

Round 5  
Toss-Ups

1. It was deciphered in 1952 by Michael Ventris. It is a script consisting of 90 characters, each representing a syllable, used 1400-1200BC by the Mycenaean civilization on Crete. FTP, name this script, whose "A" counterpart is still mostly unknown.

A: Linear B

2. His first full novel, Cup of Gold was a pirate romance. His second, more typical work was To a God Unknown which follows the religious crisis of a pagan California farmer. FTP, name this author, whose third novel, Tortilla Flat made him famous.

A: John Steinbeck

3. Born Harry Weinstein in Baku, Azerbaijan, the man usually goes by his Russian name. In 1985, he won the world Championship, defeating Anatoly Karpov. FTP, name this chess player who, although he lost to the Deep Blue computer in a rematch, is still considered the best chess player ever.

A: Gary Kasparov

4. It is totally inaccessible except through dreams and neuroses, and contains the phylogenetic inheritance. It is the source for all instincts, such as the libido, and is dominated by the Pleasure Principle. FTP, identify this Freudian part of the psyche.

A: Id

5. "A Penny saved is a penny earned. Early to bed and early to rise makes a man healthy, wealthy and wise" are some of the sayings found in this publication. FTP, name this periodical, running from 1732 to 1757, published by Benjamin Franklin.

A: Poor Richard's Almanac (accept Ben Franklin before mention of publication)

6. Although most animals can synthesize it, humans need to ingest it in order to prevent illness. FTP, name this substance, also known as ascorbic acid, a dearth of which can lead to scurvy.

A: Vitamin C

7. Although the ship was carrying wartime goods such as ammunition, making it a legitimate military target, the U.S. argued that the sinking of this passenger liner constituted a violation of the rules of war. FTP, name this ship, whose destruction was one factor in the U.S.'s decision to enter World War I.

A: Lusitania

8. Created in 1937 by the Librarian of congress, this post has been called "ill-paid, ill-defined, and irresistible." For \$35,000 a year, its only job requirements are to give a reading of their work at the Library of Congress and to deliver a farewell address upon stepping down. FTP, name this position which has been held by Robert Penn Warren, Rita Dove, and Robert Frost.

A: Poet Laureate of the United States (accept equivalents)

9. Born in 1821, this author penned his first book, Poor Folk, in 1846. Though he was sentenced to death in 1849, the sentence was commuted and he returned to writing by 1858, writing many of his most well known works. FTP, name this author of The House of the Dead, Crime and Punishment, and The Idiot.  
A: Fyodor Dostoyevsky
10. Pencil and paper may be necessary for this question involving complex numbers. FQTP, give the product of  $6-2i$  and  $3+i$  in simplest form.  
A: 20
11. This intelligent, sand colored macaque is native to Southeast Asia and has been known to congregate around Buddhist and Hindu temples. FTP, name this monkey, the first in the stratosphere and the namesake of the Rh factor in human blood.  
A: Rhesus monkey
12. Born in 1805, this man is considered the father of comparative historical sociology, and is famous for writings such as "The Ancient Regime." FTP name this Frenchman, author of "Democracy in America"  
A: Alexis de Tocqueville
13. In 1792, a French army engineer by the name of Claude Joseph Rouget de Lisle heard his host declaring the need for a patriotic marching song. Inspired, in a single night he wrote a song which was soon adopted by many French regiments. FTP, name this song, the national anthem of France.  
A: La Marseillaise
14. If a noble put out the eye of a noble, he too would have his eye put out, but were it the eye of a commoner, the noble would pay only a fine. FTP, name the 1800 BC writing which contained the first organized system of laws known to man. (make harder maybe)  
A: Code of Hammurabi
15. Warning, two answers are required. Both were drafted in secret, one by Jefferson, the other by Madison, in 1798. Both argued that the Alien and Sedition Acts were unconstitutional, and set forth the states rights doctrines later used to justify nullification. FTP, name these pieces of writing (named for the states in which they were introduced)  
A: Virginia and Kentucky Resolutions
16. By the time Muhammad II attacked this city under the leadership of Constantine XI, it was a poor city, though its massive walls had repelled attacks for 1000 years. Muhammad broke through the Byzantine gate in 1453, defeating the last vestige of the Byzantine Empire. FTP, name this city straddling Asia and Europe, now in Turkey.  
A: Constantinople (prompt on Istanbul)
17. In 1933 a judge declared for the first time that this book was not obscene. It is said that one needs to understand the Catholic Church, Irish Legend, Gaelic, mythology, as well as other things, to truly understand the meaning of this work. FTP, name this book which takes place in

one day in Dublin, penned by James Joyce.

A: **Ulysses**

18. Discovered by Wien and Thomson, its name means "the first one" its lifetime is on the order of  $10^{31}$  years. FTP, name this particle which comprises the entire nucleus of the hydrogen atom.

A: **Proton**

19. Called the first novella, its unusual structure gave Chaucer his plan for "The Canterbury Tales" In it, seven men and three women try to escape the black death in 1348 by running to a country estate. Each tells a story each night for ten days, for a total of 100 tales. FTP, name this work by Giovanni Boccaccio.

A: The **Decameron**

20. Its highest mountains include Mt. Lister, Mt. Sidely, Mt. Levick, and Mt. Kirpatrick. The highest point on the continent is the Sentinal Range, at 16,683 feet. FTP, name this continent with highest point at Visson Massif

A: **Antarctica**

## Boni

1. Identify these cell organelles FTPE.

Much larger in plant cells than in animal cells, this organelle contains water and other important supplies.

A: **vacuole**

The “garbage collector” of the cell, this organelle serves to digest cell waste.

A: **lysosome**

Chiefly in animal cells, this organelle spins the aster during mitosis.

A: **centriole**

2. FTPE, name the economist from clues given.

He based his theories on Roosevelt’s New Deal and wrote such works as A Treatise on Money and General Theory of Employment, Interest and Money.

A: John Maynard **Keynes** (prompt on Baron of Tilton)

He wrote “Principles of Political Economy and Taxation” and developed the principle of “comparative advantage.”

A: David **Ricardo**

Writing “the greatest happiness of the greatest number,” this supporter of utilitarianism was mummified and his clothed skeleton remains on public view at University College in London.

A: Jeremy **Bentham**

3. FTPE, name these movie music composers.

He won an Oscar for his score to The Fellowship of the Ring and has also composed the music for The Silence of the Lambs, Scanners, and High Fidelity.

A: Howard **Shore**

Gladiator earned him his seventh Oscar nomination; others of his nominated scores include Rain Man, The Prince of Egypt, and The Thin Red Line.

A: Hans **Zimmer**

In addition to writing the music for Little Shop of Horrors, he’s collected eight Oscars for scores including Aladdin, Beauty and the Beast, and The Little Mermaid.

A: Alan **Menken**

4. Answer the following about Mark Twain’s Huckleberry Finn FTPE.

He organizes a namesake band of robbers and is a romantic whenever it comes to planning and plotting.

A: **Tom Sawyer**

This is Tom’s brother, who Tom pretends to be after Huck claims to be Tom Sawyer at Tom’s Aunt Sally’s house.

A: **Sid**

Huck disguises himself as a girl and assumes this name as he attempts to garner information from Judith Loftus, whose husband has gone to investigate smoke at Jackson’s Island to find Jim.

A: Sarah Mary Williams (accept any one of the three names)

5. Given the events of one of the revolutions of 1848, name the country or empire in which it took place FTPE.

The monarch Louis Philippe was forced to flee to nearby England, and government troops clashed with civilians until the desire for peace and order led to the election of a new ruler.

A: **France**

Yet to be unified, liberals and nationalists of this nation sought a new leader as radicals forced out Pius X and called for war with Austria.

A: **Italy** (also accept **Kingdom of the Two Sicilies** or **Piedmont**)

After the revolution in France, isolated uprisings in Prague, Hungary, and northern Italy resulted in a Magyar nationalist leading revolts in Vienna.

A: **Habsburg Empire** (also accept **Austro-Hungarian Empire** or **Austria-Hungary**, prompt on **Austria** or **Hungary**)

6. Answer these questions about Asian bodies of water FTPE.

This sea is connected to the Sea of Okhotsk on its south and to the eastern coast of North Korea. Korea prefers a different name than the traditional name for the sea.

A: **Sea of Japan** (also accept **East Sea**)

Just north of Mongolia, this is the third largest lake in Asia and the largest freshwater lake, in terms of surface area, on the Eurasian continent.

A: Lake **Baikal**

This river, which derives its name from the Hindu god who created the universe, flows through India and empties in the Bay of Bengal.

A: **Brahmaputra** River

7. Historians often classify periods in ancient history by the pottery found during that time. Given a description of pottery, name the modern-day country in which it was found FTPE.

The blue and white ceramics are the most famous of their time and depict scenes of nature. Greatly sought after even today, the pottery peaked under the Song.

A: **China**

In the 400's BC, the background on the pottery was painted with a black ink, while the foreground remained uncolored. After being fired, the background stayed black, while the foreground became a rich, red color from the clay.

A: **Greece**

The pottery in this country illustrates a highly mysterious time period since no other evidence of human life can be found dating back 10,000 BC in this country. The pottery is made of dull, gray clay formed from the nation's acidic volcanic soil.

A: **Japan**

8. Name the figures associated with revolutions in thought FTPE.

Identify the "sage of Shakyamuni" who founded "The Middle Path" in India.

A: **Siddhartha Gautama** (also accept **Buddha**, prompt on **Siddhartha** or **Gautama**)

A geocentrist, he first modeled the Martian orbit with a complicated formula of epicycles, eccentrics, and ellipses deemed too complicated for nature by Copernicus.

A: **Ptolemy**

Co-founder of atomic theory with Democritus, this 5<sup>th</sup> century BC man from Miletus wrote about the void from which the universe arose and about tiny particles that arranged themselves to form

elements and compounds.

A: **Leucippus**

9. FTPE, given a setting, name these novels by Ernest Hemingway.

A small Cuban village and far out in the Gulf Stream of the Caribbean Sea.

A: **The Old Man and the Sea**

Spain in the spring of 1937, during the Spanish Civil War.

A: **For Whom the Bell Tolls**

Paris in the mid-1920s, Pamplona, Spain during the Running of the Bulls, and finally Madrid.

A: **The Sun Also Rises**

10. 5-10-15, name these Frank Lloyd Wright-designed buildings.

For 5, designed as a private home for the Kaufmann family near Pittsburgh, Pennsylvania, its singular style includes balconies cantilevered over its signature feature.

A: **Fallingwater**

For 10, this class of homes, intended as a uniquely American budget-style home plan, featured an L-shaped design with sections of the house distinctly separated for privacy and convenience.

A: **Usonian** homes

For 15, the original was built in Spring Green, Wisconsin, as a personal studio and home for Wright. He later built another by the same name, which comes from the Welsh for “shining brow,” in Scottsdale Arizona.

A: **Taliesin**

11. FTPE, name these writs used by the American court system.

Literally “you may have the body,” this writ forbids prolonged imprisonment of a man without sufficient evidence or charge.

A: Writ of **habeas corpus**

This writ compels an official to perform his duties when he has not and was considered by the Marshall court in deciding *Marbury v. Madison*.

A: Writ of **mandamus**

This writ is issued by a higher court to a lower one, compelling the lower to present all of the evidence and information on a case to the higher.

A: Writ of **certiorari**

12. Answer the following questions on colligative properties FTPE.

This phenomenon rationalizes adding ethylene glycol to a car’s engine and placing salt on roadways before a snowstorm.

A: **freezing point depression**

Jean Antoine Nolle unearched this concept of the push of created by differing water concentrations when he placed a pig’s bladder filled with alcohol in water and watched the bladder expand.

A: **osmotic pressure** (prompt on osmosis)

Identify the factor designated by an *i* in the formula for osmotic pressure named after a 1901 Noble Prize winner acclaimed for his study of ions regarding colligative properties.

A: **van’t Hoff** factor

13. FTPE, name the first key found in the following pieces as originally written.

Pachelbel's Cannon

A: **D major** (prompt on **D**)

Fur Elise

A: **A minor** (prompt on **A**)

Moonlight Sonata

A: **C sharp major** (prompt **C** or **C sharp** or **C major**)

14. Answer these questions concerning computer languages for the stated number of points.

For 5, not to be confused with the mathematician, Niklaus Wirth built this language upon ALGOL.

A: **Pascal**

For 10, this language is the basis of Linux.

A: **Unix**

For 5, this language was developed between 1959 and 1961 and was established as a required language by the US Department of Defense.

A: **COBOL** (pronounced "co" + "ball")

For 10, expand the acronym COBOL.

A: **Common Business-Oriented Language**

15. Answer these questions about the 50 greatest basketball players of all time FTPE.

Drafted third in 1984 by the Chicago Bulls, he is the third-leading scorer of all time, and currently plays for the Washington Wizards.

A: Michael **Jordan** (also accept **MJ**)

Drafted first by the Houston Rockets in the 1984, he won NBA finals in 1994 and 1995 with Houston.

A: Hakeem **Olajuwon**

The only player to lead the NCAA, ABA, and the NBA in scoring, he has the second highest free throw percentage of all time.

A: Rick **Barry**

16. FTPE, name the Time Person of the Year from clues.

This lawyer and preacher of non-violence, the Time Person of the Year in 1930, led India to independence, and preached non-violence.

A: Mohandas Kirumchand **Gandhi** (also accept **Mahatma Gandhi**)

The first Time Person of the Year in 1927, he flew the *Spirit of St. Louis* solo across the Atlantic.

A: Charles Augustus **Lindbergh**

In 1982, Time gave the Person of the Year award to this machine, calling it the Machine of the Year Award.

A: the **Computer**

17. Answer following about tort law, FTPE.

Mistaken belief to ownership of land is no defense to this tort, as malice and knowledgeability are not required to prove this unauthorized entry upon land.

A: **trespassing** (also accept **trespass**)

It can occur even if true statements are made with no context or justification for making them

without consent. Identify this attacking of a person's character as through slander or libel.

A: **defamation**

Under this condition, the degree of care of exercised by the manufacturer and supplier is irrelevant; if the product is defective and therefore causes harm, he or she will be responsible.

A: **strict** liability

18. FTPE, identify the following from Lewis Carroll's Alice in Wonderland.

This grinning cat claims to be mad and can appear and disappear at will.

A: **Cheshire Cat**

This hookah-smoking insect is unfriendly but gives Alice the means to change her size at will.

A: **Caterpillar**

Submitting her cook to verbal abuse, this woman mistreats her baby and orders Alice's beheading after hearing Alice say "axis."

A: **Duchess**

19. The current UN Security Council is deeply divided over the current issues with Iraq. FTPE, answer the following questions about the nations who have seats on the council.

Out of the original five permanent nations, only these two have been represented by more than one government in their history on the council.

A: **Russia** and **China**

Identify the country that currently holds the presidency in the Security Council.

A: **Guinea**

Name the other two non-permanent members on the Security Council that are African countries.

A: **Angola** and **Cameroon**

20. FTPE, name the American artist from clues given.

This New York artist painted works characterized by loneliness. Two of his best known works are Early Sunday Morning and Nighthawks.

A: Edward **Hopper**

This Pennsylvania artist's most famous work is The Clinic of Dr. Gross, also called The Gross Clinic.

A: Thomas Cowperthwait **Eakins**

This South Carolina pop-artist is perhaps most famous for his images of flags and targets and for working in encaustic.

A: Jasper **Johns**