

Tossups

1. His first published collection was *The Wanderings of Oisín*, which contained stories about the son of Finn Mac Cool based on the poetry of Sir Samuel Ferguson. One famous work of his tells of the fifty-nine animals on an estate owned by his friend Lady Gregory, while another includes the line “Things fall apart; the centre cannot hold.” FTP, name this Irish author who wrote the poems “The Wild Swans at Coole” and “The Second Coming.”

Answer: William Butler Yeats

2. In some biologically simpler animals, its cells resemble those of photoreceptors, and in many animals, it controls hibernation and regulates circadian rhythm. In humans, the hormone it produces has only a weak effect on modulating sleep cycles. It was once considered a vestigial remnant of a larger organ, while Descartes called it “the seat of the soul.” FTP, name this small endocrine gland of the brain that produces melatonin.

Answer: Pineal Gland or Epiphysis Cerebri

3. The events of it were set in motion when William Howe decided to attack Philadelphia instead of going north as planned. It actually consisted of two distinct engagements, one at Bemis Heights on October 7, and an earlier one at Freeman’s Farm on September 19. These engagements saw Horatio Gates and Benedict Arnold repulse British troops and force the surrender of John Burgoyne. FTP, name this 1777 battle in New York considered to be a turning point in the U.S. Revolutionary War.

Answer: Battle of Saratoga

4. This woman refused to marry after the death of Meleager, who had killed two centaurs that attacked her during the Calydonian Boar hunt, where she made the first hit. The mother of Parthenopaeus, one of the Seven Against Thebes, her ultimate fate was to be turned into a lion for making love with her husband in Zeus’ temple. FTP, name this Greek huntress who married Hippomenes after he used golden apples to distract her and beat her in a race.

Answer: Atalanta

5. He published under the pseudonym Alcofribas Nasier because of condemnation his books received by leaders of the Catholic Church and the Sorbonne. This author’s third book focuses on whether the main character’s friend Panurge ought to get married, while the first includes the narrator’s discovery of a nation living among a giant’s teeth. FTP, name this French author of a series of satirical novels about Gargantua and Pantagruel.

Answer: François Rabelais

6. After an interruption caused by the invasion of the Pashtun king Sher Shah Suri, this empire returned to power in 1555 when Humayun retook his capital, only to die six months later and leave it to his 13-year-old son. That son became one of its most famous emperors, winning the Second Battle of Panipat and moving the capital to Agra, while another of its leaders built a famous tomb there for his wife Mumtaz. FTP, name this Indian empire renowned for its architecture, which featured rulers like Akbar the Great and Shah Jahan and was founded by Babur.

Answer: Mughal [or Mogul] Empire

7. Its existence was first discovered by Democritus, and William Herschel was the first to describe its shape and position. It contains as many as 400 billion stars, and until recently, it was thought to be orbited by the Large and Small Magellanic Clouds. At its center is Sagittarius A-star, thought to be a massive black hole. Named for the band of white light in the night sky, FTP, what is this barred spiral galaxy which is home to Earth?

Answer: Milky Way Galaxy

8. In the earliest versions of this work, the last twelve verses are missing such that it ends with the Greek word for 'because,' a grammatically unusual technique. It contains the parable of the growing seed, but it does not contain any information about Jesus prior to his baptism. Recent scholarship places it as the first gospel written and a source for two of the later ones, though the Church traditionally considered it to be the second Gospel. FTP, name this shortest Gospel, attributed to a companion of St. Peter.

Answer: The Gospel of Mark

9. He published an early compilation of various authors in *Seashell Game*, and he espoused his beliefs in *Records of a Travel-worn Satchel*. Known by the pen name Sobo or the samurai title Munefusa, a banana tree by his hut provided his most common name. He was recognized by his contemporaries for work in the collaborative renga form, but today he is recognized for a different poetic form used in his work *Narrow Road to the Deep North*. FTP, name this seventeenth-century Japanese poet and master of haiku.

Answer: Matsuo Basho (accept Matsuo Munefusa early)

10. In one scene, the landlord Benoit is cheated out of his rent money by the four renters, and later they have their bill charged to the minister Alcindoro. Adapted from a story by Henri Murger, it tells of the relationships between Musetta and Marcello, and between Rodolfo and Mimi, who succumbs to consumption. FTP, name this opera by Giacomo Puccini about the artistic subculture of Paris, also the inspiration for the musical *Rent*.

Answer: La Bohème

11. It has one stable isotope, 59, and 22 radioisotopes, including 60, which is used in radiotherapy and as a gamma ray source. The central metal ion of vitamin B12, it was isolated by George Brandt in 1735, who showed that it was this and not bismuth which has long been used in pigments to make a namesake blue color. Named for the German word meaning goblin, FTP, identify this chemical element with atomic number 27 and symbol Co.

Answer: Cobalt

12. He attended a university named after an early relative, where he led the Cougars to an eighth-straight Western Athletic Conference title in his senior year. From there, he played two years each with the Los Angeles Express of the USFL and the Tampa Bay Buccaneers, before getting traded to serve as a backup to Joe Montana. FTP, name this former San Francisco Forty-Niner, the first left-handed quarterback in the Hall of Fame.

Answer: Jon Steven "Steve" Young

13. Beat out for both the Nebula Award and Hugo Award by *The Left Hand of Darkness* when it was first published, its two subtitles are *A Duty-Dance with Death* and *The Children's Crusade*. The main character has become "unstuck in time," jumping between his home in Ilium, New York, the planet Tralfamadore, and the fire-bombing of Dresden. FTP, name this novel about Billy Pilgrim, written by Kurt Vonnegut.

Answer: Slaughterhouse-Five

14. Delegates from the 45 Allied nations to this conference recognized the need for an International Trade Organization, but it was subsequently blocked by the U.S. Congress and replaced by the General Agreement on Tariffs and Trade. FTP, name this conference at the namesake New Hampshire town that created the World Bank and International Monetary Fund.

Answer: **Bretton Woods** Conference (or **United Nations Monetary and Financial** Conference)

15. In this work, the author uses four different pseudonyms, including Victor Eremita and Judge Vilhelm. Eremita is said to have found the first volume, which includes crop rotation and the first love in its depiction of the aesthetic phase of existence. The second volume contains Judge Vilhelm's letters about the ethical stage of life. Based on the conflict between the two phases, this is, FTP, what dualistic work of Soren Kierkegaard.

Answer: **Either/Or** or **Enten-Eller**

16. It is home to the Taupo volcano, the site of the largest volcanic explosion in the last 70,000 years. Natives called it Aotearoa, meaning Land of the Long White Cloud, but the Dutch renamed it Staten Landt. Its highest peak is Mount Cook, in the Southern Alps range on one of its islands, which is also home to the cities of Dunedin and Christchurch. FTP, name this Pacific country whose land area mostly consists of North Island and South Island, whose capital is Wellington and largest city is Auckland.

Answer: **New Zealand**

17. There is a legend that his minstrel Blondel travelled between the castles of Europe singing a song that only this man knew, to find where he was imprisoned. He besieged Messina on his way to victories at Acre and Arsuf during the Third Crusade, and spent his later years warring against French king Philip II. Married to Berangaria of Navarre, he produced no legitimate heir, so his brother John succeeded him to the throne in 1199. The son of Eleanor of Aquitaine and Henry II, FTP, name this "lion-hearted" English king.

Answer: **Richard I** (accept **Richard the Lion-Hearted** or **Richard Coeur de Lion** early)

18. At very high temperatures and pressures, they can form a namesake plasma with the particles that mediate their interactions, which at close distances show asymptotic freedom. Called aces by George Zweig, they were proposed as the basis of the Eightfold Way by Murray Gell-Mann. Quantum chromodynamics governs their exchange of gluons, and they come in six flavors, which include charm and strange, as well as top and bottom. FTP, name these basic constituents of matter that make up protons and neutrons.

Answer: **Quarks**

19. The Myers-Briggs personality test is based on his theories, particularly his four functions for dealing with the inner and outer worlds, expressed in his work *Psychological Types*. He described the female aspect present in men and vice versa as the anima and animus, and he called a person's public image their persona. A one-time collaborator with Freud and founder of analytical psychology, FTP name this man best known for proposing the presence of archetypes within the collective unconscious.

Answer: Carl **Jung**

20. One of his patrons was Cardinal Richelieu, who ordered him to return to France to serve as court painter for Louis XIII. His followers believed in the primacy of line in painting, engaging in a long debate with the followers of Peter Paul Rubens. His most famous paintings include a mysterious depiction of three shepherds around a tomb, as well as one of early Romans abducting wives. FTP, name this French artist of *Et in Arcadia Ego* and *The Rape of the Sabine Women*.

Answer: Nicolas **Poussin**

21. The novel *Oscar and Lucinda* chronicles the attempt to transport a glass church across this country, which is also the setting of the Thomas Keneally novel *The Chant of Jimmie Blacksmith*. David Williamson was born in this country, which is depicted in the poem "Waltzing Matilda." This country's only Literature Nobel Prize winner is Patrick White, who wrote *Voss*, which chronicles a man who disappeared on an expedition into the Outback. FTP, name this country, also the setting of another Peter Carey work, *30 Days in Sydney*.

Answer: **Australia**

Bonuses

1. FTPE, name these kings of Spain.

This king of Aragon united the kingdom with his marriage to Isabella I of Castile.

Answer: **Ferdinand II** or **Fernando II** or V

This Hapsburg Holy Roman Emperor ruled most of Europe, including Spain, until he abdicated in 1556.

Answer: **Charles I** (or **Carlos I**) of Spain; or Holy Roman Emperor **Charles V**

This current king has held office since the restoration of the monarchy following the death of Francisco Franco.

Answer: **Juan Carlos I**

2. FTPE, answer these questions about a branch of physics.

This is the general field that studies the effect of changes in temperature, volume, and pressure.

Answer: **Thermodynamics**

This law of thermodynamics states that if two systems are separately in thermal equilibrium with a third, they are also in thermal equilibrium with each other.

Answer: **Zeroth** Law of Thermodynamics

This law of thermodynamics says that the entropy of a crystalline substance at absolute zero is equal to zero.

Answer: **Third** Law of Thermodynamics

3. FTPE, name these Jewish American authors of the 20th century.

His most autobiographical work is said to be *Herzog*, and he is also known for works like *Henderson the Rain King* and *The Adventures of Augie March*.

Answer: Saul **Bellow**

This author wrote about the threat of Nazism in *The Plot Against America*, and about his alter-ego Nathan Zuckerman in *American Pastoral* and *The Human Stain*.

Answer: Philip **Roth**

A Marxist activist early in her life, she is more famous for writing about the role of women in *The Feminine Mystique*.

Answer: Betty **Friedan**

4. FTPE, name these Egyptian gods given a description of their heads and what they controlled.

This jackal-headed god of the dead and guide to the underworld was associated with embalming.

Answer: **Anubis** or **Anpu**

This ibis-headed god has been associated with writing and judging the dead.

Answer: **Thoth**

Wearing a pharaoh's crown and the sun disk on his head, this god was, unsurprisingly, the sun god, and was sometimes conflated with Amun.

Answer: **Ra** or **Re**

5. FTPE, answer the following about the presidency of James K. Polk.

Polk purchased 525,000 square miles from Mexico through this 1848 peace treaty, ending the Mexican-American War.

Answer: Treaty of **Guadalupe Hidalgo**

This complex of museums and research institutes in Washington, D.C. was established by Polk in 1846.

Answer: The **Smithsonian** Institute

Polk agreed to a border for the Oregon Territory at the 49th Parallel, despite cries of this slogan from expansionists.

Answer: **"Fifty-Four Forty or Fight"** (prompt on partial response)

6. FTPE, answer the following about important discoveries of human ancestors.

This skeleton of *Australopithecus afarensis* was discovered in Ethiopia in 1974 and named after a Beatles song.

Answer: **Lucy**

This first-known *Homo erectus* was found in 1891 on the banks of the Bengawan Solo River in Indonesia.

Answer: **Java Man**

This most recent human ancestor was first discovered in a namesake valley of Germany, and new evidence suggests that they had a gene allowing them to develop language.

Answer: **Neanderthal** or **Homo Neanderthalensis**

7. FTPE, answer the following about a Latin American author.

This woman, cousin of Chile's president from 1970 to 1973, is known for works like *The House of the Spirits* and *Daughter of Fortune*.

Answer: Isabel **Allende**

This woman, the title character of two Allende novels, was a poor orphan before taking advantage of her storytelling abilities.

Answer: **Eva Luna**

One of Allende's most recent novels is a magical realist retelling of the story of this black-clad crime fighter, whose real name is Don Diego de la Vega.

Answer: **Zorro**

8. Pencil and paper ready, 15 seconds per part. Consider a roll of two standard, fair die. Giving your answers in fractions reduced to the lowest terms, FTPE, what is the probability of...

Rolling a total of 7.

Answer: **1/6**

Rolling a total of 3 or 4.

Answer: **5/36**

Rolling a total of *at least* 9.

Answer: **5/18**

9. FTPE, answer the following about some characters from Russian literature.

A law student living in poverty, he murders the pawnbroker Alyona Ivanovna with an ax in *Crime and Punishment*.

Answer: Rodion Romanovich **Raskolnikov**

Alexei Kirillovich Vronsky is a count and former lover of this titular Tolstoy heroine, who commits suicide by jumping in front of a train.

Answer: **Anna Karenina**

The solitary government clerk Akaky Akakievich gets this title article of clothing stolen from him in a story by Gogol.

Answer: The **Overcoat**

10. FTPE, answer the following about a period of reform in Japan.

The restoration was named for this emperor, who oversaw the modernization and industrialization of Japan from 1867 to 1912.

Answer: Meiji

The Restoration saw the moving of the Imperial capital from Kyoto to this city, renamed from its old name of Edo.

Answer: Tokyo

The Meiji Restoration was a response to the arrival of this American naval officer, who forced the opening of Japan to the West in 1854.

Answer: Commodore Matthew Calbraith Perry

11. FTPE, answer the following about infamous press conference rants from sports figures.

This former Arizona Cardinals head coach had a gem last season when he declared that “the Bears are who we thought they were!” after blowing a big lead on Monday Night Football.

Answer: Dennis Green

This current Denver Nuggets star and 2001 NBA MVP was indeed talking about practice, saying the word twenty times in three minutes, after missing one while playing for the Seventy-Sixers in 2002.

Answer: Allen Iverson

This former Indianapolis Colts coach may have the most enduring quote, expressing disbelief when asked about the playoffs in 2001. His son has also been an NFL head coach.

Answer: James Earnest Mora (do not accept Jim Mora, Jr.)

12. FTPE, answer the following about a type of so-far untreatable diseases.

Composed only of rogue protein, they infect neural tissue and propagate by refolding themselves.

They are known to cause such diseases as scrapie and kuru.

Answer: Prions

The most well-known prion disease is bovine spongiform encephalopathy, better known as this.

Answer: Mad Cow Disease

The most common prion disease in humans is this, which causes dementia. Human cases of Mad Cow Disease are known as its new variant form.

Answer: Creutzfeldt-Jakob Disease or CJD

13. FTPE, identify these works by Michelangelo.

Michelangelo's most famous work is a nude marble statue of this Biblical king for the Palazzo della Signoria in Florence.

Answer: David

Michelangelo's altar wall for the Sistine Chapel was a depiction of this Biblical event, whose nudity was a source of controversy in the Church. St. Bartholomew is notably depicted near the center holding the artist's flayed skin.

Answer: The Last Judgment

Michelangelo only completed a few sculptures, including *Moses*, *Dying Slave*, and *Rebellious Slave*, for the tomb of this pope and noted patron of the arts.

Answer: Julius II

14. FTPE, identify these laws of chemistry.

This law states that the pressure of a fixed amount of gas at fixed volume is directly proportional to its temperature.

Answer: **Gay-Lussac's** Law

This law states that the pressure of the system and the volume of gas at constant temperature are inversely proportional.

Answer: **Boyle's** Law

This law joins Gay-Lussac's Law and Boyle's Law with Charles' Law, to state that the ratio between the pressure-volume constant and temperature of a system remains constant.

Answer: **Combined Gas** Law

15. FTPE, given the title character(s) of a work, name the author. If you need the title, you will get five points.

[10] Oliver Mellors

[5] *Lady Chatterley's Lover*

Answer: D.H. (David Herbert) **Lawrence**

[10] Michael Henchard

[5] *The Mayor of Casterbridge*

Answer: Thomas **Hardy**

[10] Jo, Meg, Beth, and Amy

[5] *Little Women*

Answer: Louisa May **Alcott**

16. FTPE, identify these Renaissance humanists.

This English saint and opponent of Henry VIII (8) wrote about a perfect human community in *Utopia*.

Answer: Thomas **More**

This Dutchman associated with Christian humanism wrote *The Praise of Folly* as a satire of the Catholic Church.

Answer: Desiderius **Erasmus**

This Italian's *Book of the Courtier* details fictional conversations on culture in the court of the Duke of Urbino.

Answer: Baldassare **Castiglione**

17. FTPE, answer these questions about the early study of political economy.

This work, published in 1776, introduced the ideas of absolute advantage and the invisible hand of the market.

Answer: An Inquiry into the Nature and Causes of the **Wealth of Nations**

The Wealth of Nations is the magnum opus of this man, a pioneer in the study of free trade and capitalism.

Answer: Adam **Smith**

The Wealth of Nations advocated laissez-faire economics in place of this theory associated with a positive balance of trade and protectionism.

Answer: **Mercantilism**

18. FTPE, answer the following about Buddhism.

This is the set of realities which the Buddha revealed to explain dukkha, or suffering.

Answer: **Four Noble Truths**

The last of the Four Noble Truths is that this is the way to eliminate dukkha, and it includes right view and right intention, along with six others.

Answer: Noble **Eightfold Path**

Buddhists believe that the Eightfold Path will lead to this, a state free from any contaminants or cravings, after which there will be no further rebirths.

Answer: **Nirvana**

19. FTPE, identify the African country, given its capital.

Tripoli

Answer: **Libya**

Dar es Salaam.

Answer: **Tanzania**

Monrovia

Answer: **Liberia**

20. FTPE, given a former job, name the current U.S. Senator.

First Lady of the United States

Answer: Hillary Rodham **Clinton**

Hall of Fame Pitcher for the Detroit Tigers and Philadelphia Phillies.

Answer: Jim **Bunning**

President of the American Red Cross

Answer: Elizabeth Hanford **Dole**