

## Round 1 - Tossups

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1. He practiced law in Rockford, Illinois from 1946 until 1952, served as advisor to the US high commissioner for Germany from 1952 to 1955. In 1968, he succeeded Melvin Laird as chairman of the House Republican Conference, and served as a congressman from Illinois from 1961 until 1981. FTP, name this politician, who gained seven percent of the popular vote as a third-party candidate in the 1980 election.

Answer: John Bayard Anderson

2. In 1870, he bought the yacht *Lalla Rookh*, aboard which he tested his modifications to the mariner's compass, which compensated for the magnetism of iron ships. Public fame came in the mid-1860s when he helped overcome the difficulties of laying a trans-Atlantic telegraph cable. FTP, name this British physicist and inventor who introduced the absolute temperature scale.

Answer: William Thomson or Lord Kelvin

3. Set in the early 12th century, this hundred-chapter novel describes the internal collapse of the Sung dynasty. It deals with the rise and fall of Hsi-men Ch'ing's estate, and the survival of his main wife Yue Niang and his only son by her, Xiaoge. FTP, name this anonymous Chinese novel, which deals with Ximen Qing's seduction of Pan Jinlian, known for its explicit sexual descriptions.

Answer: *The Golden Lotus* or *The Plum in the Golden Vase* or *Jin Ping Mei*

4. It is one of the largest endocrine glands in the body, averaging 20 grams in weight, and cretinism results if it fails to develop properly. Millions of tiny sac-like units called follicles, which contain hormones, largely make up this butterfly-shaped gland. FTP, name this gland, found in the neck, which regulates the body's iodine supply.

Answer: Thyroid

5. This Brooklyn native graduated from Harvard in 1943 with a degree in aeronautical engineering, and spent the next two years fighting the Japanese in the Pacific. His army experiences provided the material for his first published novel in 1948, and he later won the National Book Award in 1969 and the Pulitzer in 1969 and 1980. FTP, name this author of *Armies of the Night* and *The Naked and the Dead*.

Answer: Norman Mailer

6. The concept for this appeared in a treatise circa 300 CE by a Hellenized Egyptian named Zosimos, who called it *xerion*. The Latin alchemists of the late Middle Ages were the first to make the search for it a priority, seeing in its preparation and use an analog of the redemption of mortal flesh. FTP, name this substance, believed capable of transmuting base metals into silver or gold.

Answer: The Philosopher's Stone

7. The ones who visit each child are of divine origin, but others are descended from elves and still others from dwarves. The three most famous of them dwell in a beautiful hall near Yggdrasil, and are named Urd, Verdandi, and Skuld. FTP, name these women of destiny in Norse mythology, who determine the fates of men.

Answer: Norns

8. Published in January, 1735, this poem is written in imitation of Horace, skillfully modulating the natural tempo of the rhymed couplets with caesuras, enjambment, and other forms of varied rhythm. It satirizes cowardly critics, hypocritical pedants, insipid patrons of the arts, corrupt sycophants, and caricatures the author's contemporaries. FTP, name this poem, written by Alexander Pope and addressed to his friend, the titular character.

Answer: An Epistle to Dr. Arbuthnot

9. Reigning from 161 to 192 CE, he viewed himself as a personification of Hercules by the end of his reign -- a sign of his insanity. He was assassinated by his palace staff some ten years after an unsuccessful attempt by his sister Lucilla. FTP, name this Roman emperor, one of Marcus Aurelius' twin sons.

Answers: Lucius Marcus Aurelius Commodus or Marcus Commodus  
Antoninus

10. Born in Liverpool on September 1, 1835, he was professor of logic and mental and moral philosophy at Owens College, Manchester, from 1866-1875. In 1862, he presented the first in a series of studies concerned with seasonal and cyclical fluctuations of economic variables - the most famous of which concerned the relationship between sunspots and agricultural harvests. FTP, name this English economist and statistician, who, with Leon Walras and Carl Menger, is considered a co-discoverer of the marginal utility theory.

Answer: William Stanley Jevons

11. The dance of Pau-Pak-Keewis lay behind the scherzo, and Minnehaha's funeral may have inspired the Largo. This 1893 work is the composer's only work with a motto theme in every movement, and although other cultural influences are obvious, the work remains fundamentally Czech. FTP, name this Antonín Dvorák work, inspired by his stay in America.

Answers: Symphony no.9 in E minor or From the New World Symphony

12. Born in 1794, he entered Williams College at age 15, withdrew a year later, but still read law and was admitted to the bar in 1815. In 1825, he became the editor of the *New York Review and Athenaeum Magazine*, and four years later he became part-owner and editor-in-chief of the *New York Evening Post*. FTP, identify this American with a literary bent, whose writings include *The Fountain and Other Poems* and *The White-Footed Deer*.

Answer: William Cullen Bryant

13. It was modeled on Pericles' eulogy for Athenians who died in the Peloponnesian War, but was also infused by the author with his own moral vision of the contemporaneous conflict. The oration was 286 words long, and the orator was not even the main speaker of the day, following Senator Edward Everett. FTP, name this November 19, 1863 oration delivered by Abraham Lincoln.

Answer: Gettysburg Address

14. In the hydrolysis of esters, the hydroxide ion serves this purpose. Finely divided metals such as platinum, iron, and palladium and metal oxides such as silicon dioxide and vanadium oxide perform this function by *sic* adsorbing the reactants onto their surfaces. FTP, name this substance which causes a change in the rate of a chemical reaction without itself being consumed.

Answer: Catalyst

15. The work of an unknown Greek sculptor, perhaps Ctesilaus, it was found in the gardens of Sallust. The right arm is a reconstruction, possibly by Michelangelo. FTP, name this famous statue in the Capitoline Museum at Rome, now believed to be the figure of a wounded Gaul.

Answer: The Dying Gladiator

16. Innovative designs include the aerodynamic M strip, V frames and the Zeroes collection. Marketed with the tag-line "Thermonuclear Protection", they're often paired with a mullet haircut. FTP, name this brand of futuristic-looking, brightly hued "performance" eyewear.

Answer: Oakley

17. It was said to have begun as a bloody quarrel between some stonecutters and noblemen, and reached its peak during late May and early June of 1358. Their most militant march, led by Guillaume Cale, was crushed by a resurgent nobility under Charles of Navarre. FTP, name this greatest of late-medieval French rebellions, named for the peasants who led it.

Answer: Jacquerie

18. It lacks a vascular system for absorbing water, and are thus limited to moist environments because they require water for fertilization. Yet this small primitive plant, which comprises division Bryophyta of class Bryopsida, grows nearly everywhere. FTP, name this plant, of which the variety sphagnum is commercially valuable as the main constituent of peat.

Answer: Moss

19. Their beliefs were embodied in the 1632 Dordrecht Confession of Faith, and their name is derived from that of a \*16th century Dutch reformer. For a time known as the Swiss Brethren, they recognize only the sacraments of adult baptism and the Lord's Supper. FTP, name this religious group, which settled Germantown, Pennsylvania and includes the Amish Church.

Answer: Mennonites (accept varieties of Amish until the \*)

20. Written circa 1601, its sources include works of Chaucer and Lydgate and it was directed at the young, critical, discontented minds attracted by the poetry of Donne and Marston. The first scene presents a languid, lovelorn young man, too amorous to fight, and his passionate hyperbole is made absurd by Pandarus, a broker of human stock. FTP, name this Shakespeare tragedy, which deals more with the unease that traditional English societal standards might be changing than with the Trojan War.

Answer: Troilus and Cressida

21. Today this organization is led by Master Kermit Richardson, and has its headquarters at 1616 H St, Washington D.C., near where it was founded. Its peak strength came in 1876 with 858,000 members -- a mere nine years after being founded by Oliver Judson Kelley, among others. FTP, name this rural community service and fraternal organization, with a special interest in agriculture.

Answer: National Grange of the Order of Patrons of Husbandry

## Round 1 - Bonuses

1. Answer these questions about Emily Brönte's *Wuthering Heights* FTSNOP.

A. FFP each, the novel concerns the interactions of these two families over three generations.

Answers: Earnshaw, Linton

B. FFP, this orphan from urban Liverpool is central to the novel.

Answer: Heathcliff

C. F15P, within the novel's setting, society is divided between two opposing worlds: Wuthering Heights, the ancestral home of the Earnshaws, and this Linton estate.

Answer: Thrushcross Grange

2. Name the author from works on a 30-20-10 basis.

30. *A Key into the Languages of America* (1643), *Queries of Highest Consideration* (1644)

20. *George Fox Digged Out of His Burrowes* (1676)

10. *The Bloody Tenent of Persecution, for Cause of Conscience, Discussed in a Conference between Truth and Peace* (1644)

Answer: Roger Williams

3. Given a brief description, name the pre-Socratic philosopher, each of whom founded something-or-other FTP each.

A. By tradition, he was the first philosopher and founder of the Ionian school. Aristotle attributed to him the conjecture that water is the material principle of all things.

Answer: Thales of Miletus

B. With Leucippus, he was the co-founder of the theory of atomism.

Answer: Democritus

C. He was the founder of the Hellenistic school of Stoic philosophy.

Answer: Zeno of Citium (do not accept "Zeno of Elea". It is wrong.)

4. Name the Supreme Court decision which may or may not have an impact on your life FTP each.

A. For the first time, the Supreme Court ruled in this 1803 case that an act of Congress was unconstitutional, establishing the principle of judicial review.

Answer: Marbury v. Madison

B. In this 1908 decision, the Court ruled that a state could legislate maximum working hours based on evidence compiled by attorney Louis Brandeis.

Answer: Muller v. Oregon

C. This 1957 ruling based obscenity decisions on whether a publication appeals to "prurient interests". The Court also said that obscene material is that which lacks any "redeeming social importance".

Answer: Roth v. US

5. Answer these related literature questions FTP each.

A. Name the author whose 1965 *Collected Stories* received both a Pulitzer and a National Book Award, and also published 1944's *The Leaning Tower*, also a collection of stories.

Answer: Katharine Anne Porter

B. This 1939 Porter short novel concerns a shortlived love affair between a young Southern newspaperwoman and a soldier during the influenza epidemic of the First World War.

Answer: Pale Horse, Pale Rider

C. This 1937 Porter short novel tells the story of Mr. Thompson, an ineffectual farmer who kills a disagreeable stranger whom he imagines is attacking his eccentric but valuable hired man.

Answer: Noon Wine

6. Given a law of physics, name it FTP each.

A. It is often stated "for every action, there is an equal and opposite reaction".

Answers: Newton's 3rd Law of Motion or Law of Conservation of Momentum

B. A temperature of absolute zero is the point at which all molecular motion ceases.

Answer: Third Law of Thermodynamics

C. No heat flows between any two bodies that are at the same temperature.

Answer: Zeroth Law of Thermodynamics



7. Answer these questions about early European "barbarian tribes" FTP each.

A. This group of "barbarians" ran most of France from about 419 until 507, and ran Spain from 419 until 711 when the Muslims destroyed their kingdom.

Answer: Visigoths

B. The ruler of this group, Theodoric the Great, defeated Odoacer in 493 and set up a kingdom in Italy.

Answer: Ostrogoths

C. This king (481 - 511) united the Franks on both sides of the Rhine and defeated the Visigoths in 507.

Answer: Clovis

8. Answer these questions about everyone's favorite organic component, DNA, FTSNOP.

A. FTP, in protein synthesis, this is the first step, in which messenger RNA formal along the DNA and matches it base for base.

Answer: Transcription

B. Five points for three and ten points for all four, name this four bases that are components of DNA.

Answers: Adenine, Thiamin, Guanine, Cytosine

C. FTP, strands of DNA are connected between the bases by bonds of this element.

Answer: Hydrogen

9. Name these terms from architecture from a description FTP each.

A. This is a vaulted roof of circular or polygonal shape.

Answer: Dome

B. This is the story above the cornice of a building.

Answer: Attic

C. This is a horizontal projection, such as a balcony or beam, supported at one end only.

Answer: Cantilever

10. Answer these related questions concerning African history FTSNOP.

A. FTP, name the medieval Muslim empire which was one of the world's chief gold producers and reached it's peak in the early 14th century under Emperor Mansa Musa.

Answer: Mali

B. FFP, along with Djenné, this Mali capital city became an important center of trade and culture.

Answer: Timbuktu

C. F15P, the Mali empire was eventually subsumed by this other African empire.

Answer: Songhai or Songhay

11. Magazines seem to be integral part of our culture. Seems like fair game for a bonus question. Given a description of a magazine, name it FTP each.

A. This venerable weekly was established in 1925 as a venue for now-legendary wits as Dorothy Parker, Robert Benchley, and James Thurber.

Answer: The New Yorker

B. From 1986 to May 1994, the satirists of this publication, led by editor-founders Graydon Carter and Kurt Andersen, administered an emetic to the horde of public figures gorging themselves on the spoils of Reaganism. An August 1994 relaunch sullied its name.

Answer: Spy

C. This new-music magazine was founded in 1985 by *Penthouse* owner Bob Guccione and his son, Bob Jr. It originally thrived in the demographic space vacated when *Rolling Stone* outgrew its counterculture roots.

Answer: Spin

12. Name these astronomical terms after a brief description FTP each.

1. This is the proportion of light reflected from a celestial body.

Answer: Albedo

2. This is the natural recession of celestial objects from each other by virtue of the expansion of the universe.

Answer: Hubble flow

3. Finally, this is the influence of one celestial body on another.

Answer: Perturbation

13. Answer these questions about the *Odyssey* FTSNOP.

1. FFP each, name the two military leaders whom Odysseus' son Telemachus visits in order to try to gain information concerning the whereabouts of his father.

Answers: Menelaus, Nestor

2. FTP, Pallas Athena accompanied Telemachus disguised as this wise man, whom Odysseus left in charge of his household and of Telemachus' education.

Answer: Mentor

3. FTP, Odysseus' journey home was thwarted because he had incurred the rage of this Greek god.

Answer: Poseidon

14. Answer these questions about modern Italian history FTSNOP.

A. FFP, name the military leader whose "red shirts" conquered Sicily and southern Italy.

Answer: Giuseppe Garibaldi

B. FTP, this king of Sardinia became the king of Italy in 1861.

Answer: Victor Emmanuel II

C. F15P, this prime minister of Sardinia helped unite Italy under the House of Savoy and arranged a defense agreement between Sardinia and Napoleon III in 1858.

Answer: Count Camillo Beneo Cavour

15. Given a term from ecology, name it FTP each.

A. This combustible, colorless, odorless and tasteless gas is usually found in association with natural gas. It is a greenhouse gas and reacts with chlorine and bromine in sunlight.

Answer: Methane

B. This is the theory and practice of controlling the establishment and growth of stands of trees for goods or other benefits.

Answer: Silviculture

C. This is the border between two major ecosystems, such as the region between the tundra and the northern forests.

Answer: Ecotone

16. Symphony concerts are standard public radio fare. But do you pay attention to who's leading the orchestras? Given a symphony orchestra, name its conductor FTP each.

A. New York Philharmonic

Answer: Kurt Masur

B. Boston Symphony

Answer: Seiji Ozawa

C. Cleveland Symphony

Answer: Christoph von Dohnányi (Doh-NAH-nyee)

17. Answer these questions about a metrical romance from Middle English FTP each.

A. First, name this work. It is the tale of three brothers -- the eldest of which steals the youngest's share of their fathers' inheritance and becomes a corrupt sheriff. The youngest becomes the leader of a band of forest outlaws and eventually overthrows the wicked brother.

Answer: The Tale of Gamelyn

B. Often called *The Cook's Tale of Gamelyn*, it has sometimes erroneously been attributed to this poet and writer.

Answer: Geoffrey Chaucer

C. Thomas Lodge adapted the story for his 1590 romance *Rosalynde*, a major source for this Shakespeare work.

Answer: As You Like It

18. Given a description of things from Jewish worship, name it FTP each.

A. This is the term employed by Ashkenazi Jews to refer to the synagogue.

Answer: Shul

B. This is the Hebrew prayer book that contains the statutory synagogue and home liturgy, along with optional devotional material like *zemirot* and even study material such as *Pirquei Avot*.

Answer: Siddur

C. This is the term for the requisite number of adult Jewish males needed for a quorum for various liturgical purposes.

Answer: Minyan

19. Given the definition, name these related mathematical terms FTSNOP.

A. FFP, this is the conic section which is the locus of all points in the plane, the difference of whose distance from the foci is constant.

Answer: Hyperbola

B. FTP, this is the graph, in polar coordinates, of  $r \theta = a$ , where  $a$  is a constant greater than zero.

Answer: Hyperbolic spiral

C. F15P, this is the measure  $t$  in the parametric functions:  $x$  equals the hyperbolic cosine of  $t$ ; and  $y$  equals the hyperbolic sine of  $t$ .

Answer: Hyperbolic radian

20. I'll describe some late 20th century US unions, and you name them on a 5-10-15 basis.

A. FFP, on October 24, 1987, this union was re-admitted into the AFL-CIO after a thirty-year expulsion.

Answer: International Brotherhood of Teamsters

B. FTP, this union, headquartered in Keene, California, was founded by Cesar Chavez in 1962.

Answers: United Farm Workers or National Farm Workers Association

C. F15P, Tony Boyle, deposed president of this union, was found guilty on April 11, 1974 of ordering the 1969 assassination of a reform-minded challenger, Joseph Yablonski, who had challenged him for the presidency of the union in that year.

Answer: United Mine Workers

21. Answer these questions about *The Leatherstocking Tales* FTP each.

A. In *The Last of the Mohicans*, this Native American is the last of that tribe.

Answer: Uncas

B. In *The Pathfinder*, Natty Bumppo relinquishes his claim to this woman's hand when he discovers that she loves Jasper Western.

Answer: Mabel Dunham

C. This novel details the death of Natty Bumppo.

Answer: *The Prairie*