

1. That of Tennessee Senator William Blount was the first, although it was thrown out due to constitutional questions about congress's power to do so. The next was of New Hampshire Judge John Pickering in 1804, followed closely by that of Supreme Court Justice Samuel Chase in 1805. Although Judge Walter Nixon was subject to one in 1989, contrary to popular belief President Richard Nixon was not. FTP name this indictment for high crimes and misdemeanors, which was declared against President Andrew Johnson in 1868 and Bill Clinton in 1998.

A: **Impeachment** accept word forms

2. Opal, ochre, and amber describe the "stop" or "termination" forms of these. The second most famous of these might be the one for Phenylalanine, which is UUU. Another, for the amino acid Valine is GUA. They are coded for in the 5' to 3' [Five Prime to Three Prime] direction, with each separate transcription starting with Methionene, or AUG. FTP, name these sets of three RNA nucleotides transcribed from DNA, each of which codes for a different amino acid.

A: **RNA Codon** prompt on RNA

3. There are six species of these birds, in the family Phoenicopteridae. When feeding, rows of lamellae on the edges of the bill filter water pumped through the bill for small aquatic organisms. They build cone-shaped nest mounds of mud, and breed in large colonies, as at Great Inagua in the Bahamas. Three species live on alkaline lakes in the Andes, while only one, the Greater, is found in the U.S., in southern Florida. FTP, name these tall birds whose diet of carotenoids gives them their pinkish color.

A: **Flamingos**

4. The fourth part of this stream of consciousness novel follows Dilsey, who helped to raise the other three narrators. The plot jumps between 1910 and 1928 as three brothers alternate in telling their story, reflecting mainly on their sister Caddy. Mentally retarded Benjy, tragic, neurotic Quentin, and bitter, harsh Jason each have a different take on the problems faced by the Compson family. Despite earlier chaos, the novel ends peacefully with Dilsey attending Easter church services. FTP name this William Faulkner novel.

A: **The Sound and the Fury**

5. This artist, whose alter ego is Mimi, made her recording debut under the guidance of Columbia Records executive Tommy Mottola, whom this singer married in 1993 but separated from in 1997. She starred in the critically panned movie *Glitter*, which began a relatively unsuccessful period in her career that ended with her return to the top of the U.S. charts in 2005. FTP name this singer who, with the release of her single "Touch My Body" off of her recent album $E=MC^2$, surpassed Elvis for holding the greatest number of number-one singles on the U.S. Billboard Hot 100 charts.

A: **Mariah Carey**

6. For a slender rod, the value of this force's moment is the product of the square of the

length of the rod and the mass divided by twelve, while a solid cylinder yields the familiar one half the product of mass and the square of the radius. Because angular velocity is constant within a rigid body, its moment may be derived from the equation for kinetic energy of rotation, while its linear variety is simply mass. FTP, name this physical entity resistant to change in motion.

A: **Inertia** accept **Moment of Inertia** until “linear”

7. This man’s father married a hunchback woman due to a hunter’s prophecy saying that she would bear him a great king. As a child, he was sick but began working as a griot. In 1230, he founded a new kingdom and became the historical lion king. During his reign he encouraged his nation’s growing gold trade, and eventually became the granduncle of Mansa Musa. FTP, name this founder of the empire of Mali.

A: **Sundiata Keita** Accept **Mari Djata I, Sogolon Djata, or Son-Jara**

8. Bertrand Russell was a fierce critic of this philosophy, calling it an “engineer’s philosophy” which would inevitably lead to fascism. One concept of this doctrine is “contrite fallibilism,” which states that absolute certainty about knowledge is impossible. This belief contradicts the ideas of Descartes, who was heavily attacked by this school of thought. FTP name this philosophical school associated with Charles Sanders Pierce, John Dewey, and William James.

A: **Pragmatism** Accept word forms

9. The events of this novel are set in motion by the arrival of Paul D, whom the protagonist had known at Sweet Home plantation. Her daughter Denver hates Paul D for chasing away the ghost of what may be her dead sister. Her mother killed her sister, the title character, with a handsaw to prevent her from being taken back to the plantation. FTP name this novel by Toni Morrison which sees Sethe haunted by the materialization of the title character.

A: **Beloved**

10. This novel opens as the main character spends a night at the Spouter Inn in the same bed as a cannibal, Queequeg, due to overcrowding. They join a voyage along with Starbuck, Fedallah, Pip, and others on the *Pequod*. The narrator Ishmael is rescued by the *Rachel* when the title character rams the ship. FTP name this novel by Herman Melville about Captain Ahab's search for an elusive white whale.

A: **Moby Dick**

11. Although only 20,000 Americans died during this conflict, over 100,000 died in the ensuing Bolo War. Origins of this war included outrage over General Weyler’s creation of concentration camps and the outrage over the De Lôme Letter. In the end, the Treaty of Paris ended the war, giving payments to the European belligerent but giving America Guam, Puerto Rico, and the Philippines. FTP; name this war which began in the McKinley Administration after the sinking of the USS Maine.

A: **Spanish-American War**

12. The Limfjorden separates several islands in the northern part of this peninsula from the rest of it. Its northernmost point is The Skaw, which juts into the Skagerrak, the body of water to its north. To the east of this peninsula lies the Kattegat, as well as the islands of Fyn and Sjaelland. The Kiel Canal, in Germany, lies near the southern boundary of it. FTP name this peninsula, belonging mostly to Denmark, to the east of the North Sea.

A: **Jutland Peninsula**

13. This party originally consisted of members of the Revolutionary Alliance, an anti-monarchist society. It currently holds the largest number of seats in Yuan although it supports Taiwanese reunification with the mainland. FTP name this Chinese political party that was founded by Sun Yat-Sen and later led by Chiang Kai-Shek.

A: **Kuomintang** Prompt on **KMT** Accept **Chinese Nationalist Party**

14. In 1943, this man was inspired by a speech by FDR to paint his *Four Freedoms* series, which included *Freedom of Speech*, *Freedom from Want*, *Freedom to Worship*, and *Freedom from Fear*. He also painted the *Willie Gillis* series and worked for *Look* magazine in his later career. He painted 322 covers for *The Saturday Evening Post* over 47 years. FTP name this artist known for such illustrations as *Rosie the Riveter*.

A: **Norman Rockwell**

15. Discovered on November 24, 1974, this fossil is believed to be about 3.18 million years old. The lack of repeated bones suggests that it is in fact a single skeleton. She was found in Ethiopia by Tom Gray and Donald Johanson and today resides in the laboratory of a museum in Addis Ababa. FTP name this Australopithecus named for the Beatles song that was playing the night of her discovery.

A: **Lucy the Australopithecus Afarensis**

16. Blood from the Splenic vein joins the mesenteric veins before flowing into this organ. This organ is one of the only internal organs that is capable of regeneration if a large part of it is removed, making it easier to transplant. In addition to being the largest gland in the human body, this organ is also the largest internal organ. For ten points, name this four-lobed organ that is responsible for releasing bile and breaking down toxic substances and is the target of the hepatitis disease.

A: **Liver**

17. Aside from an unfinished piano quartet and early cantata, this man wrote only song cycles and symphonies. He conducted the New York Philharmonic from 1909-1911, when he suffered a physical collapse and demanded to be returned to Vienna. Terrified of writing a ninth symphony, he gave no number to *The Song of the Earth*. His *Resurrection Symphony* is similar to Beethoven's Ninth and has a massive choral finale. FTP name this Austrian composer of *Symphony of a Thousand*.

A: **Gustav Mahler**

18. When it was first published, this book was heavily criticized for its use of phonetic

spelling. It only received acclaim after being rediscovered by Alice Walker. This 1937 novel tells about Janie Crawford's life and her quest to find love; she describes her three marriages in flashbacks. FTP name this Harlem Renaissance novel by Zora Neale Hurston which was turned into a movie starring Halle Berry.

A: *Their Eyes Were Watching God*

19. This Baroque artist's *David* depicts the youth about to hurl his stone. Pope Urban VIII placed him in charge of architectural works at St. Peter's Basilica, and his religious works include the allegorical *Damned Soul* and *Blessed Soul*, as well as a controversial depiction of a saint. Mythological works include *Apollo and Daphne* and the *Rape of Proserpina*, as well as *Aeneas*, *Anchises*, and *Ascanius*. FTP name this sculptor of *The Ecstasy of Saint Theresa*.

A: **Gianlorenzo Bernini** Accept **Giovanni Lorenzo Bernini**

20. Plagioclase is one division of this family of mineral. Its other division is found only in felsic rocks. Plagioclase contains calcium and sodium in addition to the two elements characteristic of the entire class, while the other division, orthoclase, adds potassium. Varieties of plagioclase include anorthite and albite, and orthoclase is generally pink. The other two main constituent elements are oxygen and silicon. FTP name this family of silicates which may comprise up to 60% of the earth's crust.

A: **Feldspar**

STOP HERE

You have reached the end of the round. Do not continue reading unless a question was thrown out or the game is tied.

21. The Clapeyron equation relates the rate of change of this point to the change in volume and the heat absorbed, where volume often increases, with the notable exception of H₂O. According to the colligative property concerning its exothermic synonym, a decrease in the vapor pressure of a solution would lower the temperature of this point, as with boiling. FTP, name this point on a phase diagram marking the point at which a material goes from a solid to a liquid.

A: **Melting Point** accept **Freezing Point** before "increases"

Bonuses

1. FTPE, name these peaks of the Cascade Range.
- 1) This volcano of more than 8,000 ft. notably erupted in 1980.
A: **Mt. St. Helens**
 - 2) North of Mt. St. Helens is this 14,410 ft. volcano, home to several large glaciers and a namesake national park.
A: **Mt. Rainier**
 - 3) This northern California peak in the southern Cascades is over 14,000 ft. tall, and

gives its name to a nearby lake and national recreation area.

A: **Mt. Shasta**

2. FTPE name the following works of Jules Verne.

1) Pierre Aronnax is among the passengers of Captain Nemo on the Nautilus in this work.

A: **Twenty Thousand Leagues Under the Sea** Accept **Vingt Mille Lieues Sous les mers**

2) Professor Lidenbrock and his nephew Axel travel to Iceland to begin the title trip.

A: A **Journey to the Center/Interior of the Earth** Accept **Voyage au Centre de la Terre**

3) Phileas Fogg and his French valet Passepartout attempt to win a bet by completing the title journey.

A: **Around the World in 80 Days** Accept **Le Tour du Monde en Quatre-vingts Jours**

3. FTPE name the following figures from Norse mythology.

1) This one-eyed chief god had two ravens, two wolves, and an eight-legged horse.

A: **Odin** Accept **Woden**

2) This god of thunder wields the hammer Mjolnir.

A: **Thor**

3) This trickster is believed to be a giant who was allowed to live among the Aesir due to being Odin's blood-brother. His children include Fenrir and the Midgard Serpent.

A: **Loki**

4. FTPE name the following derived SI units.

1) Named for a radio pioneer, this unit of frequency represents one cycle per second.

A: **Hertz**

2) This unit of capacitance named for a British physicist combines seconds, amperes, meters, and kilograms.

A: **Farad**

3) This unit of electric conductance named for a German inventor combines the same units as a Farad raised to different powers.

A: **Siemens**

5. FTPE name the following museums.

1) The glass pyramid outside this Paris museum was designed by I.M. Pei.

A: **the Louvre** Accept **Musée du Louvre**

2) A number of museums, including ones in New York, Venice, and Bilbao, are named for this family and run by a foundation named for Solomon of this name.

A: **Guggenheim**

3) Located on the eastern edge of New York's Central Park, this museum's large collection includes John Singer Sargent's *Madame X* as well as photographs and instruments.

A: **The Metropolitan Museum of Art**

6. FTPE answer these questions about a Greek epic.
- 1) This epic poem written around 700 BC details a Trojan War hero's attempts to return home to his wife Penelope and son Telemachus.
A: The *Odyssey*
 - 2) This blind author of the *Odyssey* also wrote the *Iliad* about the Trojan War.
A: Homer
 - 3) Odysseus angered Poseidon when he blinded this Cyclops.
A: Polyphemus
7. FTPE name these composers who used atonalism.
- 1) This Austrian-American composer developed the twelve-tone technique for writing atonal music.
A: Arnold Schoenberg
 - 2) This Russian composer of *The Rite of Spring* and the *Firebird* began using Schoenberg's method in the last stage of his career.
A: Igor Stravinsky
 - 3) One composition of this student of Schoenberg involves tuning twelve radios to different stations and letting them play together in discord. Another employs 4 minutes and 33 seconds of silence.
A: John Cage
8. FTPE, identify these devices from what each measures.
Identify the following about astronomical objects FTSNOP.
- 1) For ten, also known as minor planets, these objects are abundant between Mars and Jupiter, in their "main belt".
A: Asteroids
 - 2) For ten, members of this belt are often known as trans-Neptunian objects, referring to their positions. Although currently classed as asteroids, its namesake scientists theoretically predicted their location as a source of comets.
A: Edgeworth-Kuiper Belt
 - 3) For five points each, name two of the three largest asteroids: one is named for the Latin equivalent of Demeter, one for Athena, and the third for a goddess of the hearth.
A: TWO from (order does not matter): Ceres, Pallas, Vesta
9. FTPE, identify the following European soccer teams given the names of players currently on the team.
- 1) Gary Neville, Wayne Rooney, Cristiano Ronaldo
A: Manchester United do not accept **Manchester City**
 - 2) Paolo Maldini, Kaká, Ronaldo
A: Associazione Calcio Milan
 - 3) Sergio Ramos, Fabio Cannavaro, Ruud van Nistelrooy
A: Real Madrid
10. FTPE name these members of the civil rights movement.

1) This Baptist minister assassinated in 1968 was known for advocating nonviolence as well as for his “I Have a Dream” speech.

A: **Reverend Doctor Martin Luther King, Junior** Accept **MLK**

2) This activist author of an autobiography was assassinated a year after leaving the Nation of Islam.

A: **Malcolm X** Accept **Malcolm Little** or **Malik Shabazz**

3) This woman became famous for refusing to give up her bus seat to a white man, leading to the Montgomery Bus Boycott.

A: **Rosa Parks**

11. FTPE name these U.S. presidential policies.

1) This series of programs was launched by Franklin Roosevelt as his plan to end the Great Depression.

A: **The New Deal**

2) This domestic policy of Theodore Roosevelt was aimed at helping the working class and enforcing anti-trust legislation.

A: **The Square Deal**

3) This social improvement policy of Harry Truman was highlighted by equality for citizens regardless of demographics and included a call for universal healthcare.

A: **The Fair Deal**

12. FTPE identify the following paintings.

1) This fresco by Leonardo da Vinci depicts Jesus and his disciples.

A: ***The Last Supper***

2) This painting by David [da-VEED] shows the titular figure in a tub with a letter in his hand after being stabbed by Charlotte Corday.

A: ***The Death of Marat***

3) This Watteau work shows young couples and cupids either arriving at or departing from the titular location, the birthplace of Venus.

A: ***The Embarkation for Cythera*** or ***The Pilgrimage to Cythera*** Prompt on **Cythera**

13. FTPE name the following types of transport through a cell.

1) This is the process by which water moves through a cell.

A: **Osmosis** Prompt on **Diffusion**

2) This general term encompasses diffusion, facilitated diffusion, osmosis, and filtration. It does not require chemical energy.

A: **Passive Transport**

3) This type of diffusion sees particles move down a concentration gradient without assistance.

A: **Simple Diffusion**

14. FTPE name the following inventors.

1) This namesake of an agricultural equipment company invented the steel plow.

A: **John Deere**

2) This man invented the cotton gin.

A: **Eli Whitney**

3) This man developed the first commercially successful steamboat and also designed a steam warship as well as the *Nautilus*, the first practical submarine.

A: **Robert Fulton**

15. FTPE name the following tectonic plates.

1) Named for a region of Peru, this oceanic plate borders the Antarctic, Pacific, and Cocos plates.

A: **Nazca** plate

2) This primarily oceanic plate lies under Central America and its namesake sea.

A: **Caribbean** plate

3) This plate named for an explorer borders the North American and Pacific plates.

A: **Juan de Fuca** plate

16. FTPE answer these related literature questions.

1) A fatwa was issued against this man by Ayatollah Khomeini in 1989 for a novel which introduced a new myth of the origin of Islam, angering many Muslims.

A: **Ahmed Salman Rushdie**

2) Name that 1988 novel.

A: **The Satanic Verses**

3) This Rushdie novel follows two of the children born during the hour after India's independence.

A: **Midnight's Children**

17. FTPE, identify these pieces of lab equipment from their uses in chemistry.

1) A pair of these may hold hot crucibles and evaporating dishes.

A: **Tongs**

2) This variety of flask includes a wide base with increased surface area for heating liquids.

A: **Erlenmeyer flask**

3) Differing from a graduated cylinder in its counting down nature, this liquid measurer is often employed in titrations.

A: **Buret**

18. Name these major language families of the world, FTPE.

1) Containing the Romance and Balto-Slavic languages, as well as many others, this family is spread throughout a namesake continent and subcontinent.

A: **Indo-European**

2) This family, named for two continents, includes the Semitic languages such as Arabic.

A: **Afro-Asiatic**

3) Named for two African rivers, this family contains the majority of Sub-Saharan languages, including the Bantu tongues.

A: **Niger-Congo**

19. FTPE answer the following questions about a novel by J.D. Salinger.

1) This novel is narrated by teenager Holden Caulfield.

A: **The Catcher in the Rye**

2) Besides alcohol and girls, Holden spends much time thinking about this younger sister.

A: **Phoebe Caulfield** Prompt on Caulfield

3) Holden interrogates this roommate after he goes out with Holden's ex-girlfriend. He later beats Holden up.

A: **Stradlater**

20. FTPE name these three-dimensional regular solids

1) This six-sided figure has square faces and eight edges.

A: **Cube**

2) This figure has twelve sides, which are shaped as pentagons.

A: **Dodecahedron**

3) Placing two square pyramids together, with the square sides touching, can create this regular solid, forming the eight-faced figure.

A: **Octahedron**