Tossups

1. Developed in 1857 by T. Lauder Brunton of Edinburgh, this compound was superceded by nitroglycerin for use in angina and other heart problems, and is used today medicinally as an antidote to cyanide poisoning. It is classified as a nitrovasodilator, and it is an ester of isoamyl alcohol with nitrous acid, but it is used commonly today as a "club drug", popularly in the gay community because, when inhaled, it delays ejaculation and relaxes the sphincter. FTP, identify this compound whose street names include locker room, snappers, and poppers.
Answer: **amyl nitrate**

2. Some of his later published works include *Tsotsi* and *Notebooks 1960-1977*. A resident of Port Elizabeth, many of his plays are set there, including the trilogy made up of *Hello and Goodbye*, *Boesman and Lena* and *Blood Knot*, the first play performed with a mixed cast in his country. Better known for 1982's *Master Harold and the Boys*, for ten points, name this South African playwright, whose masterpieces also include *Sizwe Banzi Is Dead* and *The Island*.
ANSWER: Athol **Fugard**

3. Born in Basel, this man was a student of Johann Bernoulli and led such a distinguished career that he want to Berlin for twenty-five years at the invitation of Frederick the Great. Some of his research was into the motion and positions of the moon, which led him into the field of fluid mechanics. He enlarged mathematical notation and developed a theory of differential equations as well as the calculus of variations. FTP, name this mathematician whose number is useful in the summation of particular series.
Answer: Leonhard **Euler**

4. Written for the Press Celebrations held in November, 1899, this piece was orginally the final section to a four part tableaux, in which the titular location "awakes". Due to the national feeling it stirred, the piece was forced to be performed under the title "Impromptu" and words were written for it by Waino Sola in 1937. FTP, identify this nationalistic work by Jean Sibelius.
Answer: **Finlandia**

5. Located on the only continent that has been cooling over the past fourteen years, this area covers about 6,000 square miles. With 2 inches of annual precipitation accompanied by subzero temperatures and howling winds, this is one of the driest areas in the world. Name this Antarctic region that NASA uses as a test track for Mars exploration.
Answer: The **Dry Valleys**

6. In *The School for Husbands*, he and his brother Ariste are the guardians of two young

orphans, Isabelle and Leonore. In *The Forced Marriage*, he is a septuagenarian who promises marriage to the teenager Dorimene. In *The Doctor In Spite of Himself*, he is a woodcutter who eventually sees through his wife Martine's ruse. For ten points, identify this common name from the comedies of Moliere, an eponymous character in the 1660 work *The Imaginary Cuckold*.
ANSWER: **Sganarelle**

7. Taking place in the year 2026, this films opens with the thinker Freder Fredersen, played by Gustav Froehlich (FROE-lick), seeing the woman Maria, played by Brigitte Helm, emerge from a fountain. Although she is dismissed as the daughter of a worker, Freder follows her to an underground city. Freder is the son of Joh, the master of the titular location. The workers revolt against the thinkers, and Freder assumes the role of mediator. Filled with symbolic religious imagery, this is, FTP, what 1926 sci-fi classic directed by Fritz Lang?
Answer: **Metropolis**

8. In April 2000, obsessed 19-year old student Karen Burke held this professor at the University of Warwick hostage in her own home. Author of a 1991 book about menopause entitled *The Change*, she criticizes the efforts of the health industry to manage women's bodies in her most recent book, *The Whole Woman*, which serves as a sequel to the 1970 book which made her famous. FTP, name this Australian-born feminist who railed against female sexual passivity in *The Female Eunuch*.
Answer: Germaine **Greer**

9. This state had five different governors over an eight-day span earlier this year. This came about because, along with New Hampshire, this state only has one state wide elected official. A split of the state Senate caused part of the problem, as both party leaders will serve. FTP name this state which now had John Bennett, Richard Codey, John J. Farmer, Jr, Donald DiFrancesco, and James McGreevey all serve as Governor.
Answer: **New Jersey**

10. He was elected to the offices of quaestor, aedile, praetor, and consul on his first try and at the earliest age at which he was legally allowed to run for them. After being allowed to return to Rome after his exile, he wrote On the Laws, On the Orator, and On the Republic between 55 to 51 BCE. He would eventually be murdered on the orders of Mark Antony. FTP, name this Roman politician, most famous for his Philippics and for exposing the Cataline Conspiracy.
Answer: Marcus Tullius **Cicero**

11. After the initial plan of attack at Fort Detroit failed due to information being leaked by a Chippewa woman to her lover the commander of the fort, open warfare ensued and the Native American forces were able to destroy almost every British fort west of Niagara except for Fort Pitt and Fort Detroit. The relief forces of Fort Pitt were able to defeat the Native American forces at Bushy Run, and peace came soon after. FTP, name this rebellion named after the chief of the Ottawa Indians that led the uprising.
Answer: **Pontiac's** Rebellion

12. In this work, Ptolemy proposed a geometric theory to account mathematically for the apparent motions and positions of the planets, sun, and moon against a background of unmoving stars. This work did not include any physical descriptions of objects in space. Written in Greek, the name it is known by comes from when it was translated into Arabic. FTP name this earliest and most famous work of Ptolemy.
Answer: The **Almagest**

13. Once this condition takes hold, it is very difficult to correct. Fiscal and monetary policies aimed at stimulating the economy only exacerbate part of the problem. Tight money policies, on the other hand, amplify the other part of the problem. It was once thought that this economic condition was not possible. FTP name this economic condition that occurred in the 1970s in which inflation and a lack of growth coincide.
Answer: **stagflation**

14. The final compilation of this work was made during the rule of Judah ha-Nasi. It is divided into six Orders: Zeraim, Moeds, Nashim, Nezikim, Kodashim, and Tohorot. Each order is divided into tractates, which are in turn divided into chapters. The penultimate tractate of the fourth Order is called Avot or Pirke Avot, and consists of general religious and moral sayings. FTP, name this codified collection of Oral Law-legal interpretations of portions of certain biblical books, that along with the Gemara, comprises the Talmud.
Answer: **Mishna**

15. He was active in the transport strike of 1913 and an active member of the Irish Citizens Army; however, he is better known for his writing, including his six-part autobiography; the first part, *I Knock at the Door*, was published in 1939. His 1928 play *The Silver Tassie* ended his relationship with the Abbey Theatre, which was the site of his best works. For ten points, name this Irish playwright of *The Shadow of a Gunman, Juno and the Paycock*, and *The Plough and the Stars*.
ANSWER: Sean **O'Casey**

16. From 1946-1943 she was granted an extended leave from Columbia in order to serve with the Bureau of Overseas Intelligence of the Office of War Information. Her works emphasize the concepts of cultural configuration, national character, and the role of culture in individual personality formation. Her widely read books helped popularize the concept of culture and attacked racism and ethnocentrism. FTP name this woman who wrote such works as Patterns of Culture and The Chrysanthemum and the Sword.
Answer: Ruth **Benedict**

17. His 1976 autobiography *A Book* revealed that he was a man of production, more than just Babalu. Born in Santiago, Cuba, he started his versatile career in nightclubs, becoming popular with Latin rhythms. His first film and Broadway role was in "Too Many Girls," where he met his future wife. For ten points, identify this Cuban actor who was introduced to millions of households in the U.S. as Ricky Ricardo in "I Love Lucy."
ANSWER: Desi **Arnaz**

18. Richard Feynman believes that Sadi Carnot was the first person to formulate this idea,

but Thomas Kuhn and the general population attribute it to Rudolf Clausius and William Thomson. The central quantity in this law was termed "mixupedness" by Gibbs, and it helps to explain the impossibility of a perpetual motion machine. FTP, identify this law of thermodynamics that in its simplest terms states that entropy in a closed system never decreases.
Answer: **second law of thermodynamics**

19. Of all the major countries, only Germany, Italy, and Japan extended diplomatic recognition to this country. Used as a war base by Japan, the Japanese expanded industry and railroads while the Japanese army exerted strict control over the administration of the country. Its capital was renamed Xinjing from Changchun and Pu Yi ruled as regent and emperor. FTP, name this Japanese puppet state created from the three provinces of Northeast China after the Japanese invaded Manchuria in 1931.
Answer: **Manchukuo**

20. He attended Yale law school at the age of 14, and practiced in New Orleans after law school. Also a founder of the Illinois Central Railroad, he was a state legislator in Louisiana and was elected to the US Senate in 1852, becoming the first person of Jewish decent to be elected to the Senate. A conservative, he advocated that the South secede when Lincoln was elected president. FTP, name this man, who held cabinet positions of Attorney General, Secretary of War, and Secretary of State under Jefferson Davis.
Answer: Judah P. **Benjamin**

21. Within a year of their creation the new Mirage Studios met with animation producers to start a cartoon series that debuted in 1987 and lasted through 1996, when a short-lived life action version, The Next Mutation, took over. Created by Kevin Eastman and Peter Laird and appearing in three movies and countless video games in the early 1990s, for ten points, name these reptilian characters with the names of Renaissance artists.
ANSWER: **Teenage Mutant Ninja Turtles**

22. These creatures' names mean "three lobed" and their bodies consist of two pleural lobes on either side of a central axial lobe. The three main body parts are the cephalon, a segmented thorax, and a pygidium. There are of 15,000 species of this creature, with new species being discovered every year, but they constitute an extinct class of arthropods that developed in the paleozoic era. FTP, identify these creatures.
Answer: **trilobites**

23. A tapestry dominates the left side of the painting draping over a chair in the lower left corner, and it blocks the window that is presumable the light source for the room. A map is at the back wall, behind a woman holding in her hands a sort of trombone and a book. The floor is black and white tile, and a man sits at the right composing a picture of the woman. FTP, this describes what painting by Jan Vermeer?
Answer: **The Art of Painting**

24. Topics they taught included rhetoric, politics, grammar, etymology, history, physics, and mathematics. They wandered about Greece from place to place and taught for a large sum of money, the first in Greece to take fees for teaching wisdom. The philosophical

school had taken on negative meaning by Aristotle's time, and he defined one as one who reasons falsely for gain. FTP, name this philosophical school whose most famous member was Protagoras of Abdera.
Answer: **Sophists**

25. The play begins and ends with the appearance and disappearance of Amor, son of Venus. He appears as a shepherd, ready to aim his arrows at Diana's most stubborn nymph, Silvia, who has repulsed all her suitors. Daphne tries to convince her to look into the eponymous shepherd, but she rejects him as Tirsi predicts, even when he rescues her from Satiro. However, they eventually wed in, for ten points, this 1573 Renaissance pastoral play by Tasso.
ANSWER: **Aminta**

8th annual Juan Carlos Viscerra tournament

Round 6

Questions by Maryland A

Tossups

1. Given a signer of the Declaration of Independence, identify which colony that signer represented, FTP each:
a) Button Gwinette   Answer: **Georgia**
b) Alexander Hamilton   Answer: **New York**
c) Josiah Bartlett   Answer: **New Hampshire**

2. Identify the composers of the following ballets, FTSNOP.
a. For five, The Nutcracker
Answer: Peter **Tschaikovsky**
b. For five, Petrushka
Answer: Igor **Stravinsky**
c. For ten, Giselle
Answer: Adolphe **Adam**
d. For ten, The Last Emperor (hint, it was the same person who did the score for the movie)
Answer: Su **Cong**

3. Identify the historical labor groups from descriptions FTPE.
a.Organized in 1854 to fight the mine operators, they were a secret militant organization of Irish miners working in the Pennsylvania coal mines.
Answer: **Molly Maguires**
b. Founded in 1905 in Chicago and comprised of mostly unskilled workers, they wanted to create one big union of all workers. They were also nicknamed the Wooblies.
Answer: **Industrial Workers of the World** (or **IWW**)
c. Founded by Asa Philip Randolph, this was the first African-American union.

Answer: **Brotherhood of Sleeping Car Porters**

4.Answer these questions about Yosemite National Park for TPE.
a. This mountain, often used as a symbol of the park, appears as if part of it has been lost.
Answer: **Half Dome**
b. At 9,945 feet, it is the main east entrance to the park.
Answer: **Tioga P**ass
c. This is the principle river flowing through the park.
Answer: **Merced** River

5. Identify the following organic chemistry reactions, none of which is Markovnikov, TPE.
a. This is the acid-catalyzed formation of ethyl acetate from acetic acid and ethanol that is reversible.
Answer: **Fischer esterification**
b. Conjugative addition of carbon nucleophiles to unsaturated esters, ketones, nitriles, sulfones and other activated double bonds is known as this.
Answer: **Michael reaction** (accept Michael's)
c. This reaction is the addition of a diene to a dienophile yielding a six-membered ring.
Answer: **Diels-Alder** addition, reaction, whatever

6. Aristophanes play from description. Ten points each.
a. Philocleon, a foolish old man who loves jury duty, holds trials in his home when his son finally relents, one of which involves a dog being tried for stealing cheese.
ANSWER: The **Wasps**
b. Do not confuse Sophists with Sophocles in this play, where Strepsiades encourages his son Phidippides to attend the Thinkery so the son may use his skills of argument to evade the father's creditors.
ANSWER: The **Clouds**
c. Dionysus, unhappy with the state of drama, travels with Xanthias down to Hades to bring back Euripides, but instead returns Aeschylus to life.
ANSWER: The **Frogs**

7. Thirty-twenty-ten. Identify the common-sounding surname.
[30] John William, the English author of 1927's An Experiment with Time and 1938's The New Immortality, attempts to demonstrate through mathematics the immortality of the soul and the principle of serialism.
[20] Finley Peter's famous essays about an imaginary Irish saloon owner, which appeared in Chicago's "Evening Post," are included in part in 1898's *Mr. Dooley in Peace and War* and *Mr. Dooley in the Hearts of His Country*men.
[10] John, the metaphysical English poet of the late 16th and early 17th century, created such collections as *The Anniversaries*, *The Devotions Upon Emergent Occasions* and 1610's *Pseudo-Martyr*.
ANSWER: **Dunne** or **Donne**

8. Identify the following about the parts of the brain, TPE.
a. This part controls all the voluntary or skeletal movements. It contains half the brains neurons, but only constitutes 10% of the brain's weight.
Answer: **Cerebellum**
b. This part of the brain stem, Latin for "bridge" connects the halves of the cerbellum.
Answer: **Pons**
c. This is the egg-shaped part of the brain right below the cerebrum that is the routing center for all incoming sensory impulses.
Answer: **Thalamus**

9. Answer these related questions for the stated number of points.
[10] For ten points, a headline in the September 26th issue of The Onion compares the terrorist attacks on America to a bad movie by this director.
ANSWER: Jerry **Bruckheimer**
[5] For five points, this movie, released January 18th everywhere aside from New York and Los Angeles, is Jerry Bruckheimer's latest action or disaster movie.
ANSWER: **Black Hawk Down**
[10/15] *Black Hawk Down: A Story of Modern War* is a 1997 series of newspaper articles that was later placed into novel form. Ten for one and fifteen for both, identify the author and the newspaper in which the articles were published.
ANSWERS: Mark **Bowden** and **Philadelphia Enquirer**

10. Answer the following questions about Maslow's Hierarchy of needs for ten points each.
a. These needs are at the bottom of the pyramid. Without them, death would probably result.
Answer: **Biological** or **Physiological** Needs
b. The second set of are these needs, more commonly felt by children than adults.
Answer: **Security** or **Safety** Needs
c. The fourth set of needs are this kind that comes from both the person and others.
Answer: **Ego** or **Esteem** Needs

11. Identify the following films of George Cukor, FTSNOP.
a. For five points, Cukor was fired from this film after ten days, and was called a "woman's director" by Clark Gable. Recent speculation is that Gable was upset by the amount of attention to his costar, Vivian Leigh. Victor Fleming would later get credit for this 1939 film.
Answer: **Gone with the Wind**
b. For ten points, Cukor directed Judy Garland in this 1954 adaptation of a 1937 film.
Answer: **A Star Is Born**
c. For fifteen, Cukor directed Dean Martin and Marilyn Monroe in this unfinished remake of "My Favorite Wife". This 1962 film would be the last worked on by Monroe.
Answer: **Something's Got to Give**

12. Answer these questions about the Euro for the stated number of points.
a. For 5, into what is a Euro divided?

A: **Cents** or **Eurocents**

b. For 10, what country decided to make only the euro legal tender from January 1 on, making it the de facto currency of Macedonia and Montenegro as well?
Answer: **Germany**

c. For five points each, name the three members of the European Union that did not give up their currency in favor of the Euro.
Answer: **Britain**, **Denmark**, and **Sweden**

13. Name the battle of WWI from descriptions FTPE.
a. This battle saw the introduction of the tank in the battlefield, and the British had good success against the Hindenburg line but failed to follow up.
Answer: Battle of **Cambrai**

b. The only major naval action of the war, both sides in this clash between the German and British fleets claimed victory. The British were led by Admiral Jellicoe.
A: Battle of **Jutland**

c. This battle saw a great victory for Hindenburg and Ludendorff and the Russian general Samsonov committing suicide. 95,000 Russian troops were captured and about 30,000 were killed and wounded.
Answer: Battle of **Tannenberg**

14. Identify works of William Somerset Maugham for ten points each.
a. Philip Carey has an affair with the waitress Mildred but eventually settles down and becomes a country doctor in this semi-autobiographical work.
ANSWER: **Of Human Bondage**

b. The stockbroker Charles Strickland runs off to Tahiti to become a painter in this work based closely on the life of Paul Gauguin.
ANSWER: The **Moon and Sixpence**

c. Kear, based on the novelist Hugh Walpole, and Ashenden, based on Maugham, examine the life of the Victorian writer Druffield, rumored to be based on Thomas Hardy, and his first wife, the barmaid Rosie.
ANSWER: **Cakes and Ale**

15. Given the inventor, name the programming language, 5PE with a five point bonus for all correct.
a. John McCarthy   Answer: **LISP**
b. Grace Hopper   Answer: **COBOL**
c. John Kemeny and Thomas Kurtz Answer: **BASIC**
d. Dennis Ritchie   Answer: **C**
e. Bjarne Stroustrup   Answer: **C++**

16. Answer the following questions about one of "sports' greatest upsets," Super Bowl III, for the stated number of points.
[5,5] For five points each, name the two quarterbacks that played in the game for the Baltimore Colts.
ANSWERS: Earl **Morrell** and Johnny **Unitas**
[5,5] For five points each, name the coaches of both the Jets and the Colts.

ANSWERS: Weeb **Ewbank** and Don **Shula**
[10] For a final ten points, Super Bowl III was played in this stadium.
ANSWER: **Orange Bowl**

17. Name the following fields of language study for the stated number of points.
a. For 5, this is the study concerned with the physical properties of sounds.
Answer: **Phonetics**
b. For 10, This is the study of how words combine to make sentences.
Answer: **Syntax**
c. This is the study of the way that sounds are used in individual languages.
Answer: **Phonology**

18. Given the Secretary of State, name the President he served under for ten points each.
a. William Jennings Bryan
Answer: Woodrow **Wilson**
b. John Marshall
Answer: John **Adams**
c. Daniel Webster
Answer: Millard **Fillmore**

19. Answer the following questions about works by Mark Twain for the stated number of points.
a. For 5, in this novel, Edward VI of England and Tom Canty switch places.
Answer: The **Prince and the Pauper**
b. For 10, this story, based on actual events, tells of Jim Smiley and a bet that he makes with a stranger about the abilities of his pet.
Answer: The **Celebrated Jumping Frog of Calaveras County**
c. For 15, this 1872 work recounts his early adventures as a miner and journalist.
Answer: **Roughing It**

20. Answer the following about an opera, TPE.
a. Based on a novel by Henry Murger, this opera follows the trials of poor artists living in Paris.
Answer: **La Boheme**
b. Both Puccini and this composer of Pagliacci wrote versions of La Boheme.
Answer: Ruggero **Leoncavallo**
c. The story centers around Rodolfo's love for the tuberculosis-ridden Mimi. Identify any of Rodolfo's roommates in the Puccini version for ten points.
Answer: **Marcello**, **Schaunard**, or **Colline**

21. Name the muse from their area of expertise FTPE.
a. History   Answer: **Clio**
b. Dancing   Answer: **Terpsichore**
c. Comedy and playful and idyllic poetry   Answer: **Thalia**

22. Name the Chinese Dynasty from a famous ruler FTPE.

a. Kublai Khan
Answer: **Yuan**
'b. Liu Pang or Han Kao-tsu
Answer: **Han**
c. Shih-Huang-Ti
Answer: **Ch'in**

23. Answer the following about something specific in physics, TPE.
a. This is an electrical circuit consisting of two dissimilar metals joined at each end that at different temperatures poduces an e.m.f.
Answer: **thermocouple**
b. The production of the e.m.f. is known as what effect?
Answer: **Seebeck** effect
c. The converse of the Seebeck effect, this effect states that if a current is produced in a metallic junction, the junction is either warmed or cooled.
Answer: **Peltier** effect

24. Given an occupation, give the patron saint FTPE.
a. Money managers   Answer: St. **Matthew**
b. Rope makers; rope braiders   Answer: St. **Paul**
c. Composers.   Answer: St. **Cecilia**

25. Name these figures of speech, FTP each:
a) This is conscious understatement in which emphasis is achieved by negation, as in "no mean feat."
Answer: **litotes**
b) This is a rhetorical device involving the repetition of a word or phrase at the start of several
consecutive sentences or clauses.
Answer: (ep)**anaphora**
c) This is a type of metonymy in which the part is used to imply the whole or vice versa, as in the use of "hired hands" to refer to employees.
Answer: **synecdoche**