Tossups:

1. **An MP3 player version was released in 2005 by Lincoln West Studios, adding a memory stick and headphone jack to the 1927 design created by Eduard Haas III. Invented in Austria, its design was similar to a cigarette** (*) lighter and it was first promoted as an alternative to smoking. But it wasn't until 1955 that heads were added, allowing the device to be marketed to children. For 10 points, name this collectible, pocket-sized candy dispenser.
answer: <u>PEZ</u> dispenser

2. **One runs for 57 miles through the Daniel Boone National Forest before joining the Kentucky. Another passes through northern Texas, forms Lake Texoma along the Oklahoma** (*) border, flows thorough south-western Arkansas, traverses Louisiana, and finally enters the Mississippi. A third runs through the former bed of ancient Lake Agassiz, flowing north for 315 miles to its delta on Lake Winnipeg. For 10 points—these three rivers share what common colorful name?
answer: <u>Red</u> River

3. **In his later life, he nurtured an obsession with visiting Tuva, though he never did. He won the Oersted medal for teaching, which is rather unsurprising given his love of the occupation. He modeled weak decay** (*), applied the Schrödinger equation to superfluidity, and worked on quantum electrodynamics. For 10 points, what physicist worked on both the Manhattan Project and the Rogers Commission and won the Nobel Prize for his work in electrodynamics in 1965?
answer: Richard <u>Feynman</u>

4. **Victims of this phenomenon include a group of stranded humans in Kurt Vonnegut's novel, *Galápagos*, giant pandas about 40,000 years ago and northern elephant seals and European bison in the late nineteenth century. Because the rate of** (*) genetic drift correlates inversely with population size, many alleles go to fixation during this event. For 10 points, give this term for the loss of genetic diversity during a period of small population size.
answer: population <u>bottleneck</u> or genetic <u>bottleneck</u> (prompt on <u>founder effect</u>)

5. **This battle was initiated by the Army of the Potomac's crossing of the Rapidan River. Confederate forces under Hill and Ewell were the first to engage Grant, who countered with divisions under Hancock and Warren. The Union momentum was** (*) broken on May 6, 1864, as Longstreet's First Corps, aided by General Gordon, arrived and drove back the Northern army. For 10 points—name this battle that took place in an eponymous central Virginia forest.
answer: Battle of the <u>Wilderness</u>

6. **His 1894 novel A Traveler From Altruria inspired a group of Berkeley Christian Socialists to found a community in Sonoma County, California. He wrote a campaign biography for** (*) Lincoln, earning him the post of U.S. Consul in Venice. An ardent defender of the realism of Henry James, he served as an editor of the Atlantic Monthly for fifteen years. For 10 points, name this American author of *A Modern Instance* and *The Rise of Silas Lapham*.
answer: William Dean Howells

7. **Popeye was created by Elzie Segar, the Kellogg-Briand pact went into effect, the Graf Zeppelin airship circled the globe, Trotsky was expelled from the Soviet Union, the St.** (*) Valentine's Day Massacre took place in a Chicago warehouse, the first Academy Awards were held, and Herbert Hoover was inaugurated in, for 10 points, what year, which also featured the stock market crash of Black Tuesday?
answer: 1929

8. **Born in Naples, his early works include *The Goat Amalthea nursing the Infant Zeus and a Young Satyr*. An employee of the Borghese family, his first dip into architecture was the bronze canopy over the high altar at St.** (*) Peter's, and shortly thereafter Urban VIII made him chief architect. For 10 points, name this Baroque artist who is more famous for a statue of Apollo grasping for a metamorphosing Daphne and another of St. Theresa in ecstasy?
answer: Gian (Giovanni) Lorenzo Bernini

9. **Its eponymous container is usually lined with clay or dolomite, although limestone or magnesite can be used. Air is forced through small holes called tuyeres into the bottom of the container; oxidizing impurities like** (*) silicon, manganese, and carbon. For 10 points, name this chemical process patented in 1855 which made it much, much cheaper to produce steel.
answer: Bessemer process

10. **He kidnapped Linda, his first wife; cheated the 1960 Czech Olympic hockey team out of exhibition money and started the Sur-Kil guide service, which poached illegally within Yellowstone National Park. In a more famous career, he broke** (*) 35 bones and failed to clear a cargo van, 13 city buses, and the fountains at Caesar's Palace. For 10 points, name this stuntman who also failed to jump the Snake River Canyon.
answer: Evel Knievel

11. **Her principal temple was at Heliopolis, where she was often depicted as a human wearing a crown in the shape of the hieroglyph for house. Sometimes seen as a kite guarding the funeral bier of her brother,** (*) this mistress of the house was the daughter of Nut and Geb, and, in some traditions, the mother of Anubis. For 10 points, name this Egyptian goddess of the dead.
answer: Nephthys

12. **Hakan Ekinci hijacked a flight in Albania on Tuesday, demanding to be flown to see this man. The assassination of a Somali nun and the burning of churches in Palestine were triggered by his** (*) quoting of the Byzantine emperor Manuel II Palaelogus in a speech at the University of Regensburg, where he taught in the early 1970s. For 10 points, name this man, born Joseph Ratzinger.
answer: Pope Benedict XVI

13. **Nuclear waste from Soviet missile submarines has caused continuing environmental problems in this sea. Bear Island straddles the frontier between it, the Norwegian Sea, and the Greenland Sea. Bordered on the north by** (*) Franz Josef Land and Svalbard and to the east by Novaya Zemlya, for 10 points, identify this sea, an arm of the Arctic Ocean touching Russia and Norway that was named for Dutch navigator Willem.
answer: Barents Sea

14. **He could sing an air of Fioravanti at 18 months, could play piano at the age of five, and began composing at the age of six- a promising start to a life cut short by his death from intestinal inflammation at the age of 34. Composer of the operas** *Adelson e Salvini, Il pirata, Zaira,* **and** *I*(*) *puritani di Scozia*, he is best known for a work performed by Joan Sutherland and Maria Callas. For 10 points, name this bel canto composer of *Norma*.
answer: Vincenzo Bellini

15. **Gerald Ford once claimed to rely on only three sources for information on Washington: "The electronic media, the print media," and this. A continuation of** *Bull Tales,* **which debuted at** (*) Yale, it started in syndicated form in 1970, and won the Pulitzer Prize for Editorial Cartooning five years later. For 10 points, name this daily comic by Garry Trudeau.
answer: Doonesbury (DUNES-burr-ee)

16. **In response to hyperinflation, he issued his Edict on Maximum Prices which established a death penalty for severe overcharging while simultaneously calling for the minting of more coins. Born in Illyria to commoner parents, he would later claim to be the son of** (*) Jupiter. For 10 points, name this man who ruled the Roman Empire from A.D. 284 to 305, the only Roman Emperor to retire voluntarily.
answer: Gaius Aurelius Valerius Diocletian or Diocletianus or Diocles

17. **The Tupolev ANT-20, the largest plane built in the 1930s, was nicknamed for this writer. Two weeks after the October Revolution, he wrote that Lenin and Trotsky "were already corrupted by the dirty poison of power." Later, his autobiography was adapted into a feature film trilogy.** (*) For 10 points, name this Soviet author of such plays as *Children of the Sun* and *The Lower Depths,* whose pseudonym means "bitter."
answer: Maxim Gorky or Aleksei Maksimovich Peshkov

18. **This property of the real numbers is equivalent to the Bolzano-Weirsstrass Theorem, the Nested Interval Property, the Monotone Convergence Theorem and the Cauchy Criterion. The** (*) axiom of this property states that any set of real numbers with an upper bound has a least upper bound. For 10 points, what is this property of the real numbers that differentiates them from the rational numbers?
answer: Axiom of <u>Completeness</u> or <u>Complete</u>

19. **Prairie Fire That Wanders About, Casimir Pulaski Day, The Man of Metropolis Steals our Hearts, John Wayne Gacy, Jr., The Black Hawk War, Carl Sandberg Visits Me in a Dream,** (*) Decatur, or, Round of Applause for your Stepmother and The Seer's Tower, are all, for 10 points, songs off a 2005 Sufjan Stevens album about this 21st US state, an album that includes songs about the cities of Jacksonville, Bushnell and Chicago.
answer: <u>Illinois</u> (accept <u>Come on feel the Illinoise</u>, prompt on Sufjan Stevens)

19. **He finished his career with the Minnesota Twins in 1988. He began with the Cardinals, but was traded for Rick Wise following a contract dispute. The next season, his new team went 59-97, but he won 27 games and posted a** (*) 1.97 ERA with 310 strikeouts. This first pitcher to win four Cy Young awards led his team to a World Series title in 1980. For 10 points—name this pitcher nicknamed "Lefty," an icon of the Philadelphia Phillies.
answer: Steve <u>Carlton</u>

20. **In the worst case scenario concerning space, this method will need to store _n_ elements. Unlike merge sort, its worst case scenario performance-wise is particularly undesirable, causing the program to make n^2** (*) comparisons. For 10 points, name this recursive method of sorting elements which chooses a random element to serve as a "pivot" around which greater and lesser values will be arranged and which normally takes only _n log n_ operations.
answer: <u>quicksort</u>

21. **This period witnessed the birth of Chinese opera with the creation of the Pear Garden under Xuanzong [shwan-tsong], its sixth emperor. This dynasty also saw the conversion of the imperial family to Buddhism and the reign of the only Chinese** (*) Empress, Wu Zetian. It was weakened by the An Lushan rebellion in 755. For 10 points, name this Chinese dynasty that lasted from A.D. 618 to 907.
answer: <u>Tang</u> Dynasty

22. **Its addressee was probably a Christian slaveholder from the city of Colossae in Asia Minor. In it, the writer exhorts his fellow believer to be reconciled with** (*) Onesimus, a runaway slave who has recently converted to Christianity. The writer expresses the hope that he himself might soon be released from his imprisonment in Rome. For 10 points, identify this book of the New Testament, the shortest of the epistles of St. Paul.
answer: St. Paul's Epistle to <u>Philemon</u>

23. **He has been arrested 18 times for armed robbery and has served two years in prison for murder. He has publicly stated that he would like to pursue a job on Osama bin Laden, but his fame primarily rests on his** (*) encounter with a man convicted in absentia of 86 counts of rape and assault, Max Factor heir Andrew Luster. For 10 points, name this man who is currently in trouble under Mexican extradition laws, a real-life badass bounty hunter.
answer: Duane "Dog" <u>Chapman</u>

24. **This Columbia-trained doctor was an admirer of William Faulkner, and once drove to Faulkner's house to introduce himself, but was too scared to get out of his car to go to the door. He was instrumental in getting** *A Confederacy of Dunces* **published and his own works include such novels as** *Love in the* (*) *Ruins* and *Lost in the Cosmos*. His most famous character may be the alienated stockbroker Binx Bolling. For 10 points—name this author of *The Last Gentleman* and *The Moviegoer*.
answer: Walker <u>Percy</u>

Extra 1: **The observations that humans and their interactions are often governed by irrationality and cultural context lends support for this view. Accepting its claims leads to a breakdown between objective and subjective observation. Most famously promoted by** (*) Max Weber, this is—for 10 points—what view of sociology which critiques the treatment of the discipline as a natural science, the opposite of the approach associated with Auguste Comte?
answer: <u>antipositivism</u> (accept "humanistic sociology")

Bonuses:
1. For 10 points each—name the fictional author given their most famous work, as well as the novel in which it appears.

A. *The Theory and Practice of Oligarchical Collectivism*; appearing in Orwell's *1984*.
answer: Emmanuel <u>Goldstein</u>
B. *The Fairy Melusina*; appearing in Byatt's *Possession*.
answer: Christabel <u>Lamotte</u>
C. the titular 999-line poem; appearing in Nabokov's *Pale Fire*.
answer: John <u>Shade</u>

2. Name these gods from Norse mythology for 10 points each.
A. His relationship with canines is a little rocky. In the Edda, he once sacrificed his hand in order to successfully bind Fenris, the wolf; at Ragnarok, he is destined to fight Garm, Hel's guard dog.
answer: <u>Tyr</u>
B. This goddess of winter and the hunt is married to the sea god Njord. She sentences Loki to his confinement under the earth.
answer: <u>Skadi</u>
C. The Norns were the Norse equivalent of the Greek Fates. Name any one of the three Norns.
answer: <u>Urd</u> or <u>Verdande</u> or <u>Skuld</u>

3. Hollywood sometimes falls flat on its face. For 10 points each,
A. Name these awards given out annually for the Worst Picture, Worst Actor, etc. In 2005 and 2006, they were held at the Ivar Theater.
answer: Razzies or Golden Raspberry Awards
B. The 2006 Worst Picture award went to this film that starred Jenny McCarthy as a jilted photographer.
answer: Dirty Love
C. This actor has won 10 Razzies. His first was for Rhinestone, his latest was for Spy Kids 3-D: Game Over.
answer: Sylvester Stallone

4. For 5 points each, given a polyatomic ion, identify its charge.
A. Chlorate
answer: negative one
B. Ammonium
answer: positive one
C. Phosphate
answer: negative three
D. Hydrogen carbonate or bicarbonate
answer: negative one
E. Sulfate
answer: negative two
F. Permanganate
answer: negative one

5. For 10 points each, name these stars which can be found in the constellation Orion.
A. Named for its location as Orion's left foot, this triple star system is the seventh brightest star in the sky.
answer: Rigel
B. The ninth brightest star in the sky, its volume is approximately 40 million times that of the Sun.
answer: Betelgeuse
C. Three stars compose Orion's belt. Name any one of them.
answer: Alnitak, Alnilam, or Mintaka

6. Only three movies have ever swept all four of the major awards at the Oscars, winning Best Picture, Best Director, Best Actor, and Best Actress. For 10 points each, name those three movies.
answer: *It Happened One Night*, *One Flew Over the Cuckoo's Nest*, *Silence of the Lambs*

7. Name these periods of Japanese history for 10 points each.
A. The country was united for the first time, and Buddhism and the Chinese writing system were introduced during this period circa 400 AD.
answer: Yamato (yah-mah-tow) (prompt on Kofun (ko-foon) or Asuka)

B. The 13th-century Mongolian invasion was repelled during this period, named for the city of the shogunate.
answer: Kamakura
C. This Imperial era began when the Tokugawa Shogunate was defeated. It saw the creation of the first parliament and the industrialization of Japan.
answer: Meiji (accept "Meiji Restoration")

8. Homes of the rich and famous...
A. For 5 points—this Virginia home of Thomas Jefferson can be seen on the back of the nickel, or, less frequently, on the two dollar bill.
answer: Monticello
B. For 10 points—Franklin Roosevelt's estate of Springwood, donated to the American people in 1943, is located in this locale.
answer: Hyde Park, NY
C. For 15 points—located near Westerham, this garden-filled property was over 300 years old when Winston Churchill purchased it in 1922.
answer: Chartwell

9. For 10 points each, identify these works of Jacques-Louis David.
A. Most of the figures in this sketch point to Jean-Sylvestre Bailly, the Assembly President, who holds a piece of paper in his right hand. It depicts a namesake pledge made by members of France's Third Estate.
answer: *Oath of the Tennis Court* (*"Le Serment du jeu de paume"*)
B. A father holds out swords for his three sons, the title characters, who prepare to defend Rome in a dispute with Alba Longa.
answer: *Oath of the Horatii* (*"Le Serment des Horaces"*)
C. The title character, dressed in a red cape and tricorne, is gallantly depicted on a rearing horse, his finger pointed at the upper left of the painting.
answer: *Napoleon Crossing the Alps* (*"Le Premier Consul franchissant les Alpes au col du Grand-Saint-Bernard"*)

10. For 10 points each, identify these players in the 2006 Mexican election dispute:
A. This National Action Party candidate, seen as a champion of the middle class, was declared president-elect by the Federal Electoral Tribune on September 5.
answer: Felipe de Jesús Calderón Hinojosa
B. This candidate angrily disputed the tribune's ruling. His supporters staged massive protests in Mexico City, calling for every vote cast in the election to be counted.
answer: Andrés Manuel López Obrador
C. This outgoing president of Mexico actively campaigned on behalf of Calderón and was cited by the tribune for possibly creating voting irregularities.
answer: Vicente Fox Quesada

11. 30:20:10, identify the poet from the titles of poems or poem cycles.
A. For 30 points, "Mariana," "Harold"
B: For 20 points "Tithonus," "Crossing the Bar"
C. For 10 points, "Ulysses," "The Lady of Shalott," "The Charge of the Light Brigade"

answer: Alfred, Lord <u>Tennyson</u>

12. For 10 points each, given a list of bosses, name the instance from "World of Warcraft."
A. Mr. Smite, Cookie, Edwin Van Cleef
answer: The <u>Deadmines</u>
B. Herod, High Inquisitor Whitemane, Houndmaster Loksey, Arcanist Doan, Scarlet Commander Mograine
answer: The <u>Scarlet Monastery</u>
C. Anub'rekhan, Gluth, Noth the Plaguebringer, Gothik the Harvester, The Four Horsemen
answer: <u>Naxxramas</u>

13. For 10 points each, name these distributions from probability theory.
A. This mean and variance of this distribution are equal to each other. It is often used to approximate the binomial distribution and to model arrival times.
answer: <u>Poisson</u> distribution
B. The distribution is used to model experiments with only two outcomes. Its variance is equal to the probability of success times the probability of failure.
answer: <u>Bernoulli</u> distribution
C. The conjugate prior distribution of the Poisson, this family of positive distributions includes the exponential distributions.
answer: <u>gamma</u> distribution

14. Dramas by August Strindberg, for 10 points each.
A. This Strindberg play deals with the titular aristocrat's infatuation with a footman named Jean.
answer: <u>Miss Julie</u>
B. This 1901 Strindberg work, written around the time that Strindberg went through a nervous breakdown after a divorce, focuses on Agnes, who is sent on a nightmarish journey with the daughter of Indra as her inner voice. Creepy, huh?
answer: A <u>Dream Play</u>
C. Finally, this play with a cool title features the student Arkenholz and his attempts to join the upper middle class, a process by which he finds that most of the world is a lie.
answer: The <u>Ghost Sonata</u>

15. For 10 points each, identify these organelles found in eukaryotic cells.
A. In contrast to its counterpart, it lacks ribosomes on its surface; it is primarily involved in the synthesis of lipids.
answer: <u>smooth</u> endoplasmic <u>reticulum</u>
B. Found almost exclusively in animal cells, this organelle organizes and separates the mitotic spindle during cell division.
answer: <u>centriole</u>
C. Located in the nucleus, it primarily manufactures ribosomes.
answer: <u>nucleolus</u>

16. I'll take "Last Name 'Q'" for 30, Alex. For 10 points each—who wrote:
A. the philosophical texts *Word and Object* and *Two Dogmas of Empiricism*?
answer: William Van Orman Quine
B. the 1758 economic work *Tableaux Economique*?
answer: François Quesnay
C. The 1959 novel *Zazie dans le métro*, and the book *Exercises in Style*, which tells a simple short story 99 different ways?
answer: Raymond Queneau

17. That American Revolution sure was…um…battle-filled. Identify the following battles for 10 points each.
A. This battle of September 11, 1777 was one of the first fought for control of Philadelphia between Washington and Howe and saw 1,300 American deaths.
answer: Brandywine
B. This August 1777 failed siege made British Gen. Barry St. Ledger unable to reach Albany to rendezvous with Generals Burgoyne and Howe.
answer: Fort Stanwix
C. This battle of June 28, 1778 saw Washington and company face off against newly-appointed head of British forces Harry Clinton. It was the last major battle of the war fought in the North and is known for the actions of Molly Pitcher.
answer: Monmouth or Monmouth Courthouse

18. Water, water everywhere. Name the following African lakes for 10 points each.
A. This Ethiopian/Kenyan lake, also known as the Jade Sea, is the world's largest alkaline lake and is also the site of several major archaeological digs, including those of Richard Leakey.
answer: Lake Turkana
B. This artificial lake on the Zambia/Zimbabwe border lies behind an eponymous dam, and is believed to be the cause of increased seismic activity in the region.
answer: Lake Kariba
C. This lake on the Rwanda/Democratic Republic of the Congo border gained notoriety as the site where many of the bodies from the Rwandan genocide were dumped.
answer: Lake Kivu

19. The *Eroica* was Beethoven's Third Symphony. Given other Third Symphonies, name the composer.

A. For 5 points—*Kaddish*
answer: Leonard Bernstein
B. For 5 points—*Scottish*
answer: Felix Mendelssohn
C. For 10 points—*Polish*
answer: Peter Tchaikovsky
D. For 10 points—*The First of May*
answer: Dmitri Shostakovich

20. For 5 points each, and a 5 point bonus for all five—tell whether these 20th-century writers won the Nobel Prize, committed suicide, both, or neither:

A. Karl Capek
answer: neither
B. Virginia Woolf
answer: committed suicide
C. Yasunari Kawabata
answer: both
D. Yukio Mishima
answer: committed suicide
E. Kenzaburo Oe
answer: won the Nobel Prize

21. Name the sports franchise, 30-20-10.
A. For 30: In 1983, it saw pro sports' first ever incidence of active players being forced to serve prison time after three players were caught trying to purchase cocaine.
B. For 20: In 2004, they were picked by many to win their division, but fell into rebuilding mode and were forced to trade reliever Jason Grimsley and a certain outfielder who eventually ended up with the Mets.
C. For 10: In 1985, behind Bret Saberhagen, they won the so-called I-70 Series.
answer: Kansas City Royals

22. According to Wikipedia, eight countries in the world are primarily Portuguese-speaking. Two of these are Portugal and Brazil. For 5 points apiece, name the other six.

answer: Angola, Mozambique, Cape Verde, Guinea-Bissau, Sâo Tomé and Principe, East Timor

23. For 10 points each, answer these questions about Henry of Navarre.
A. After the death of the Duke of Anjou in 1584, the Protestant Henry was next in line for the French throne held by this man, the onetime ruler of Poland-Lithuania.
answer: Henry III
B. Henry of Navarre and Henry III fought against the leader of the Catholic League in the so-called War of the Three Henrys.
answer: Henry I, duc de Guise
C. After ascending the throne as King Henry IV, Navarre published this declaration of religious freedom for Huguenots, Louis XIV revoked it 87 years later.
answer: Edict of Nantes

24. For 10 points each, identify these men associated with the California Gold Rush of 1849.
A. This carpenter first discovered gold on January 24, 1848, in the stream-bed of the American River.
answer: James Marshall

B. Marshall discovered the gold on this man's land. Ironically, both he and Marshall were impoverished as a result of the Gold Rush.
answer: John Sutter
C. This President of the United States confirmed the existence of gold in California in a speech he made before Congress on December 5, 1848.
answer: James K. Polk

Extra Bonus 1:
Given a religious group, name its founder for 10 points each.
A. The Shakers
answer: Mother Ann Lee
B. Methodism
answer: John Wesley
C. Scientology
answer: L. (Lafayette) Ron Hubbard (Prompt on "L. Ron")