

Tossups

1. After studying medicine, he became his country's director of National Public Health Service and later the Minister of Health and Labor. A promoter of Black Nationalism and an opponent of the military government of Paul Magloire, he became the president of his country in 1957 and ruled until his death in 1971. FTP, who was this man, the creator of the dreaded civilian militia *Tonton Macoute*, nicknamed Papa Doc?

Answer: François Duvalier or Papa Doc Duvalier

2. This play's title character is the father of the main character. While Poins, Gadshill, and Peto join the bandit of fake robbers, Mistress Quickly and Kate Percy prove to be formidable and strong-mouthed women. Also in the play, Douglas kills Blunt, the Prince redeems himself to his father and kills Hotspur, and a notoriously fat man plays dead to protect himself. FTP, what is this play, a fictionalized history of the education of Hal, the future King of England?

Answer: 1 Henry IV or Henry IV, part one

3. Scaled up considerably from an original 9-foot model, it is now set atop a granite and concrete pedestal that cost more money than the statue itself. Originally slated to be placed by the Suez Canal, its surface sheets of copper were sculpted, dissembled, then re-assembled in the 1880s. With an iron and steel framework engineered by Gustave Eiffel, FTP, what is this 152-foot-tall statue, sculpted by Frédéric Auguste Bartholdi?

Answer: The Statue of Liberty or Liberty Enlightening the World

4. It consists of 26 small parts. Six of them are "centers" which can only move in place. The eight corners and twelve edges can all shift positions. There are about 4.3 times 10 to the 22nd combinations, but only one possible way of getting all six faces to form a different color. Patented in 1975, FTP, what is this mathematical puzzle, named after its Hungarian inventor?

Answer: [Ernő] Rubik's Cube

5. Quotations from folksongs are used extensively in this work, especially in the section, "Dances of the Young Girls and Boys." Utilizing such techniques as bitonality, polymeter, and dissonance, the performance of this musical composition marked the opening of the Théâtre des Champs-Élysées in Paris. FTP, identify this ballet whose theme of human sacrifice set off a riot in its premiere, choreographed by Vaslav Nijinsky and composed by Igor Stravinsky.

Answer: The Rite of Spring or Le sacre du printemps

6. In June of 1999, shortly after divorcing Anna, his wife of 32 years, this 68-year-old business giant married Wendi Deng, a 32-year-old former Asian TV executive. This mogul of a "self-sufficient global media conglomerate" owns satellite-TV operas, cable channels, and broadcast outlets across five continents. He also owns the Los Angeles Dodgers. Hailing from Australia, FTP, who is this CEO of News Corp. and Fox Group?

Answer: Rupert Murdoch

7. This medical technology originated in the 1970s and today it can generate detailed, multicolor images. It is used in radiotherapy treatment for precise action on small target areas in the patient. The machine rotates around the patient to make a series of pictures that are then reconstructed by computer to represent a "slice" of the patient. FTP, what is this medical technology using computers and X-rays?

Answer: Computerized Axial Tomography Scan or CT Scan (do *not* accept "MRI")

8. Prior to Alfred Adler, this psychologist invented the term "complex" to refer to a cluster of negatively charged emotional associations. He also developed new classifications of personality types such as "introverts" and "extroverts," but he is most famous for combining a theory of archetypes with the idea that the deepest level of personality was an inherited part of the unconscious mind found in all members of a race or species. FTP, name this Swiss psychologist who coined the term "collective unconscious."

Answer: Carl Gustav Jung

9. They are most effective when an acid and its conjugate base are present in approximately equal amounts. Some examples of these special types of chemical solutions include acetate for pH 4-5, carbonate for pH 6-8, and ammonia for pH 9-10. Biological systems are particularly dependent upon them to maintain constant pH values. FTP, what are these solutions whose pH is not greatly affected by small additions of strong acids or bases?

Answer: buffers

10. Until 1868, no woman was allowed to climb this 12,388-foot peak, snowcapped from October to May. With a nearly perfect cone, this dormant volcano last erupted on record in 1707. Sacred since ancient times, FTP, what is this volcano located in the Chubu region of Honshu?

Answer: Mount Fuji or Fujiyama or Fujisan

11. This movement indirectly questioned traditional authority, pushed for democracy, and led to the establishment of such colleges as Rutgers, Brown, and Princeton. It saw a split between the Old Lights and the New Lights and a schism in the Congregationalist and Presbyterian churches. FTP, Identify this revival of religion during the 1730s and 40s in which orators like George Whitefield and Jonathan Edwards gave emotional and captivating sermons.

Answer: the first Great Awakening

12. This effect results from the fact that the lowest energy state is not always the same in two reference frames related by a Bogoliubov transformation. Consequently, the vacuum in one reference frame can correspond to a state with a particle and an anti-particle in another, and this results in the emission of a tiny amount of radiation from black holes. FTP, name this effect proposed in 1974 by the current Lucasian professor at Cambridge.

Answer: Hawking effect (or Hawking radiation)

13. Of German and Chippewa descent, this American author is a member of the Turtle Mountain Band of Ojibwa. She wrote such books as *The Bingo Palace*, *Tracks*, and *Tales of Burning Love*. In a series of vignettes, she tells the story of the Kashpaw and Lamartine families in the novel *Love Medicine*. FTP, who is this contemporary author of *The Antelope Wife* and *The Beet Queen*?

Answer: Louise Erdrich

14. Built on an octagonal plan, this shrine was surmounted by a gilded wooden copula. Completed in 691 CE on Mount Moriah, it is, according to tradition, where Abraham prepared to sacrifice Isaac and Mohammed ascended to heaven. FTP, what is this holy edifice in Jerusalem, sacred to both Islam and Christianity?

Answer: Dome of the Rock

15. This country's strategic geographical position led its people to call it "a shrimp among whales." From 1392 until 1910, it was ruled by the Chosŏn dynasty under the Yi family. The 1876 Treaty of Kanghai brought it out of the exclusive sphere of Chinese influence. Poor social conditions and discontent over foreign influence led to its Tonghak Rebellion in 1894. Ruled by Japan from 1910 to 1945, FTP, what is this now-divided peninsular country?

Answer: Korea

16. Studies indicate that 4 out of 5 sufferers of this disorder are women. Fortunately, this medical condition is normally benign and lessens in severity and frequency with age. It can be accompanied by vomiting and a disturbance of vision by bright streaks of light. Lasting for a few hours at a time, it is caused by ingested substances that constrict blood vessels. FTP, the difference between the constriction and dilatation of arterioles in the brain causes what recurrent, usually one-sided condition?

Answer: migraine headaches

17. "If all bodies were embalmed every man might be his own statue." So wrote this philosopher in *Auto-Icon, or the Uses of the Dead to the Living*. Indeed, as a firm believer in the doctrine of usefulness, he bequeathed his own dead body to University College for medical research. His body is now preserved and placed in a glass case. FTP, identify this British philosopher who believed that good consists in creating "The greatest happiness for the greatest number of people."

Answer: Jeremy Bentham

18. When he was 14, his mother sent him to study at the theological academy in Tiflis. A scholarship recipient, he left the academy five years later due to ill health, but he would always claim that he was expelled for preaching Marxism. Nicknamed "The Red Priest," FTP, who was this revolutionary with an image-making alias meaning "man of steel"?

Answer: Joseph Stalin or Joseph Vissarionovich Dzhughashvili

19. "Hang on, Voltaire." "This party's dead, anyway." "Anaheim . . ." "He's the guy, behind the guy, behind the guy." These are some of the memorable lines from a movie about two Los Angeles buddies—Mike and Trent—taking a trip to Las Vegas and roaming about the Hollywood night scene in an effort to score babes—not "skanks." Directed by Doug Liman, FTP, what is this 1996 movie, whose most enduring lines are "You are so money" and "Vegas baby, Vegas!"?

Answer: Swingers

20. This leader called on the U.S. and Great Britain for support both during the "Black September" Civil War of 1970 and in 1958, after his cousin, Faisal II, was killed. During the Gulf War, an air and sea blockade on his country resulted from his choice to support Iraq. FTP, name this man who, after 45 years on the throne, died on February 7 in Amman.

Answer: King ibn Talal Hussein

21. It got its special name after Jack McCall shot and killed a man in a saloon at Deadwood in the Dakota Territory. Consisting of the Queen of Hearts, the two black eights, and the two black aces, FTP, what name is given to the last poker hand played by Wild Bill Hickok?

Answer: Dead Man's Hand

22. According to AE Housman's poem, "Terence, This Is Stupid Stuff," this person "died old." In 63 BCE, he was trying to avoid capture by the Romans. When he was surrounded, he tried to kill himself by taking poison, but failed, so he was forced to order a slave to kill him with a sword. FTP, identify this King of Asia Minor who acquired an immunity to poison by taking small doses of poison throughout his life.

Answer: King Mithridates VI of Pontus

23. In nature, this phenomenon serves many functions, such as signaling during courtship rituals, deterring predators, or locating prey. It is displayed by some bacteria, fungi, algae, and animals like deep-sea fishes and squid. FTP, what is this biological characteristic of certain organisms, most notably, the firefly?

Answer: bioluminescence (prompt on similar answers)

If you have heard the audio tossup, stop. If you have not, read #24.

24. A crowd cheers in anticipation of the leader, who finally enters the stage without a head in this author's short play, *The Leader*, and a professor uses an absurdly logical language as an instrument to rape and kill his student in *The Lesson*. FTP, who was this author of the short story collection, "The Colonel's Photograph," a proponent of Theater of the Absurd whose best works are *Rhinoceros* and *The Bald Soprano*?

Answer: Eugene Ionesco (accept *The Leader* on an early buzz)