long preserved in Timbuktu.)

The Mughal (MOO-guhl) Empire in India bore similarities to Songhay, for both governed largely non-Muslim populations. Much as the Ottoman Empire initiated a new phase in the interaction of Islam and Christendom, so too did the Mughal Empire continue an ongoing encounter between Islamic and Hindu civilizations. Established in the early sixteenth century, the Mughal Empire was the creation of yet another Islamized Turkic group, which invaded India in 1526. Over the next century, the Mughals (a Persian term for Mongols) established unified control over most of the Indian peninsula, giving it a rare period of political unity and laying the foundation for subsequent British colonial rule. During its first 150 years, the Mughal Empire, a land of great wealth and imperial splendor, undertook a remarkable effort to blend many Hindu groups and a variety of Muslims into an effective partnership. The inclusive policies of the early Mughal emperors showed that Muslim rulers could accommodate their overwhelmingly Hindu subjects in somewhat the same fashion as Ottoman authorities provided religious autonomy for their Christian minority. In southernmost India, however, the distinctly Hindu kingdom of Vijayanagara flourished in the fifteenth century, even as it borrowed architectural styles from the Muslim states of northern India and sometimes employed Muslim mercenaries in its military forces.

Together these four Muslim empires—Ottoman, Safavid, Songhay, and Mughal—brought to the Islamic world a greater measure of political coherence, military power, economic prosperity, and cultural brilliance than it had known since the early centuries of Islam. This new energy, sometimes called a “second flowering of Islam,” impelled the continuing spread of the faith to yet new regions. The most prominent of these was oceanic Southeast Asia, which for centuries had been intimately bound up in the world of Indian Ocean commerce, while borrowing elements of both Hindu and Buddhist traditions. By the fifteenth century, that trading network was largely in Muslim hands, and the demand for Southeast Asian spices was mounting as the Eurasian world recovered from the devastation of Mongol conquest and the plague. Growing numbers of Muslim traders, many of them from India, settled in Java and Sumatra, bringing their faith with them. Eager to attract those traders to their port cities, a number of Hindu or Buddhist rulers along the Malay Peninsula and in Indonesia converted to Islam, while transforming themselves into Muslim sultans and imposing Islamic law. Thus, unlike in the Middle East and India, where Islam was established in the wake of Arab or Turkic conquest, in Southeast Asia, as in West Africa, it was introduced by traveling merchants and solidified through the activities of Sufi holy men.

The rise of Malacca, strategically located on the waterway between Sumatra and Malaya, was a sign of the times (see Map 12.1, page 506). During the fifteenth century, it was transformed from a small fishing village to a major Muslim port city. A Portuguese visitor in 1512 observed that Malacca had “no equal in the world. . . . Commerce between different nations for a thousand leagues on every hand must come to Malacca.”¹² That city also became a springboard for the spread of Islam

AP® EXAM TIP

Know the Mughal Empire's significance in South Asian history.

AP® EXAM TIP

Malacca was an important city for trade and culture during the post-classical era (ca. 600–ca. 1450).

throughout the region. In the eclectic style of Southeast Asian religious history, the Islam of Malacca demonstrated much blending with local and Hindu/Buddhist traditions, while the city itself, like many port towns, had a reputation for “rough behavior.” An Arab Muslim pilot in the 1480s commented critically: “They have no culture at all. . . . You do not know whether they are Muslim or not.”¹³ Nonetheless, Malacca, like Timbuktu on the West African frontier of an expanding Islamic world, became a center for Islamic learning, and students from elsewhere in Southeast Asia were studying there in the fifteenth century. As the more central regions of Islam were consolidating politically, the frontier of the faith continued to move steadily outward.

PRACTICING AP® HISTORICAL THINKING

In what ways did the civilizations of China, Europe, and the Islamic world in the fifteenth century seem to be moving in the same direction, and in what respects were they diverging from one another?

Civilizations of the Fifteenth Century: The Americas

AP® EXAM TIP

The Aztec and Inca civilizations are significant parts of the AP® curriculum. Study them closely.

Across the Atlantic, centers of civilization had long flourished in Mesoamerica and in the Andes. The fifteenth century witnessed new, larger, and more politically unified expressions of those civilizations, embodied in the Aztec and Inca empires. Both were the work of previously marginal peoples who had forcibly taken over and absorbed older cultures, giving them new energy, and both were decimated in the sixteenth century at the hands of Spanish conquistadores and their diseases. To conclude this global tour of world civilizations, we will send our intrepid traveler to the Western Hemisphere for a brief look at these American civilizations (see Map 12.5).

The Aztec Empire

The empire known to history as the Aztec state was largely the work of the Mexica (meh-SHEEH-kah) people, a semi-nomadic group from northern Mexico who had migrated southward and by 1325 had established themselves on a small island in Lake Texcoco. Over the next century, the Mexica developed their military capacity, served as mercenaries for more powerful people, negotiated elite marriage alliances with them, and built up their own capital city of Tenochtitlán. In 1428, a Triple Alliance between the Mexica and two other nearby city-states launched a highly aggressive program of military conquest, which in less than 100 years brought more of Mesoamerica within a single political framework than ever before. Aztec authorities, eager to shed their rather undistinguished past, now claimed descent from earlier Mesoamerican peoples such as the Toltecs and Teotihuacán.

With a core population recently estimated at 5 to 6 million people, the Aztec Empire was a loosely structured and unstable conquest state that witnessed frequent rebellions by its subject peoples. Conquered peoples and cities were required to provide labor for Aztec projects and to regularly deliver to their Aztec rulers

Guided Reading Question

■ COMPARISON

What distinguished the Aztec and Inca empires from each other?



Map 12.5 The Americas in the Fifteenth Century

The Americas before Columbus represented a world almost completely separate from Afro-Eurasia. It featured similar kinds of societies, though with a different balance among them, but it largely lacked the pastoral economies that were so important in the Eastern Hemisphere.

Aztec Women

Within the home, Aztec women cooked, cleaned, spun and wove cloth, raised their children, and undertook ritual activities. Outside the home, they served as officials in palaces, priestesses in temples, traders in markets, teachers in schools, and members of craft workers' organizations. This domestic image comes from the sixteenth-century Florentine Codex, which was compiled by the Spanish but illustrated by Aztec artists. (Facsimile from Book IV of Florentine Codex, *General History of Things in New Spain*, 16th century, Mexico/Museo del Templo Mayor, Mexico City, Mexico/De Agostino Picture Library/Bridgeman Images)



impressive quantities of textiles and clothing, military supplies, jewelry and other luxuries, various foodstuffs, animal products, building materials, rubber balls, paper, and more. The process was overseen by local imperial tribute collectors, who sent the required goods on to Tenochtitlán, a metropolis of 150,000 to 200,000 people, where they were meticulously recorded.

That city featured numerous canals, dikes, causeways, and bridges. A central walled area of palaces and temples included a pyramid almost 200 feet high. Surrounding the city were “floating gardens,” artificial islands created from swamplands that supported a highly productive agriculture. Vast marketplaces reflected the commercialization of the economy. A young Spanish soldier who beheld the city in 1519 described his reaction:

Gazing on such wonderful sights, we did not know what to say, or whether what appeared before us was real, for on one side, on the land there were great cities, and in the lake ever so many more, and the lake was crowded with canoes, and in the causeway were many bridges at intervals, and in front of us stood the great city of Mexico.¹⁴

Beyond tribute from conquered peoples, ordinary trade, both local and long-distance, permeated Aztec domains. The extent of empire and rapid population growth stimulated the development of markets and the production of craft goods, particularly in the fifteenth century. Virtually every settlement, from the capital city to the smallest village, had a marketplace that hummed with activity during weekly

AP® EXAM TIP

Take notes on these unique floating gardens, or *chinampas*.

market days. The largest was that of Tlatelolco, near the capital city, which stunned the Spanish with its huge size, its good order, and the immense range of goods available. Hernán Cortés, the Spanish conquistador who defeated the Aztecs, wrote that “every kind of merchandise such as can be met with in every land is for sale there, whether of food and victuals, or ornaments of gold and silver, or lead, brass, copper, tin, precious stones, bones, shells, snails and feathers.”¹⁵ Professional merchants, known as *pochteca*, were legally commoners, but their wealth, often exceeding that of the nobility, allowed them to rise in society and become “magnates of the land.”

Among the “goods” that the *pochteca* obtained were slaves, many of whom were destined for sacrifice in the bloody rituals so central to Aztec religious life. Long a part of Mesoamerican and many other world cultures, human sacrifice assumed an unusually prominent role in Aztec public life and thought during the fifteenth century. Tlacaélel (1398–1480), who was for more than half a century a prominent official of the Aztec Empire, is often credited with crystallizing the ideology of state that gave human sacrifice such great importance.

In that cyclical understanding of the world, the sun, central to all life and identified with the Aztec patron deity Huitzilopochtli (wee-tsee-loh-pockt-lee), tended to lose its energy in a constant battle against encroaching darkness. Thus the Aztec world hovered always on the edge of catastrophe. To replenish its energy and thus postpone the descent into endless darkness, the sun required the life-giving force found in human blood. Because the gods had shed their blood ages ago in creating humankind, it was wholly proper for people to offer their own blood to nourish the gods in the present. The high calling of the Aztec state was to supply this blood, largely through its wars of expansion and from prisoners of war, who were destined for sacrifice. The victims were “those who have died for the god.” The growth of the Aztec Empire therefore became the means for maintaining cosmic order and avoiding utter catastrophe. This ideology also shaped the techniques of Aztec warfare, which put a premium on capturing prisoners rather than on killing the enemy. As the empire grew, priests and rulers became mutually dependent, and “human sacrifices were carried out in the service of politics.”¹⁶ Massive sacrificial rituals, together with a display of great wealth, served to impress enemies, allies, and subjects alike with the immense power of the Aztecs and their gods.

Alongside these sacrificial rituals was a philosophical and poetic tradition of great beauty, much of which mused on the fragility and brevity of human life. Such an outlook characterized the work of Nezahualcoyotl (1402–1472), a poet and king of the city-state of Texcoco, which was part of the Aztec Empire:

Truly do we live on Earth?
 Not forever on earth; only a little while here.
 Although it be jade, it will be broken.
 Although it be gold, it is crushed.
 Although it be a quetzal feather, it is torn asunder.
 Not forever on earth; only a little while here.¹⁷

AP® EXAM TIP

The *pochteca* are an important feature of the Aztec economy.

Guided Reading Question

DESCRIPTION

How did Aztec religious thinking support the empire?

AP® EXAM TIP

You will need to know much more about the Aztecs than just ritual beheadings. Study their form of government, interactions with neighboring groups, trade systems, and gender roles.

The Inca Empire

AP® EXAM TIP

Remember the location of the Aztecs (Mesoamerica) and the Incas (Andes Mountains in South America). Also, note these similarities and differences between the Aztecs and Incas.

While the Mexica were constructing an empire in Mesoamerica, a relatively small community of Quechua-speaking people, known to us as the Incas, was building the Western Hemisphere's largest imperial state along the entire spine of the Andes Mountains. Much as the Aztecs drew on the traditions of the Toltecs and Teotihuacán, the Incas incorporated the lands and cultures of earlier Andean civilizations: the Chavín, Moche, Wari, and Tiwanaku. The Inca Empire, however, was much larger than the Aztec state; it stretched some 2,500 miles along the Andes and contained perhaps 10 million subjects. Although the Aztec Empire controlled only part of the Mesoamerican cultural region, the Inca state encompassed practically the whole of Andean civilization during its short life in the fifteenth and early sixteenth centuries. In the speed of its creation and the extent of its territory, the Inca Empire bears some similarity to that of the Mongols.

Both the Aztec and Inca empires represent rags-to-riches stories in which quite modest and remotely located people very quickly created by military conquest the largest states ever witnessed in their respective regions, but the empires themselves were quite different. In the Aztec realm, the Mexica rulers largely left their conquered people alone, if the required tribute was forthcoming. No elaborate administrative system arose to integrate the conquered territories or to assimilate their people to Aztec culture.

The Incas, on the other hand, erected a rather more bureaucratic empire. At the top reigned the emperor, an absolute ruler regarded as divine, a descendant of the creator god Viracocha and the son of the sun god Inti. Each of the some eighty provinces in the empire had an Inca governor. In theory, the state owned all land and resources, though in practice state lands, known as “lands of the sun,” existed alongside properties owned by temples, elites, and traditional communities. At least in the central regions of the empire, subjects were grouped into hierarchical units of 10, 50, 100, 500, 1,000, 5,000, and 10,000 people, each headed by local officials, who were appointed and supervised by an Inca governor or the emperor. A separate set of “inspectors” provided the imperial center with an independent check on provincial officials. Births, deaths, marriages, and other population data were carefully recorded on *quipus*, the knotted cords that served as an accounting device. A resettlement program moved one-quarter or more of the population to new locations, in part to disperse conquered and no doubt resentful people and sometimes to reward loyal followers with promising opportunities. Efforts at cultural integration required the leaders of conquered peoples to learn Quechua. Their sons were removed to the capital of Cuzco for instruction in Inca culture and language. Even now, millions of people from Ecuador to Chile still speak Quechua, and it is the official second language of Peru after Spanish.

But the sheer human variety of the Incas' enormous empire required great flexibility. In some places Inca rulers encountered bitter resistance; in others local elites were willing to accommodate Incas and thus benefit from their inclusion in the

Guided Reading Question

■ DESCRIPTION

In what ways did Inca authorities seek to integrate their vast domains?



Machu Picchu

Machu Picchu, high in the Andes Mountains, was constructed by the Incas in the fifteenth century on a spot long held sacred by local people. Its 200 buildings stand at some 8,000 feet above sea level, making it a “city in the sky.” It was probably a royal retreat or religious center, rather than serving administrative, commercial, or military purposes. The outside world became aware of Machu Picchu only in 1911, when it was discovered by a Yale University archaeologist. (fstop/superstock)

empire. Where centralized political systems already existed, Inca overlords could delegate control to native authorities. Elsewhere they had to construct an administrative system from scratch. Everywhere they sought to incorporate local people into the lower levels of the administrative hierarchy. While the Incas required their subject peoples to acknowledge major Inca deities, these peoples were then largely free to carry on their own religious traditions. The Inca Empire was a fluid system that varied greatly from place to place and over time. It depended as much on the posture of conquered peoples as on the demands and desires of Inca authorities.

Like the Aztec Empire, the Inca state represented an especially dense and extended network of economic relationships within the “American web,” but these relationships took shape in quite a different fashion. Inca demands on their conquered people were expressed, not so much in terms of tribute, but as labor service, known as *mita*, which was required periodically of every household. What people produced at home usually stayed at home, but almost everyone also had to work for the state. Some labored on large state farms or on “sun farms,” which supported temples and religious institutions; others herded, mined, served in the military, or toiled on state-directed construction projects.

AP[®] EXAM TIP

Know the meaning and significance of the *mita* system.

AP® EXAM TIP

The AP® exam frequently includes questions about the Inca economic system.

Those with particular skills were put to work manufacturing textiles, metal goods, ceramics, and stonework. The most well-known of these specialists were the “chosen women,” who were removed from their homes as young girls, trained in Inca ideology, and set to producing corn beer and cloth at state centers. Later they were given as wives to men of distinction or sent to serve as priestesses in various temples, where they were known as “wives of the Sun.” In return for such labor services, Inca ideology, expressed in terms of family relationships, required the state to arrange elaborate feasts at which large quantities of food and drink were consumed and to provide food and other necessities when disaster struck. Thus the authority of the state penetrated and directed Inca society and economy far more than did that of the Aztecs. (See Working with Evidence, Source 13.4, page 596, for an early Spanish account of Inca governing practices.)

If the Inca and Aztec civilizations differed sharply in their political and economic arrangements, they resembled each other more closely in their gender systems. Both societies practiced what scholars call “gender parallelism,” in which “women and men operate in two separate but equivalent spheres, each gender enjoying autonomy in its own sphere.”¹⁸

In both Mesoamerican and Andean societies, such systems had emerged long before their incorporation into the Aztec and Inca empires. In the Andes, men reckoned their descent from their fathers and women from their mothers, while Mesoamericans had long viewed children as belonging equally to their mothers and fathers. Parallel religious cults for women and men likewise flourished in both societies. Inca men venerated the sun, while women worshipped the moon, with matching religious officials. In Aztec temples, both male and female priests presided over rituals dedicated to deities of both sexes. Particularly among the Incas, parallel hierarchies of male and female political officials governed the empire, while in Aztec society, women officials exercised local authority under a title that meant “female person in charge of people.” Social roles were clearly defined and different for men and women, but the domestic concerns of women—childbirth, cooking, weaving, cleaning—were not regarded as inferior to the activities of men. Among the Aztecs, for example, sweeping was a powerful and sacred act with symbolic significance as “an act of purification and a preventative against evil elements penetrating the center of the Aztec universe, the home.”¹⁹ In the Andes, men broke the ground, women sowed, and both took part in the harvest.

This was gender complementarity, not gender equality. Men occupied the top positions in both political and religious life, and male infidelity was treated more lightly than was women’s unfaithfulness. As the Inca and Aztec empires expanded, military life, limited to men, grew in prestige, perhaps skewing an earlier gender parallelism. The Incas in particular imposed a more rigidly patriarchal order on their subject peoples. In other ways, the new Aztec and Inca rulers adapted to the gender systems of the people they had conquered. Among the Aztecs, the tools of women’s work, the broom and the weaving spindle, were ritualized as weapons; sweeping the home was believed to assist men at war; and childbirth was regarded

AP® EXAM TIP

Note these continued comparisons between the Aztecs and Incas. Pay attention to their social structures.

by women as “our kind of war.”²⁰ Inca rulers replicated the gender parallelism of their subjects at a higher level, as the *sapay Inca* (the Inca ruler) and the *coya* (his female consort) governed jointly, claiming descent respectively from the sun and the moon.

Webs of Connection

Few people in the fifteenth century lived in entirely separate and self-contained communities. Almost all were caught up, to one degree or another, in various and overlapping webs of influence, communication, and exchange.²¹ Perhaps most obvious were the webs of empire, large-scale political systems that brought together a variety of culturally different people. Christians and Muslims encountered each other directly in the Ottoman Empire, as did Hindus and Muslims in the Mughal Empire. And no empire tried more diligently to integrate its diverse peoples than the fifteenth-century Incas.

Religion too linked far-flung peoples, and divided them as well. Christianity provided a common religious culture for peoples from England to Russia, although the great divide between Roman Catholicism and Eastern Orthodoxy endured, and in the sixteenth century the Protestant Reformation would shatter permanently the Christian unity of the Latin West. Although Buddhism had largely vanished from its South Asian homeland, it remained a link among China, Korea, Tibet, Japan, and parts of Southeast Asia, even as it splintered into a variety of sects and practices. More than either of these, Islam actively brought together its many peoples. In the hajj, the pilgrimage to Mecca, Africans, Arabs, Persians, Turks, Indians, and many others joined as one people as they rehearsed together the events that gave birth to their common faith. And yet divisions and conflicts persisted within the vast realm of Islam, as the violent hostility between the Sunni Ottoman Empire and the Shia Safavid Empire so vividly illustrates.

Long-established patterns of trade among peoples occupying different environments and producing different goods were certainly much in evidence during the fifteenth century, as they had been for millennia. Hunting societies of Siberia funneled furs and other products of the forest into the Silk Road trading network traversing the civilizations of Eurasia. In the fifteenth century, some of the agricultural peoples in southern Nigeria were receiving horses brought overland from the drier regions of Africa to the north, where those animals flourished better. The Mississippi River in North America and the Orinoco and Amazon rivers in South America facilitated a canoe-borne commerce along those waterways. Coastal shipping in large seagoing canoes operated in the Caribbean and along the Pacific coast between Mexico and Peru. In Pacific Polynesia, the great voyaging networks across vast oceanic distances that had flourished especially since 1000 were in decline by 1500 or earlier, leading to the abandonment of a number of islands. Ecological devastation perhaps played a role, and some scholars believe that a cooling and fluctuating climate change known as the Little Ice Age created less favorable conditions

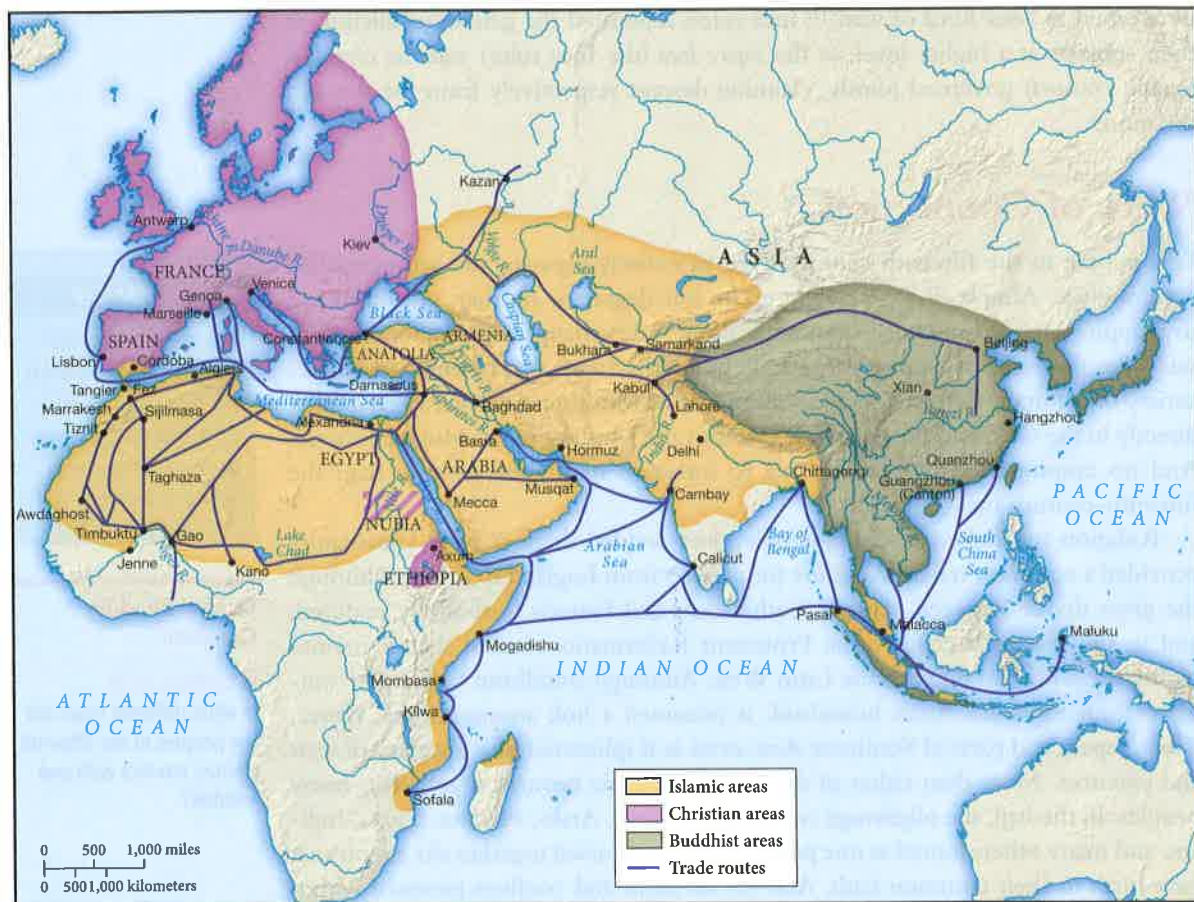
AP® EXAM TIP

Pay close attention to this section about political, cultural, and economic links in the fifteenth-century world.

Guided Reading Question

CONNECTION

In what different ways did the peoples of the fifteenth century interact with one another?



Map 12.6 Religion and Commerce in the Afro-Eurasian World

By the fifteenth century, the many distinct peoples and societies of the Eastern Hemisphere were linked to one another by ties of religion and commerce. Of course, most people were not directly involved in long-distance trade, and many people in areas shown as Buddhist or Islamic on the map practiced other religions. While much of India, for example, was ruled by Muslims, the majority of its people followed some form of Hinduism. And although Islam had spread to West Africa, that religion had not penetrated much beyond the urban centers of the region.

AP® EXAM TIP

Study this map closely. It sums up much of the era ca. 600–ca. 1450.

for inter-island exchange. The great long-distance trading patterns of the Afro-Eurasian world, in operation for a thousand years or more, continued in the fifteenth century, although the balance among them was changing (see Map 12.6). The Silk Road overland network, which had flourished under Mongol control in the thirteenth and fourteenth centuries, contracted in the fifteenth century as the Mongol Empire broke up and the devastation of the plague reduced demand for its products. The rise of the Ottoman Empire also blocked direct commercial contact between Europe and China, but oceanic trade from Japan, Korea, and China through the islands of Southeast Asia and across the Indian Ocean picked up con-

siderably. Larger ships made it possible to trade in bulk goods such as grain as well as luxury products, while more sophisticated partnerships and credit mechanisms greased the wheels of commerce. A common Islamic culture over much of this vast region likewise smoothed the passage of goods among very different peoples, as it also did for the trans-Saharan trade.

A Preview of Coming Attractions: Looking Ahead to the Modern Era, 1450–2015

While ties of empire, culture, commerce, and disease surely linked many of the peoples in the world of the fifteenth century, none of those connections operated on a genuinely global scale. Although the densest webs of connection had been woven within the Afro-Eurasian zone of interaction, this huge region had no sustained ties with the Americas, and neither of them had sustained contact with the peoples of Pacific Oceania. That situation was about to change as Europeans in the sixteenth century and beyond forged a set of genuinely global relationships that generated sustained interaction among all of these regions. That huge process and the many outcomes that flowed from it marked the beginning of what world historians commonly call the modern age—the more than five centuries that followed the voyages of Columbus starting in 1492.

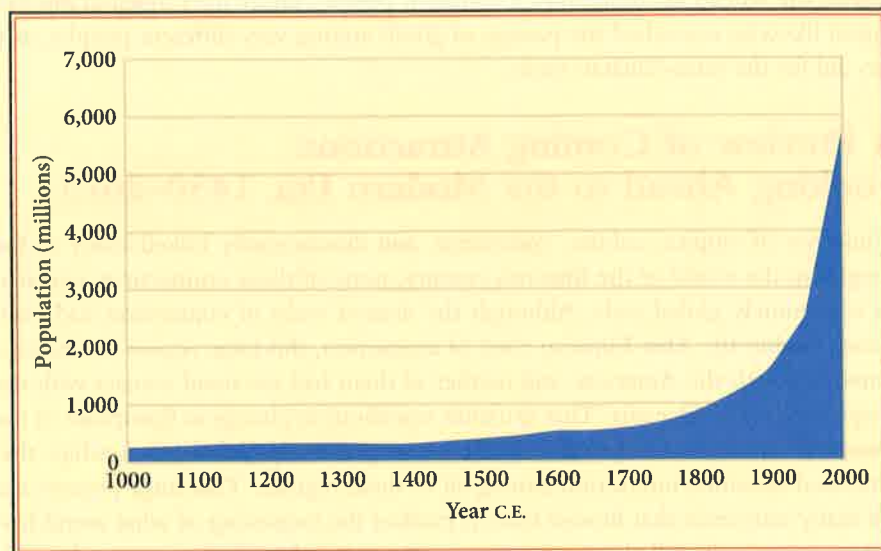
Over those five centuries, the previously separate worlds of Afro-Eurasia, the Americas, and Pacific Oceania became inextricably linked, with enormous consequences for everyone involved. Global empires, a global economy, global cultural exchanges, global migrations, global disease, global wars, and global environmental changes have made the past 500 years a unique phase in the human journey. Those webs of communication and exchange—the first defining feature of the modern era—have progressively deepened, so much so that by the end of the twentieth century few if any people lived beyond the cultural influences, economic ties, or political relationships of a globalized world.

Several centuries after the Columbian voyages, and clearly connected to them, a second distinctive feature of the modern era took shape: the emergence of a radically new kind of human society, first in Europe during the nineteenth century and then in various forms elsewhere in the world. The core feature of such societies was industrialization, with its sustained growth of technological innovation and its massive consumption of energy and raw materials. The human ability to create wealth made an enormous leap forward in a very short period of time, at least by world history standards. Accompanying this economic or industrial revolution was an equally distinctive and unprecedented jump in human numbers, a phenomenon that has affected not only human beings but also many other living species and the earth itself. (See Snapshot, page 532.)

Moreover, these modern societies were far more urbanized and much more commercialized than ever before, as more and more people began to work for wages, to produce for the market, and to buy the requirements of daily life rather

AP® EXAM TIP

Hold on to this summary of the next 500 years to guide you through Chapters 13–23.

SNAPSHOT World Population Growth, 1000–2000²²

than growing or making those products for their own use. These societies gave prominence and power to holders of urban wealth—merchants, bankers, industrialists, educated professionals—at the expense of rural landowning elites, while simultaneously generating a substantial factory working class and diminishing the role of peasants and handicraft artisans.

Modern societies were generally governed by states that were more powerful and intrusive than earlier states and empires had been, and they offered more of their people an opportunity to play an active role in public and political life. Literacy in modern societies was far more widespread than ever before, while new national identities became increasingly prominent, competing with more local loyalties and with those of empire. To the mix of established religious ideas and folk traditions were now added the challenging outlook and values of modern science, with its secular emphasis on the ability of human rationality to know and manipulate the world. Modernity has usually meant a self-conscious awareness of living and thinking in new ways that deliberately departed from tradition.

This revolution of modernity, comparable in its pervasive consequences only to the Agricultural Revolution of some 10,000 years ago, introduced new divisions and new conflicts into the experience of humankind. The ancient tensions between rich and poor within particular societies were now paralleled by new economic inequalities among entire regions and civilizations and a much-altered global balance of power. The first societies to experience the modern transformation—those in Western Europe and North America—became both a threat and a source of

envy to much of the rest of the world. As modern societies emerged and spread, they were enormously destructive of older patterns of human life, even as they gave rise to many new ways of living. Sorting out what was gained and what was lost during the modern transformation has been a persistent and highly controversial thread of human thought over the past several centuries.

A third defining feature of the last 500 years was the growing prominence of European peoples on the global stage. In ancient times, the European world, focused in the Mediterranean basin of Greek culture and the Roman Empire, was but one of several second-wave civilizations in the Eastern Hemisphere. After 500 c.e., Western Europe was something of a backwater, compared to the more prosperous and powerful civilizations of China and the Islamic world.

In the centuries following 1500, however, this western peninsula of the Eurasian continent became the most innovative, most prosperous, most powerful, most expansive, and most imitated part of the world. European empires spanned the globe. European peoples created new societies all across the Americas and as far away as South Africa, Australia, and New Zealand. Their languages were spoken and their Christian religion was widely practiced throughout the Americas and in parts of Asia and Africa. Their businessmen bought, sold, and produced goods around the world. It was among Europeans that the Scientific and Industrial Revolutions first took shape, with enormously powerful intellectual and economic consequences for the entire planet. The quintessentially modern ideas of liberalism, nationalism, feminism, and socialism all bore the imprint of their European origin. By the beginning of the twentieth century, Europeans or peoples of European descent exercised unprecedented influence and control over the earth's many other peoples, a wholly novel experience in human history.

For the rest of the world, growing European dominance posed a common challenge. Despite their many differences, the peoples of Asia, Africa, the Middle East, the Americas, and Pacific Oceania all found themselves confronted by powerful and intrusive Europeans. The impact of this intrusion and how various peoples responded to it—resistance, submission, acceptance, imitation, adaptation—represent critically important threads in the world history of the past five centuries.

REFLECTIONS

What If? Chance and Contingency in World History

Seeking meaning in the stories they tell, historians are inclined to look for deeply rooted or underlying causes for the events they recount. And yet, is it possible that, at least on occasion, historical change derives less from profound and long-term sources than from coincidence, chance, or the decisions of a few that might well have gone another way?

Consider, for example, the problem of explaining the rise of Europe to a position of global power in the modern era. What if the Great Khan Ogoidei had not died in 1241, requiring the Mongol forces then poised for an assault on Germany to return to Mongolia? It is surely possible that Central and Western Europe might have been overrun by Mongol armies as so many other civilizations had been, a prospect that could have drastically altered the trajectory of European history. Or what if the Chinese had decided in 1433 to continue their huge maritime expeditions, creating an empire in the Indian Ocean basin and perhaps moving on to “discover” the Americas and Europe? Such a scenario suggests a wholly different future for world history than the one that in fact occurred. Or what if the forces of the Ottoman Empire had taken the besieged city of Vienna in 1529? Might they then have incorporated even larger parts of Europe into their expanding domain, requiring a halt to Europe’s overseas empire-building enterprise?

None of this necessarily means that the rise of Europe was merely a fluke or an accident of history, but it does raise the issue of “contingency,” the role of unforeseen or small events in the unfolding of the human story. An occasional “what if” approach to history reminds us that alternative possibilities existed in the past and that the only certainty about the future is that we will be surprised.

Chapter Review

What’s the Significance?

Paleolithic persistence, 500–2
 Igbo, 502–3
 Iroquois, 503–4
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 Zheng He, 507–9
 European Renaissance, 510–13
 Ottoman Empire, 516

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 Safavid Empire, 516–18
 Songhay Empire, 518–20
 Timbuktu, 519–20
 Mughal Empire, 521
 Malacca, 521–22
 Aztec Empire, 522–25
 Inca Empire, 526–29

Big Picture Questions

1. Assume for the moment that the Chinese had not ended their maritime voyages in 1433. How might the subsequent development of world history have been different? What value is there in asking this kind of “what if” or counterfactual question?
2. How does this chapter distinguish among the various kinds of societies contained in the world of the fifteenth century? What other ways of categorizing the world’s peoples might work as well or better?
3. What common patterns might you notice across the world of the fifteenth century? And what variations in the historical trajectories of various regions can you identify?

4. **Looking Back:** What would surprise a knowledgeable observer from 500 or 1000 c.e., were he or she to make a global tour in the fifteenth century? What features of that earlier world might still be recognizable?

Next Steps: For Further Study

Terence N. D'Altroy, *The Incas* (2002). A history of the Inca Empire that draws on recent archeological and historical research.

Edward L. Dreyer, *Zheng He: China and the Oceans in the Early Ming Dynasty* (2006). The most recent scholarly account of the Ming dynasty voyages.

Halil Inalcik and Donald Quataert, *An Economic and Social History of the Ottoman Empire, 1300–1914* (1994). A classic study of the Ottoman Empire.

Robin Kirkpatrick, *The European Renaissance, 1400–1600* (2002). A beautifully illustrated history of Renaissance culture as well as the social and economic life of the period.

Charles C. Mann, *1491: New Revelations of the Americas before Columbus* (2005). A review of Western Hemisphere societies and academic debates about their pre-Columbian history.

J. R. McNeill and William H. McNeill, *The Human Web* (2003). A succinct account of the evolving webs or relationships among human societies in world history.

Michael Smith, *The Aztecs* (2003). A history of the Aztec Empire, with an emphasis on the lives of ordinary people.

"Italian Renaissance," <http://www.history.com/topics/italian-renaissance>. A History channel presentation of the European Renaissance, with a number of brief videos.

"Ming Dynasty," http://www.metmuseum.org/toah/hd/ming/hd_ming.htm. A sample of Chinese art from the Ming dynasty from the collection of the Metropolitan Museum of Art.

WORKING WITH EVIDENCE

Islam and Renaissance Europe

The Renaissance era in Europe, roughly 1400 to 1600, represented the crystallization of a new civilization at the western end of Eurasia. In cultural terms, its writers and artists sought to link themselves to the legacy of the pre-Christian Greeks and Romans. But if Europeans were reaching back to their classical past, they were also reaching out—westward to the wholly new world of the Americas, southward to Africa, and eastward to Asia generally and the Islamic world in particular. The European Renaissance, in short, was shaped not only from within but also by its encounters with a wider world.

Interaction with the world of Islam was, of course, nothing new. Centuries of Muslim rule in Spain, the Crusades, and the expansion of the Ottoman Empire were markers in the long relationship of conflict, cooperation, and mutual influence between Christendom and the realm of Islam. Politically, that relationship was changing in the fifteenth century. The Christian reconquest of Spain from Muslim rule was completed by 1492. At the other end of the Mediterranean Sea, the Turkish Ottoman Empire was expanding into the previously Christian regions of the Balkans (southeastern Europe), seizing the ancient capital of the Byzantine Empire, Constantinople, in 1453, while becoming a major player in European international politics. Despite such conflicts, commerce flourished across political and religious divides. European bulk goods such as wool, timber, and glassware, along with silver and gold, were exchanged for high-value luxury goods from the Islamic world or funneled through it from farther east. These included spices, silks, carpets, tapestries, brocades, art objects, precious stones, gold, dyes, and pigments. In 1384, a Christian pilgrim from the Italian city of Florence wrote: “Really all of Christendom could be supplied for a year with the merchandise of Damascus.”²³ And a fifteenth-century Italian nobleman said of Venice: “It seems as if all the world flocks here, and that human beings have concentrated there all their force for trading.”²⁴

The acquisition of such Eastern goods was important for elite Europeans as they sought to delineate and measure their emerging civilization. As that civilization began to take shape in the centuries after 1100 or so, it had drawn extensively on Arab or Muslim learning—in medicine, astronomy, philosophy, architecture, mathematics, business practices, and more. As early as the twelfth century, a Spanish priest and Latin translator of Arab texts wrote, “It

benefits us to imitate the Arabs, for they are as it were our teachers and the pioneers." During the Renaissance centuries as well, according to a recent account, "Europe began to define itself by purchasing and emulating the opulence and cultured sophistication of the cities, merchants, scholars, and empires of the Ottomans, Persians, and the Egyptian Mamluks." That engagement with the Islamic world found various expressions in Renaissance art, as the images that follow illustrate.

The year 1453 marked a watershed in the long relationship between Christendom and the Islamic world, for it was in that year that the Ottoman sultan Mehmed II decisively conquered the great Christian city of Constantinople, bringing the thousand-year history of Byzantium to an inglorious end. To many Europeans, that event was a catastrophe and Mehmed was the "terror of the world." On hearing the news, one Italian bishop, later to become the pope, foresaw a dismal future for both the Church and Western civilization: "Who can doubt that the Turks will vent their wrath upon the churches of God? . . . This will be a second death to Homer and a second destruction of Plato." Others, however, saw opportunity. Less than a year after that event, the northern Italian city of Venice signed a peace treaty with the Ottoman sultan, declaring, "It is our intention to live in peace and friendship with the Turkish emperor." Some even expressed admiration for the conquering Muslim ruler. George of Trebizond, a Greek-speaking Renaissance scholar, described Mehmed as "a wise king and one who philosophizes about the greatest matters."

For his part, Mehmed admired both classical and contemporary European culture, even as his armies threatened European powers. This cosmopolitan emperor employed Italian scholars to read to him from ancient Greek and Roman literature, stocked his library with Western texts, and decorated the walls of his palace with Renaissance-style frescoes. Seeing himself as heir to Roman imperial authority, he now added "Caesar" to his other titles. Although Islam generally prohibited the depiction of human figures, Mehmed's long interest in caricatures and busts and his desire to celebrate his many conquests led him to commission numerous medals by European artists, bearing his image. In 1480, he also had his portrait painted by the leading artist of Venice, Gentile Bellini, who had been sent to the Ottoman court as a cultural ambassador of his city.

Source 12.1 shows Bellini's portrait of the emperor sitting under a marble arch, a symbol of triumph that evokes his dramatic conquest of Constantinople. The three golden crowns on the upper left and right likely represent the lands recently acquired for the Ottoman Empire, and the inscription at the bottom describes Mehmed as "Conqueror of the World." Not long after the painting was made, Mehmed died, and shortly thereafter his son and successor sold it to Venetian merchants to help finance a large mosque complex. Thus the portrait returned to Venice.



National Gallery, London, UK/Bridgeman Images

Source 12.1 Gentile Bellini, Portrait of Mehmed II

- What overall impression of the sultan does this portrait convey?
- Why might this Muslim ruler want his portrait painted by a Christian artist from Venice?
- Why might Bellini and the city government of Venice be willing—even eager—to undertake the assignment, less than thirty years after the Muslim conquest of Constantinople?

- The candelabra decorating the arch were a common feature in Venetian church architecture. Why might the sultan have agreed to this element of Christian symbolism in his portrait?
- What does the episode surrounding this portrait indicate about the relationship of Venice and the Ottoman Empire in the wake of the conquest of Constantinople?

Venice had long been the primary point of commercial contact between Europe and the East and the source of the much-desired luxury goods that its merchants obtained from Alexandria in Egypt. At that time, Muslim Egypt was ruled by the Mamluks, a warrior caste of slave origins, who had checked the westward advance of the Mongols in 1260 and had driven the last of the European Crusaders out of the Middle East in 1291. Venetian traders, however, were more interested in commerce than in religion and by the fifteenth century enjoyed a highly profitable relationship with the Mamluk rulers of Egypt and Syria, despite the periodic opposition of the pope and threats of excommunication. Thus it is not surprising that the Renaissance artists of Venice were prominent among those who reflected the influence of the Islamic world in their work. By the late fifteenth century, something of a fad for oriental themes surfaced in Venetian pictorial art.

Source 12.2, painted by an anonymous Venetian artist in 1511, expresses this intense interest in the Islamic world. The setting is Damascus in Syria, then ruled by the Egyptian Mamluk regime. The local Mamluk governor of the city, seated on a low platform with an elaborate headdress, is receiving an ambassador from Venice, shown in a red robe and standing in front of the governor. Behind him in black robes are other members of the Venetian delegation, while in the foreground various members of Damascus society—both officials and merchants—are distinguished from one another by variations in their turbans. Behind the wall lies the city of Damascus with its famous Umayyad mosque, formerly a Roman temple to Jupiter and later a Christian church, together with its three minarets. The city's lush gardens and its homes with wooden balconies and rooftop terraces complete the picture of urban Islam.

- What impressions of the city and its relationship with Venice does the artist seek to convey?
- How are the various social groups of Damascus distinguished from one another in this painting? What does the very precise visual description of these differences suggest about Venetian understanding of urban Mamluk society?
- What does the total absence of women suggest about their role in the public life of Damascus?



Louvre, Paris, France/Bridgeman Images

Source 12.2 The Venetian Ambassador Visits Damascus

- How would you know that this is a Muslim city? What role, if any, does religion play in this depiction of the relationship between Christian Venice and Islamic Damascus?

Beyond political and commercial relationships, Europeans had long engaged with the Islamic world intellectually as well. Source 12.3 illustrates that engagement in a work by Girolamo da Cremona, a fifteenth-century Italian painter known for his “illuminations” of early printed books. Created in 1483 (only some forty years after the invention of the printing press in Europe), it served as the frontispiece for one of the first printed versions of Aristotle’s writings, translated into Latin, along with commentaries by the twelfth-century Muslim scholar Ibn Rushd, better known in the West as Averroes.

Aristotle, of course, was the great Greek philosopher of the fourth century B.C.E. whose writings presented a systematic and rational view of the world, while commenting on practically every branch of knowledge. The legacy of Greek thought in general and Aristotle in particular passed into both the Christian and Islamic worlds. Ibn Rushd (1126–1198), who wrote voluminous commentaries on Aristotle’s works and much else as well, lived in Muslim Spain, where he argued for the compatibility of Aristotelian philosophy and the religious perspectives of Islam. While that outlook faced growing

Illumination attributed to Girolamo da Cremona and assistants, Venice, 1483/The Pierpont Morgan Library/Art Resource, NY



Source 12.3 Aristotle and Averroes

opposition in the Islamic world, Aristotle's writings found more fertile ground among European scholars in the new universities of the twelfth and thirteenth centuries, where they became the foundation of university curricula and nourished the growth of "natural philosophy." In large measure it was through translations of Ibn Rushd's Arabic commentaries on Aristotle that Europeans regained access to the thinking of that ancient philosopher. A long line of European scholars defined themselves as "Averroists."

The painting in Source 12.3 is presented as a parchment leaf, torn to disclose two worlds behind Aristotle's text. At the top in a rural setting, Aristotle, dressed in a blue robe, is speaking to Ibn Rushd, clad in a yellow robe with a round white turban. The bottom of the painting depicts the world of classical Greek mythology. The painted jewels, gems, and pearls testify to the great value placed on such illuminated and printed texts.

- What might the possession of such a book say about the social status, tastes, and outlook of its owner?
- What overall impression of Renaissance thinking about the classical world and the world of Islam does this painting convey?
- Notice the gestures of the two men at the top as well as the pen in Ibn Rushd's hand and the book at his feet. How might you describe the relationship between them?
- What made it possible for at least some European Christians of the Renaissance era to embrace both the pagan Aristotle and the Islamic Ibn Rushd?

Despite the fluid relationship of Renaissance Europe with the world of Islam, the Ottoman Empire, apparently expanding inexorably, was a growing threat to Christian Europe, and Islam was a false religion to many Christians. Those themes too found expression in the art of the Renaissance. Source 12.4 provides an example. Painted during the first decade of the sixteenth century by the Venetian artist Vittore Carpaccio, it reflects the popular "orientalist" style with its elaborate and exotic depiction of Eastern settings, buildings, and costumes. This particular painting was part of a series illustrating the life of Saint George, a legendary soldier-saint who rescued a Libyan princess, slew the dragon about to devour her, and by his courageous example converted a large number of pagans to Christianity. Earlier paintings in this series portrayed the killing of the dragon, while this one shows the conversion of the infidels to the "true faith."

The setting for Source 12.4 is Muslim-ruled Jerusalem, where the action focuses on Saint George, on the right, baptizing a bareheaded Muslim ruler and a woman (perhaps his wife). Several others await their turns below the steps, while a group of Mamluk musicians play in honor of the occasion.

By Vittore Carpaccio (ca. 1460–1523), 1501–1507/Scuola di San Giorgio degli Schiavoni, Venice, Italy/Giraudon/Heritage Images



Source 12.4 Saint George Baptizes the Pagans of Jerusalem

- What posture toward the Islamic world does this painting represent? Does it convey resistance to Ottoman expansion, or does it hold out the hope for the peaceful conversion of that powerful empire?
- What is the significance of the large Ottoman turban at the foot of the steps?
- Why might the legend of Saint George provide a potent symbol for European interaction with the Islamic world in the circumstances of the early sixteenth century?
- Compare this urban scene with that of Source 12.2. What common features do you notice? Apart from any religious meanings, what do these paintings suggest about Venetian interests in the Islamic world?

An even more vitriolic anti-Muslim sensibility had long circulated in Europe, based on the fear of Islamic power, the distortions growing out of

the Crusades, and the perception of religious heresy. In the early fourteenth century, the Italian poet Dante, author of *The Divine Comedy*, placed Muhammad in the eighth circle of Hell, where the “sowers of discord” were punished and mutilated. To many Christians, Muhammad was a “false prophet,” sometimes portrayed as drunk. Protestants such as Martin Luther on occasion equated their great enemy, the pope, with the Muslim “Turk,” both of them leading people away from authentic religion.

The most infamous Renaissance example of hostility to Islam as a religion is displayed in Source 12.5, a fresco by the Italian artist Giovanni da Modena, painted on a church wall in the northern Italian city of Bologna in 1415. It was a small part of a much larger depiction of Hell, featuring a gigantic image of Satan devouring and excreting the damned, while many others endured horrific punishments. Among them was Muhammad—naked, bound to a rock, and tortured by a winged demon with long horns. It reflected common understandings of Muhammad as a religious heretic, a false prophet, and even the anti-Christ and therefore “hell-bound.”



Detail, from the Bolognini Chapel, San Piero, Bologna, Italy/Scala/Art Resource, NY

Source 12.5 Giovanni da Modena, Muhammad in Hell

- How does this fresco depict Hell? What does the larger context of the fresco as a whole suggest about Modena's view of Muhammad?
- How does this image differ from that of Source 12.4, particularly in its posture toward Islam?
- Italian Muslims have long objected to this image, noting that Islam portrays Jesus in a very positive light. In 2002 a radical group linked to al-Qaeda plotted unsuccessfully to blow up the church that housed this image in order to destroy the offending portrayal of their prophet. What particular objections do you imagine motivated Muslim opposition to this element of the fresco?

DOING HISTORY

Islam and Renaissance Europe

1. **Making comparisons:** What range of postures toward the Islamic world do these images convey? How might you account for the differences among them?
2. **Imagining reactions:** How might the artists who created the first four images respond to Source 12.5?
3. **Examining the content of visual sources:** While all of these images deal with the Islamic world, with what different aspects of that world are they concerned?
4. **Considering art and society:** In what ways were these images shaped by the concrete political, economic, and cultural conditions of Renaissance Europe? What role did the Islamic world play in the emerging identity of European civilization?

Multiple-Choice Questions

For questions 1–3, use the map on page 350 of this text to answer the following questions.

1. According to the map, where did Buddhism originate?
 - a. In southern India
 - b. Near the Ganges River in northeastern India
 - c. In China
 - d. Along the Silk Roads
2. According to the map, what may have delayed the spread of Buddhism into Tibet centuries after it spread to other regions?
 - a. The people of Tibet were resistant to Buddhist teachings.
 - b. The Himalayas and Taklamakan Desert were natural barriers to exchanges into Tibet.
 - c. Buddhist monks were not interested in spreading Buddhism into Tibet.
 - d. Political strife between Tibet and India made cultural exchanges impossible.
3. According to the map, why did Buddhism spread in the directions and time frame indicated?
 - a. Buddhism spread in random patterns.
 - b. Buddhism spread along established land and sea exchange routes.
 - c. Buddhism spread as millions of Indians migrated throughout Asia.
 - d. Buddhism spread farther west than it did to the east or south.

Short-Answer Question

4. Answer parts A, B, and C.
 - A. Identify ONE political, social, or economic factor that fostered changes in East Africa in the period 600–1450.
 - B. Briefly explain ONE change in East Africa that resulted from the factor that you indicated in part A.
 - C. Briefly explain ANOTHER change in East Africa that resulted from the factor that you indicated in part A.

Document-Based Question

Directions: Question 5 refers to the following documents. You will likely need to flip back and forth between these documents to answer the question adequately. Use scrap pieces of paper or sticky notes to tab these documents. When answering the question, refer to the “Advice for Responding to a DBQ” on the inside of the back cover.

5. Using the following documents from this textbook and your knowledge of world history, analyze relationships between religion and politics in Afro-Eurasia in the postclassical era (c. 600–c. 1450 C.E.).

| DOCUMENT | PAGE | DOCUMENT NAME |
|----------|--------|--|
| 1 | 314 | Xuanzang, “On Buddhist Studies” |
| 2 | 320 | Leo Africanus, “The Kingdom of Borno” |
| 3 | 404 | The Battle at Badr |
| 4 | 408 | Charlemagne |
| 5 | 449–50 | Gregory of Tours, <i>History of the Franks</i> |
| 6 | 452 | Charlemagne, <i>Capitulary on Saxony</i> |
| 7 | 494–95 | <i>The Chronicle of Novgorod</i> |

Long-Essay Question

When answering the following question, refer to the “Advice for Responding to an LEQ” on the inside of the back cover.

6. In ONE of the following regions, analyze the effects of pastoral groups in the period 600 to 1450.
- Central Asia
 - East Asia
 - Southwest Asia