

1. This work, in the collection of the Vatican since its excavation in Rome in 1506, has been assumed by many art historians to be the original version, although others argue that it is a brilliant copy commissioned by an admiring Roman patron. Pergamene artists very likely inspired the work of Hagesandros, Polydoros, and Athanadoros, three sculptors on the island of Rhodes named by Pliny the Elder as the creators of the original work. FTP, identify this marble sculpture depicting a priest and his sons being attacked by serpents sent by Apollo, for voicing suspicions of the Trojan Horse.

Answer: The Laocoon Group or Laocoon and His Sons

2. John Ashberry's first published collection of poems, and Bertolt Brecht's last unfinished play both share this name. By far the most famous work of this name, however, was also left unfinished in 1924, although it was based on a complete work by Carlo Gozzi. Franco Alfano's completion is now standard, although at its premiere, Arturo Toscanini stopped conducting at the point Puccini had reached before dying. FTP, name this opera about Calaf's victory in the contest for the hand of the title princess.

ANSWER: Turandot

3. Situated on the on the Isar River, its Neues Rathaus in its Marienplatz boasts a world famous glockenspiel. The Christkindlmarkt, an annual Christmas fair, is also world-famous, as are other fests. Just to the north lies Dachau. Some of its famous beer labels include Augustiner, Paulaner, Hofbrau, and Lowenbrau. FTP name this city, the capital of Bavaria, and host of one of the most famous annual Oktoberfests.

Answer: Munich (München)

4. They are still used today in some satellites guitar amplifiers and microwave ovens. However, their original use was for the investigation of electrical phenomena, with examples including the tetrode, pentode, and thyratron. They were largely made obsolete with the invention of the transistor. FTP, name these electronic components intimately associated with the early days of computing.

Answer: vacuum tubes

5. In 1897, Emile Durkheim noted that this is less frequent in a culture where individuals are part of a group whole, meaning that the division of labor would lead to an increase in it. Islam, Christianity, and Judaism condemn it. In Japanese literature, lovers sometimes enter into shinju and do it together. FTP, name this act, the end of artists like Rothko and writers like Sylvia Plath.

Answer: suicide (accept non-specific equivalents)

6. One of his lesser-known works is the 1506 verse drama Tirsi, but he himself was an Italian diplomat and writer who held a number of posts in the great courts of Italy and Spain. He used his observations of courtly life to create his major work, a book of aristocratic etiquette which also serves as a firsthand source of 16th-century social and intellectual history. FTP, name this man, who penned The Courtier.

Answer: Baldassare Conte Castiglione

7. Oil doesn't mix with water because it cannot form these associations with water. They typically have an energy of about 5 kilocalories/mole, and in biology are used to make protein secondary structures and DNA base pairs. FTP, identify this type of non-covalent interaction, most commonly seen when a hydrogen atom in water is shared by two oxygens.

Answer: Hydrogen Bond

8. It runs for 73 miles, and the original plan was for it to be 10 feet wide and 12 feet tall, with a tower every 1/3 mile, a fortlet and gate every mile, and a large fort every 7 miles. It was fronted by a ditch and supported from behind by earthworks called a vallum. It was begun in 122 AD, and served to keep marauding barbarians from the North away from the rich cities and agricultural lands of the south. FTP, name this Romano-British fortification.

Answer: Hadrian's Wall

9. Born as a commoner near the ancient city of Memphis, he rose to become an influential official, scholar, sculptor, and carpenter in the royal court. A high priest of Heliopolis, he was later venerated as a god and was also one of the very few named architects of ancient Egypt. FTP, name this man, who is given credit for the construction of the Step Pyramid of King Zoser at Sakkara, the earliest of all Egyptian pyramids.

Answer: Imhotep

10. In C4 plants, they lose water during the day, remaining in a relaxed position. When they take in water, which occurs during the day in C3 plants, the thinner interior portion of their cell wall bends, while the thicker outer portion remains rigid, and they are forced into the open position. FTP, name these bean-shaped cells which govern the opening of the stomata in plant leaves.

Answer: Guard Cells

11. This Japanese-born author's family emigrated to Great Britain in 1960, when he was 6 years old. His first two books, *A Pale View of the Hills* and *An Artist of the Floating World*, focused on Japanese characters and settings. His most famous novel would have nothing to do with Japan though, but rather with a perfect British butler, Stevens, and his emotional reserve and icy formality in the face of love. FTP, name this author of *The Remains of the Day*.

Answer: Kazuo Ishiguro (kah-zoo-oh ish-ee-goo-roh)

12. This novel was so successful that it spawned a sequel: *The Road Back*. Lew Ayres played Paul and Louis Wolheim played Katzinsky in the 1930 film version. Using the terse, routine language of communiqués to emphasize the dehumanizing nature of trench warfare, this novel aroused the ire of many German nationalists after its first publication in 1928. FTP, identify this famous anti-war novel written by Erich Maria Remarque.

Answer: All Quiet on the Western Front

13. Robert Gutherman and Amy Wall regained their hearing apparently through the intercession of this nun. In her 96 years, she had founded the Sisters of the Blessed Sacrament and spent \$20 million of her family's wealth to educate Indian and African American children at the turn of the century. FTP, name this woman, whose canonization later this year will make her the fourth U.S. saint.

Answer: Mother Katherine Drexel

14. His wife Lurleen became the nation's 3rd female governor in 1966. Arthur Bremer paralyzed him in 1972 and put an end to his presidential aspirations. He served as Alabama's assistant state attorney and in its state legislature before rising to political prominence as governor in 1962. FTP, name this late man who once proclaimed in 1963, "Segregation now, segregation tomorrow, segregation forever!"

Answer: George Wallace

15. At first a poet and novelist, he made an impact on American literature only after turning to drama in the late 1950's. His one act plays like *The Zoo Story* and *The American Dream* established his reputation as a sharp critic of American values, but it was full length productions like *Tiny Alice* and the Pulitzer Prize winning *Three Tall Women* that made him famous. FTP, identify they author of *Who's Afraid of Virginia Woolf?*

Answer: Edward Albee

16. He once called the U.S. Constitution an "agreement with Death and a covenant with Hell." An anti-abolitionist mob once dragged him through the streets of Boston by his neck. Early in his life, he published temperance newspapers, but a job with Benjamin Lundy brought him into anti-slavery circles. FTP, name this crusader who in turn mentored Frederick Douglas while publishing his own newspaper *The Liberator*.

ANSWER: William Lloyd Garrison

17. Supporters cite how living things participate in the carbon and sulfur cycles as tentative proof of this theory. Supporters of this concept like James E. Lovelock and Lynn Margulis intimate that the Earth's living matter, air, oceans, and land surface form a complex system which can be seen as a single organism that maintains its own homeostasis. FTP, identify this hypothesis named after the Greek goddess of the Earth..

ANSWER: The Gaia Hypothesis

18. This hard and brittle silver-white metal is very dense and rare and used in platinum alloys. The extraterrestrial impact hypothesis concerning dinosaur extinction is based on findings of anomalously high concentrations of this substance at the geological boundary between the Cretaceous and Tertiary periods. For 10 points, what is the name of this Group VIII element with the abbreviation Ir?

Answer: Iridium

19. Zakat means giving to the poor and needy. Shahadah is the profession of faith. Salat means ritual prayer performed in a prescribed manner five times a day. Sawm is fasting during the month of Ramadan and the hajj is the required major pilgrimage to Mecca. FTP, these five duties make up what set of Muslim principles as outlined in the Koran?

ANSWER: The Five Pillars of Islam (accept reasonable equivalents)

20. He is the Sterling Professor of Humanities at Yale University and the Berg Professor of English at New York University. He is a vocal critic of, among other things, feminist, multiculturalist, and Marxist scholarship. One of his works, *The Western Canon*, places Shakespeare as the writer without precursors and the one who set future literary trends. FTP, name this teacher whom many consider the foremost authority on Shakespeare.

ANSWER: Harold Bloom

21. This small state in northeast Africa is bounded by Ethiopia and Somalia. It received its independence from France in 1977 and had a seat on the UN Security Council in the second half of 1998. FTP, name this funny-sounding country, which shares its name with its capitol.

Answer: Djibouti