

Round 3  
Toss-Ups

1. Grievances presented here included illegal English-French trade without Indian middlemen and fears of hostile French forces. Ben Franklin developed a system with a royal president and colonial legislature to deal chiefly with Indian affairs and defense. FTP, 23 delegates and 150 Iroquois formed a failed plan of union in this meeting named after the capital of New York.  
A: Albany Congress (prompt on Albany or Albany Plan of Union)
2. This caution arguably weakened law-enforcement agencies while seeking to secure the Fifth Amendment. It originated under Chief Justice Warren as a consequence of police interrogation methods to obtain a confession in a rape and murder case in Arizona. FTP, name this statement read to suspects that begins, "You have the right to remain silent."  
A: Miranda warnings (do not accept Miranda v Arizona because the question starts "This caution")
3. Frederick III the Wise convinced the Holy Roman Emperor to hold this hearing for his subject's heretic books. The political authorities were challenged to find an error by Scripture or by reason in the works, leading to disorder and adjournment for the day. FTP, name the 1521 legislative meeting where Martin Luther defended his conscience with a name like a bird's eating menu.  
A: Diet of Worms
4. Chao Cheng led his small state to power, unifying the nation with a harsh government. The dynasty saw writing and measuring systems standardized, feudal privileges abolished, major construction projects begun, and books burned. FTP, name this short-lived dynasty from 221-206 BC of the First Emperor of China and Great Wall whose high taxes led to the Han rebellion.  
A: Ch'in Dynasty (accept close pronunciations)
5. Okun's law states that for every percentage point by which it is exceeded, the GDP gap grows by 2 percent. It makes the long-run Philip's Curve vertical. Lower rates may cause inflation, and it cannot be reduced by increasing aggregate demand. FTP, name this rate proposed by Friedman, 4% in the US in 2000, where the number of job seekers equals the number of job vacancies.  
A: natural rate of unemployment (also accept natural unemployment rate or non-accelerating inflation rate of unemployment, prompt on rate of unemployment or unemployment rate or unemployment)
6. It it it came down down down on Piglet, forcing Pooh to come to the rescue. Mount Waialeale, beats second place Cherrapunji, by about 270 mm annually for the most of it. Less than 4 mm in diameter, it is classified by fall rates of light, moderate, and heavy, and reduces visibility. FTP, name this desert scarcity brought by monsoon winds composed of coalesced water droplets.  
A: Rain
7. St. Pancras Station in the real world, Dirk Gently enters this hall and is nearly swooped on by eagles. Roofed with shields and built with 540 doors, the mythical palace hosts men who feast on boar flesh and liquor from goat udders while fighting each other for sport. FTP, name this

Norse Hall of Asgard where Odin amasses slain warriors for Ragnarök.

A: **Valhalla** (also accept **Valhöll**)

8. \$1.87 is not enough for the protagonist to buy her husband the Christmas presents he wants. Della sacrifices her beautiful hair to buy Jim a watch chain, but Jim sells his watch to buy Della a set of combs, so they both lose their two prized possessions. FTP, name this O'Henry short story about unselfish giving with a twist that has a titular reference to a wise man's present.

A: The **Gift of the Magi**

9. The first two rules are the same. The narrator buys furniture that describes him as a person and attends disease support groups. Following Bob's death, Jack realizes he is soap-maker Tyler, but can't stop the bombing of credit-card company buildings by Project Mayhem. FTP, name this movie titled after the 8-ruled organization where men relieve stress by beating each other up.

A: **Fight Club** (accept **Project Mayhem** before "narrator" in the 2<sup>nd</sup> sentence)

10. Worth up to \$30,000 on the Black Market, this legendary twin of the human Ata Modo, with whom its survival is intertwined, made headlines in 2001 for biting Phil Bronstein. Since it often bites through its own gums while chewing, its shark-like serrated teeth harbor at least 4 types of toxic bacteria. FTP, name this 10 foot lizard mainly found on its namesake Indonesian isle.

A: **komodo dragon**

11. Occupant of Box Five, this Parisian emerges from his liar to tutor and disappears there at the end of the musical. When Il Muto is performed, he causes Carlotta to croak, drops the garroted body of Joseph Buquet to the stage, and makes the chandelier fall down. FTP, name this protagonist of a Webber musical by the same name discriminated and masked because of his deformed face.

A: **Phantom** of the Opera

12. 7 was the irrationality and transcendence of certain numbers, 10 regarded solving Diophantine equations, and 20 concerned boundary values. In 1974, a symposium discussed progress and developments on them. FTP, name these 23 problems named after the man that presented them in 1900 as the major math problems to be solved to further mathematics in the coming century.

A: **Hilbert's 23 Problems**

13. Vietnam probably wouldn't qualify because it was a lost cause, while the American Revolution probably would since numerous peaceful options had been tried. World War II qualifies because it redressed a wrong and established a better peace. FTP, name this theory promulgated by Thomas Aquinas when rationalizing the Crusades, a criteria that determines if war is acceptable.

A: **Just** War

14. The process for finding the mean would be written as follows: define variables, assign values, sum variables, divide by number of variables, display quotient. A vital step in programming, it cannot be compiled and can be written without knowing a programming language. FTP, name this program outline written before the actual program to focus on algorithms rather than syntax.

A: **Pseudo Code**

15. Tracing its code of honor to the ancient "Flowering Youth," its first students were soldiers under General Choi. The ITF's 24 tuls represent the hours in a day, or a man's life, while the WTF's poomses originate from hexagrams found in the I Ching. FTP, name this art that began around 1960 as a version of Shotokan Karate, an Olympic sport since 2000 and the martial art of Korea.  
A: **tae kwon do**
16. Originally financed with \$6,000, this project was budgeted at over \$2 billion by the time a test fused an 800-yard-radius circle of sand into glass. Clinton Engineer Works and Hanford Engineer Works produced uranium 235 and plutonium 239 while Fermi controlled fission chain reactions in Chicago. FTP, name this research endeavor that produced the first atomic bombs.  
A: the **Manhattan** Project
17. The first required factories to post large display boards indicating worker output, with poor work records justifying execution. The second and third sought to further iron, steel, electrical power, and transportation developments, but also missed their production targets. FTP, identify Stalin's failed growth initiatives, the first from 1928-33, named after the length of time they were to last.  
A: **Five Year Plans**
18. Due to time constraints, the composer couldn't practice it on a keyboard at his home Ivanovka and had to practice on a silent keyboard while sailing to New York in 1909. Dedicated to Josef Hofmann, the work has 4 cuts sanctioned by the composer and has been recorded four times by both Horowitz and Ashkenazy. FTP, name this Rachmaninoff work featured in the movie Shine.  
A: Rachmaninoff's **third piano concerto** (also accept Rachmaninoff's **piano concerto #3**)
19. Believed to be a mortal blow to the Republican Party, this decision was the 2<sup>nd</sup> time the Supreme Court had declared an act of Congress unconstitutional. The court applied Missouri law to a temporary Illinois residence two days after Buchanan was inaugurated. FTP, name this decision where Chief Justice Taney declared blacks had no rights after a slave sued for freedom in 1857.  
A: **Dred Scott** Decision (also accept **Dred Scott v. Sanford**)
20. Classified as unconjugated, hepatocellular, or cholestatic, many babies develop this disease, hard to notice in artificial lighting. A symptom of another bodily disturbance, prolonged cases in adults lead to loss of vitamin K retention and bleeding as liver cells are either undersupplied or damaged. FTP, name this disease caused by an excess of bilirubin that tints the subject yellow.  
A: **Jaundice**

Boni

1. FTPE, answer the following questions related to the Franco-Prussian War.  
This site saw the largest army taken in the field to date defeated, with nearly 100,000 and the French Emperor taken as prisoners of war.  
A: Sedan  
Leon Gambetta escaped by balloon to try to raise new armies while this city lay under siege from September 19, 1870 until it surrendered in January 28, 1871.  
A: Paris  
This was the name of the government the Parisian workers set up in the 1871 spring revolt that led the city to be besieged again, this time by the troops of the French government.  
A: Commune
2. Answer the following questions about events in American history around 1948 FTPE.  
A change from the Wagner Act, this act outlawed closed shop, limited union ability to strike, and made efforts to more clearly define unfair labor practices by unions and employers.  
A: Taft-Hartley Act  
The Soviet blockade of the Allied part of the East German capital led to this 11-month Allied effort to fly in 2,323,738 tons of food, fuel, machinery, and other supplies at a cost of \$224 million.  
A: Berlin Airlift  
Give the now famous but incorrect headline published after the Election of 1948 by inexperienced staffers of the Chicago Tribune.  
A: Dewey Defeats Truman (do not accept any other answer)
3. Answer the following about a mystery short story FTPE.  
The narrator met this French first detective, the model for Sherlock Holmes, looking for the same very rare volume at an obscure library in the Rue Montmartre.  
A: Monsieur C. Auguste Dupin  
Auguste Dupin appears in this Poe story where he has to solve a pair of vicious homicides clearly impossible by human hands.  
A: Murders in the Rue Morgue (do not accept Murder in the Rue Morgue)  
Identify the beastly murderer that possessed the super-human strength.  
A: an Orangutan
4. Name these obvious-sounding mathematical concepts FTPE.  
This property states an element equals itself.  
A: Reflexive Property of Equality  
Given angle C is divided into angle A and angle B, the measure of angle A summed with the measure of angle B is the measure of angle C.  
A: Angle Addition Postulate (Prompt on Angle Addition, do not accept Angle Addition Theorem)  
Once two triangles are proven to be congruent, this concept states that every aspect of the two triangles is congruent.  
A: Corresponding Parts of Congruent Triangles are Congruent (accept CPCTC)

5. Identify the following groups FTPE.

Pol Pot led this armed wing of the Communist Party of Kampuchea to a successful capture of Phnom Penh in April 1975 only to be overthrown by the Vietnamese in 1979.

A: **Khmer Rouge**

This nationalist group was founded in 1950 to fight French rule with Vietnamese nationalists and formed their own government after the US-backed Vietnamese government fell in May 1975.

A: **Pathet Lao**

The military arm of the National Liberation Front that carried out guerilla warfare including raids during the Tet offensive before the People's Army of Vietnam took over their combat role.

A: **Vietcong** (also accept **People's Liberation Armed Forces**, prompt on **VC** or **PLAF**)

6. Answer the following questions about a Civil War battle FTPE.

The Confederate port on the Gulf of Mexico was guarded by Fort Morgan, the ironclad ship the Tennessee, and mines called torpedoes.

A: **Mobile Bay**

This Union captain shouted, "Damn the torpedoes. Full speed ahead," after watching the Tecumseh sunk by a torpedo.

A: David **Farragut**

Name Captain Farragut's ship which lead the fleet through torpedo field to defeat the Tennessee and take the last major Confederate port.

A: **Hartford**

7. Answer the following about objects seen in space FTPE.

Latin for new, this is any class of exploding stars who luminosity temporarily increases up to 100,000 times.

A: **nova**

This term was once applied to any object with diffuse appearance. The extragalactic type contained stars and gas, the galactic type contained interstellar medium like gas and dust.

A: **nebula**

Only seven of these massive explosions that destroy stars had been recorded before the early 17th century, the most famous of which left behind the Crab Nebula in AD 1054.

A: **supernova**

8. Answer the following about a religion for the stated number of points.

For 5, this religion literally means "the way of kami."

A: **Shinto**

For 10, this type of Shinto consists of 13 major groups, each organized into a religious body by a founder, created in a movement beginning in Japan around the 19th century

A: **Sect Shinto** (also accept **Kyoha Shinto**)

For 5 points each, Amaterasu gave these three sacred treasures, still the most revered symbols of the imperial household, to her grandson.

A: **mirror**, **sword**, **jewels**

9. Answer the following regarding a play about a Frenchman FTPE.

This guardsman, infamous for his enormous nose, is renowned in Paris for his bravery and charming verse.

A: **Cyrano de Bergerac** (prompt on de Bergerac)

Cyrano's wealthy and beautiful cousin, this woman loves Christian's looks and Cyrano's words.

A: **Roxane**

After marriage with Roxane, Christian and the company of Captain de Castel-Jaloux are called to the siege of this place where Christian is mortally wounded.

A: **Arras**

10. Answer the following about a famous skull.

Found in England in the mid-1930's, this skull predates Neanderthal man and showed minor differences from those of modern humans, particularly in the occipital bone.

A: **Swanscombe** skull

This is the city where the skull was found in the well-stratified gravels of the Thames River.

A: **Kent**

The skull and other uncovered fossils were dated to this period, about 200,000 years ago.

A: **Second Interglacial Period** (also accept **Mindel-Riss Interglacial Period**)

11. Name the following Simon and Garfunkel songs FTPE.

A tribute to the title woman, this song includes the lines, "Jesus loves you more than you will know," and, "Heaven holds a place for those who pray."

A: **Mrs. Robinson**

Popularized by Simon and Garfunkel in the album "Parsley, Sage, Rosemary, and Thyme," the English folk song dates back to a major trading event in a seaside resort town.

A: **Scarborough Fair**

This strange song with a self-contradicting title regarding noise begins, "Hello darkness, my old friend, I've come to talk with you again."

A: The **Sounds of Silence**

12. FTPE, name the woman for which the archery feat was completed.

A bow only its owner could bend and string was used to shoot an arrow through 12 rings on axe hafts.

A: **Penelope**

The bow of Emperor Janaka of Mithila was raised, bent, strung and broken by the eldest son of Emperor Dasaratha.

A: **Sita**

In some stories, a bow is used to save her from Guy of Gisborne or King John, while in other versions she's as good an archer and swordsman as her famed lover.

A: Maid **Marian**

13. 5-10-15, answer the following questions about pelagic organisms.

For 5, including holoplankton and meroplankton, this is the group of floating or weakly swimming organisms.

A: **Zooplankton**

For 10, the primary oceanic food source, these free-floating flora are composed of groups with siliceous skeletons, such as diatoms, dinoflagellates, and coccolithophores.

A: **Phytoplankton**

For 15, composed of all pelagic animals that can swim freely, chordata, mollusca, and arthropoda

are the three phyla represented by adult forms of this classification.

A: **Nekton**

14. Answer these questions about the nuclear arms race for FTPE.

Suggested by Johnson in 1967, Nixon and Brezhnev made this series of agreements to restrain the nuclear race concerning long-range missiles in 1972.

A: **Strategic Arms Limitation Talks I** (also accept **SALT I**, prompt on **SALT**)

Signed in 1972, this treaty regulated missiles meant to destroy incoming ICBM's to preserve the deterrent effect of the American and Soviet arsenals.

A: **Treaty on Anti-Ballistic Missiles** (also accept **ABM Treaty**, prompt on **ABM**)

These negotiations began in Geneva in 1982 when Reagan proposed radical decreases of nuclear warheads and ended with a comprehensive agreement by Bush and Gorbachev in 1991.

A: **Strategic Arms Reduction Talks** (also accept **START**)

15. Answer these questions concerning Charlemagne FTPE.

Charlemagne was born about 742 AD as the eldest son to this Frankish leader.

A: **Pepin the Short**

As king of the Franks and emperor of the Romans, Charlemagne presided over this cultural and legal rebirth named after the ruling dynasty.

A: **Carolingian Renaissance**

Charlemagne's first move to expand his empire came against this last non-Christian tribe located in what is now northwestern Germany.

A: **Saxons**

16. Answer these following questions about nuclear chemistry FTPE.

Bearing a -1 charge with 0 mass, these are emitted when an atom undergoes beta decay.

A: **electrons**

Called "triple-weight hydrogen," this isotope is very rarely found in the environment.

A: **tritium**

Deuterons were collided with this element, the heaviest element that occurs in nature, to form Neptunium.

A: **Uranium**

17. Answer these questions about mathematicians FTPE.

This German mathematician developed "the calculus" at the same time as Isaac Newton.

A: Wilhelm Gottfried **Leibniz**

Fermat's Last Theorem was finally proved in 1994 by this English mathematician studying at Princeton University.

A: Andrew **Wiles**

This British mathematician developed a Difference Engine, which could perform simple calculations with a precision of up to 31 digits.

A: Charles **Babbage**

18. FTPE, name these early psychological theories.

This Latin term refers to the Enlightenment idea that a child is born free of instinct or innate behavior.

A: **Tabula rasa**

Founded by Franz Joseph Gall and Johann Caspar Spurzheim, this school of thought held that personality and intelligence traits could be determined by measuring the shapes of the skull.

A: **Phrenology**

This idea's Viennese namesake asserted in 1772 that a power he called animal magnetism had healing effects on the body. It was a direct precursor to hypnotism.

A: **Mesmerism**

19. FTPE, identify the ways thermal energy is transferred given characteristics.

This method does not depend on the presence of matter. Solar energy is transmitted this way.

A: **Radiation**

This involves the transfer of kinetic energy when the particles collide; such as how a metal spoon touching a stove gets hot.

A: **Conduction**

This is responsible for climate changes and temperature and involves the movement of liquids caused by different densities at different temperatures.

A: **Convection**

20. FTPE, name the English monarch from clues.

He was the third and last Plantagenet monarch of the Yorkist line. His nickname was Crookback and he ruled from 1483-1485.

A: **Richard III**

He was the last monarch of the Restored House of Wessex. He ruled in 1066 and was defeated by William of Normandy.

A: **Harold II**

He was the first English monarch and a member of the house of Wessex. He ruled from 802-839.

A: **Egbert**