ASU 1

Tossups

1. In this battle, the forces of Maximillian II Emmanuel, elector of Bavaria, joined those of Camille, Comte de Tallard behind the Nebel river, certain of victory. Certain of victory, they were surprised by an dual attack on August 13 by forces led by Lord John Cutts and Eugene of Savoy, who occupied the French while John Churchill's army attacked the city. For 10 points--name this 1704 battle which saved Vienna during the War of the Spanish Succession.

Answer: The Battle of _Blenheim_

2. Modern editions are based on revisions by Theon of Alexandria from around 400 A.D. - about 700 years after the original. Book VII is taken from Theaetetus and book VIII from Archytas, while books V, VI and XII follow Eudoxus in their discussion of proportion, irrationality and the construction of curved figures from rectilinear ones. For 10 points-identify this 5th-century work which begins with five postulates of geometry, written by Euclid.

Answer: _Elements_

3. Our hero meets Tina at the mall, Brenda while cruising a high school, and Lisa at a restaurant. Despite promises of fidelity to each of them, including his previous girlfriend, he chooses to make time with the new girl in each situation. In each case, the previous girl walks in on him and his new fling, only to be told that the new girl has- for 10 points-what physical feature in a song by LL Cool J?

Answer: _Big Ole Butt_

4. This book contains the tale of a man who bought land that surprisingly contained a pot of gold, which he attempted to return to the vendor in a show of honesty. Its followers derive from such precepts a system of obligations known as sunnah, which refers to the "well-trodden path" this text, whose title means "news," prescribes. For 10 points--name this record of the traditions or sayings of the Prophet Muhammad, second in authority only to the Qur'an.

Answer: Hadith (or Hadit)

5. Taught by Leon Kirchner and Roger Sessions, this man became the first person in Harvard history to submit a musical composition for his senior honors thesis. While teaching at the San Francisco Conservancy of Music, he composed such pieces as ~Harmonium~ and ~Shaker Loops~. However, he is best known for two historical operas, one of which takes place on the cruise ship Achille Lauro. For 10 points--identify this composer of ~The Death of Klinghoffer~ and ~Nixon in China~.

Answer: John Coolidge _Adams_

6. This collection's author argues that the two conflicting title objects possess "two thoughts, two unreconciled strivings; two warring ideals in one dark body, whose dogged strength alone keeps it from being torn asunder." Asserting that "the problem of the twentieth century is the problem of the color line," it advocated that African Americans actively vote, become educated, and develop self-determination, although it was not written to the masses, but rather the "talented tenth" of Black elites. For 10 points--identify this collection of 14 essays by W.E.B. DuBois.

Answer: The _Souls of Black Folk_

7. If they had spin 0, their mass would be at least 600 GeV, while if they had spin 1/2, their mass must be at least 900 GeV. They are not neutrinos, but if one were to pass a neutrino telescope a short time increase should occur in the counting rate. They might be used to catalyse proton decays violating baryon number conservation. Dirac theorized that the existence of even one anywhere in the universe would imply that electric charge is quantized. For 10 points--what are these "particle-like" objects, whose most noteworthy feature is that they would dissolve the apparent asymmetry between magnetism and electricity in Maxwell's equations?

Answer: magnetic _monopoles_

8. Duchess Isabel, while imitating Duke Octavio. Thisbe, a fisherwoman, and Aminta, wife of Batricio, by promise of noble marriage. Dona Ana, cousin to the Marquis of la Mota, in his guise. For 10 points--these women were all tricked into illicit affairs by what "enemy of God," the title character Tirso de Molina's ~The Seducer of Seville~?

Answer: _Don Juan_ Tenorio

9. He began racing in 1973 at the Ensanada 300, where he won despite being his vehicle's only racer. From '83 to '85, he won six class victories and two SCORE world championships, driving a Precision Preparation Motorsports-designed and built racing truck as a member of the Toyota team. The holder of the record for all-time victories on the Mickey Thompson Entertainment Group stadium series, he has won ten driver's championships. For ten points, name this desert racer whose "Super Off-Road" game was a hit for Nintendo, nicknamed the "Ironman".

Answer: Ivan "Ironman" _Stewart_

10. Adamstown, the only village, is on the northern coast of the main island. Lying midway between Australia and South America, the islands themselves are a part of greater Polynesia, and are a British dependency. For 10 points--what is this island group, whose current population is estimated at 61, though it was entirely uninhabited until 1790, when it was first occupied by 18 Tahitians and 9 mutineers of the HMS Bounty?

Answer: _Pitcairn_ Island(s)

11. While experimenting with a propeller with engines on each blade, this man sought more research in mathematics, and went to study under Russell. Soon thereafter, WW I broke out, and this man enlisted in the Vienna army. During his four years of service, he wrote a philosophical treatise, and when he was about to be taken prisoner by the Italians, he was allowed to send his manuscript to Russell for publication. For 10 points--identify this logician who wrote that manuscript, Tractatus Logico-Philisophicous.

Answer: Ludwig Josef Johann _Wittgenstein_

12. When he was hailed as the greatest Italian ever, he demurred, citing Columbus and Marconi, but was told "You discovered money." He sold investments in International Reply coupons, and promised fifty percent profits in ninety days. How could he make so much money so quickly, you might ask - and so did the New York Post. For 10 points--name this man whose name graces a scam in which older investors are paid off by a larger number of new investors.

Answer: Charles _Ponzi_

13. This 1975 movie featured Garrett Morris as Mr. Mason, who works in the inner-city at the title location. Preach, short for Preacher, was the smart lead while Cochise was his athletic buddy. The soundtrack contains the track "It's So Hard to Say Goodbye to Yesterday" as well as plenty of other Motown tunes. The movie is seen by some as a Black version of American Graffiti, and was the inspiration for the tv show What's Happening?. For ten points, name the title school and you name the movie, whose "Harmony" also is the title of a Boys II Men album.

Answer: _Cooley High_

14. To Washington students taking a state standardized test in April of this year, the question seemed innocent enough: Given information about four fictional cities (Torno, Clay, Lee, and Mayri), put them in geographic order from west to east. The correct answer was alarming, as it was nearly the phonetic equivalent of the name of a former Highline School District teacher who is currently in prison, leading one to wonder if students scored better on the test or on her. For 10 points--name this infamous Seattle teacher, in jail on child rape charges after giving birth to two children fathered by twelve-year-old Vili Fulaau.

Answer: Mary K. _Letorneau_

15. Painted for Paul III, it was condemned by Paul IV for its abundant nudity, and survived only with additional modesty painted in by Daniele da Volterra after its creator's death. Completed in 1541, one of its distinguishing features is a well-hidden self-portrait of its artist in the flayed skin of St. Bartholomew; some of the artist's better-known work can be seen immediately overhead. For ten points, name this Sistine Chapel fresco painted by Michelangelo.

Answer: The _Last Judgment_

16. The work ends with the line, "It was among the ruins of the Capitol that I first conceived the idea of a work which has amused and exercised near twenty years of my life..." The section prior to the last recounts the life of Mohammed and the rise of Islam. The first section is concerned with the reign of the Antonines and their disappointing successors. For 10 points--what is this late 18th century historical work, originally published in 6 volumes, authored by Edward Gibbon?

Answer: The History of the _Decline and Fall of the Roman Empire_

17. From the 18th to early 19th century, the maritime-based Al-Qawasim were the leading force over the area which would become this country. After the Al-Qawasim lost an 1819 naval battle to the British, the Banu-Yas took power and have been the most dominant tribal faction since. Declaring independence in December of 1971, this country originally was known as the Trucial States. For 10 points--identify this confederation of seven sheikdoms with capital at Abu Dhabi.

Answer: _ United Arab Emirates _

18. As his website proudly proclaims, Sports Illustrated named him "Hockey's best kept secret" in June of 1998. He's been in the NHL since 1990, scoring double-digit goals in every year, including 52 in 1997-1998, when he led his team to the NHL finals. His nicknames, such as "Bonzai" and "The Slovakian Speed Merchant", play on his breakaway speed, which won him the NHL's fastest-skater event in 1997. For 10 points--name this Slovak sniper, the first man to ever score 40+ goals in three consecutive years for the Washington Capitals.

Answer: Peter _Bondra_

19. In 1968, at the age of 87, she led a brigade of five thousand women in a march to Capitol Hill in 1968 to protest hostilities in Indochina. Previously, she had served two non-consecutive terms in the House of Representatives, and was one of only 49 members to vote against declaring war on Germany in 1917. For 10 points--name this former Representative from Montana, the only person to vote against the declaration of war against Japan in 1941, and the first female member of Congress.

Answer: Jeannette _Rankin_

20. Discovered more or less by accident at Harvard in 1998, it is made by bombarding element number 14 with high-intensity femtosecond laser pulses in the presence of a halogen-containing gas such as sulfur hexafluoride. The normally smooth surface of the material becomes a forest of microscopic spikes and light that would normally be reflected becomes trapped between the spikes. More efficient solar cells might be made from-for 10 points-what new material named for its ability to capture almost all the light that falls on it?

Answer: _black silicon_

Bonuses

1. Answer these questions about ancient Persia, for the stated number of points:

A. For 5 points--name its capital.

Answer: _Persepolis_ or _Parsa_

B. For 5 points--name the man who conquered and unified Lydia and Babylonia in 539 BC, founding the Persian Empire and the Achaemenid Dynasty.

Answer: _Cyrus_ the Great

C. For 10 points-name the general whose dynasty was founded when he took control of the Persian Empire upon the death of Alexander the Great.

Answer: _Seleucus_ I

D. When the Seleucids fell, the empire became the property of Parthia. For 10 points-name the dynasty which began when the Parthians were conquered by a Persian king in 224 AD, leading to the subsequent renewal and expansion of Persia?.

Answer: _Sassanid_ or _Sassanian_ dynasty

2. Answer these questions about 20th-century American poetry, for 10 points each:

A. This collection of poems by Edgar Lee Masters concerns the secret lives of the inhabitants of a small midwestern town.

Answer: _Spoon River_ Anthology

B. This poet's lyrical verse is distinguished by its unexpected perspectives, and the use of images of childhood and plants, as his father was a gardener. His collections include ~Open House~, ~The Lost Son and Other Poems~, ~The Waking~, and ~Far Field~.

Answer: Theodore _Roethke_

C. This volume of poetry by Robert Lowell, which contains his much-acclaimed ~Colloquy at Black Rock~, won the 1947 Pulitzer Prize.

Answer: _Lord Weary's Castle_

3. Name the sea from a description, for 10 points each.

A. It is an almost landlocked extension of the Arctic Ocean, connected to the Barents Sea by the Gorlo Strait. Its deepest part is in the Kandalaksha Inlet.

Answer: _White_ Sea

B. This arm of the Mediterranean Sea along the northwestern coast of Italy extends between its namesake region of Italy and Tuscany to Corsica in the south. It includes the Gulf of Genoa in the north.

Answer: _Ligurian_ Sea

C. This arm of the Indian Ocean lies southeast of its namesake Indonesian island and northwest of Australia. It opens east into the Arafura Sea, part of the Pacific Ocean, and is the site of a large oil field.

Answer: _Timor_ Sea

4. Given a figure from Norse mythology, identify the figure who kills him/her/it, for the stated number of points.

A. For 5 points--Odin

Answer: _Fenrir_ or _Fenris_ wolf

B. For 5 points--Fenrir

Answer: _Vidar_ (Odin's son)

C. For 10 points--Freyr

Answer: _Surt_

D. For 10 points--Tyr

Answer: _Garm_

5. Getting an "F" in science isn't all bad. For 10 points a piece -- identify:

A. The amino acid represented by the single letter "F" -- it's the most common aromatic amino acid found in proteins.

Answer: _Phenyalanine_

B. The scale of tornado strength co-conceived by a University of Chicago atmospheric scientist that runs from 0 to 5 -- with an F6 rating saved for future "inconceivable" tornadoes.

Answer: _Fujita_ (accept: _Fujita-Pearson_)

C. This is the highest occupied molecular orbital in the valence band of a metal at absolute zero - for semiconductors and insulators, it lies in the band gap.

Answer: _Fermi_ level

6. Answer the following questions about battles of the Mexican-American War, for the stated number of points:

A. For 5 points--Winfield Scott invaded Mexico by sea and first took siege of this city.

Answer: Battle of _Veracruz_

B. For 10 points--Zachary Taylor defeated Santa Anna outside of Monterrey at this February 22 battle.

Answer: Battle of _Buena Vista_

C. For 15 points--this battle north of San Diego was the only battle the Americans lost during the war. Also, no artifact has ever been fully identified as coming from the battleground, leading to speculation as to the actual whereabouts of the battle site.

Answer: Battle of _San Pasqual_

7. 30-20-10. Name the sports figure.

A. He led the Tampa Bay Bandits franchise to a 35-19 record over his three years coaching in the USFL, from 1983-1985.

B. He spent time with the Tampa Bay NFL franchise as well, throwing the first pass in team history during their 1976 expansion season. Tampa Bay god him from San Francisco, where he had spent his first years in the pros.

C. Since then, he has spent time coaching in the NCAA ranks, including Duke from 1987-1989, and Florida from 1990-present.

Answer: Steve _Spurrier_

8. Its first two title characters are William, who moves to London to get away from the coal mines, but subsequently dies, and Paul, who subsequently becomes his mother's favorite. For 10 points each:

A. Name this 1913 novel about Mrs. Morel's children and the women Paul makes out with.

Answer: _Sons and Lovers_

B. ~Sons and Lovers~ is a partly an autobiography of which author?

Answer: D(avid) H(erbert) _Lawrence_

C. Name either of Paul Morel's "lovers" in the book: one a farm girl, the other a married suffragette.

Answer: _Miriam_ _Leivers_ or _Clara_ _Dawes_ (accept first or last names)

9.Answer the following about the recent rise of Islam in Nigeria, for 10 points each:

A. Riots broke out recently over American activity in Afghanistan, resulting in 100 deaths in this ancient city, the site of an ancient kingdom of the Hausa.

Answer: _Kano_

B. The northern state Zanfara introduced Islamic Law in 1999, which is known as this.

Answer: _Shariah_

C. The Shariah promotes the ousting of this Christian president, a former military ruler.

Answer: Olusegun _Obasanjo_

10. Answer these questions about the EPR paradox, for 10 points each:

A. All or nothing, expand 'EPR' to give the names of the three scientists who first proposed the paradox.

Answer: _Einstein_-_Podolsky_-_Rosen_ (accept in any order)

B. If pairs of spin measurements of entangled photons are made along different axes, what relationship between the correlations of plus and minus values would have to hold, if the spin really has some value before we measure it and if the measurements could not affect one another faster than light?

Answer: _Bell_'s Inequality

C. What French physicist experimentally showed in 1982 that Bell's Inequality is violated and measurement of one photon's spin did indeed have a faster-than-light effect on measurements of an entangled photon?

Answer: Alain _Aspect_

11. Iden___ y the following about actors who appeared in Citizen Kane, for 10 points each:

A. He playe___ ___e's best friend, Jedediah Leland, as well as a newspaper reporter in the beginning of the film.

Answer: Joseph _C____n_

B. This diminutive acto___ ___ot his screen debut in this film, playing a lead reporter. Whether or not he can be seen in the opening scene of repor___ ___s is a matter of controversy, but he "came back" in the end, with his trademark hat and pipe.

Answer: Alan _Ladd_ C. Ruth Warrick, who played Emily Kane in the film, now plays elderly dowager Phoebe Wallingford on this ABC drama.

Answer: _All My Children_

12. They founded Goshen College in Elkhart, Indiana, where their churches archives and Historical Library are found. For 10 points each:

A. Name this Protestant denomination.

Answer: _Mennonites_

B. The Mennonites rose out of what radical reform movement of the 16th century Reformation.?

Answer: _Anabaptists_

C. The Mennonites are named after which 16th-century Dutch priest?

Answer: Menno _Simonsz_

13. For 10 points each--identify these terms relating to megalithic architecture.

A. This is a single vertical stone, many of which can be found at Carnac in France.

Answer: _menhir_

B. This is an archway made from two vertical posts on which a lintel rests. Five of them surround the Altar Stone at Stonehenge.

Answer: _dolmen_

C. This is a circular ring of archways, where each post supports a lintel in either direction. The best-known example is the outer ring of Stonehenge.

Answer: _cromlech_

14. Identify these Mughal rulers, for the stated number of points:

A. For 5 points--descended from Genghis Khan and Timor, this man destroyed the Delhi sultanate and established the Mughal dynasty.

Answer: _Babar_

B. For 10 points--this father of Aurangzeb moved the capital from Agra to Delhi. Because of his architectural preferences, his reign was also known as the "Age of Marble".

Answer: _Shah Jahan_

C. For 15 points--this son of Babar lost control of northern India to Sher Shah for fifteen years, finally reclaiming the land before passing power to his son Akbar.

Answer: _Huyaman_

15. Name these discoverers of the fast Fourier transform for 10 points per answer:

A. The basic idea of the fast Fourier transform has been discovered and rediscovered many times, starting with this German mathematician who used it to interpolate the orbits of asteroids.

Answer: Carl Friedrich _Gauss_

B. The popularization of the Fast Fourier transform, however, is credited to a landmark 1965 paper by these two computer scientists.

Answer: James W. _Cooley_ and John W. _Tukey_

16. For 10 points each-identify the following which may or may not have anything in common:

A. Founder of the Provident Hospital in Chicago, this man, a charter member of the American college of Surgeons, is credited with performing the first successful heart surgery in 1893.

Answer: Daniel Hale _Williams_

B. Founded by Dennis Banks, Clyde Bellencourt, George Mitchell, and Eddie Benton Batai, this group's demonstrations involved taking over places like Alcatraz, the Black Mountains, and most famously, Wounded Knee.

Answer: _American Indian Movement_ or _AIM_

C. A monument to this best known victim of the Boston Massacre stands in the Boston Common.

Answer: Crispus _Attucks_

[Writer Note: All of these people/institutions can be found in Stevie Wonder's Black Man. Editor Note: If you figured that out, you should get a special prize.]

17. Name these kingdoms of Anglo-Saxon England from cities, for 10 points each.:

A. This kingdom contained modern-day London.

Answer: _Essex_

B. Hastings was in the eastern portion of this kingdom.

Answer: _Sussex_

C. Canterbury was located in this kingdom, the first and senior see of the English church.

Answer: _Kent_

18. Name these revolutions from descriptions, for 10 points each.:

A. This 1830 revolution ended with the abdication of Charles X and the installation of Louis-Philippe as king of the French.

Answer: _July_ Revolution or _Revolution de Juillet_

B. This 1789 revolt against Hapsburg rule in the Belgian provinces of the Austrian Netherlands was run by the Statists and Vonckists, and named for the province in which it was centered.

Answer: _Brabant_ Revolution

C. In 1989, this bloodless revolution, led by the dissident group Charter 77, ended communist control of Czechoslovakia.

Answer: _Velvet_ Revolution

19. She wrote her life's story in "Be My Baby, How I Survived Mascara, Miniskirts, and Madness" in 1989.

A. For 10 points--name this singer, who did vocals on songs like "Walking in the Rain" and "I Can Hear Music" with her band nearly 40 years ago.

Answer: Ronnie _Specter_

B. For 5 points--name her band.

Answer: The _Ronnettes_

C. For 5 points--name the man with whom she did a duet on 1987's "Take Me Home Tonight"

Answer: Eddie _Money_

D. For 10 points--on her single Ronnie "Try Some, Buy Some", Ronnie Specter was the only American vocalist to ever be backed up by all four members of which band?

Answer: The _Beatles_

20. Identify these Dickens characters whose surnames can double as common nouns or verbs for 10 points a piece:

A. He is a devoted admirer and assistant to Pecksniff in ~Martin Chuzzlewit~. After he gets wise to Pecksniff's hypocrisy, he moves to London and is employed by none other than the old Martin Chuzzlewit.

Answer: Tom _Pinch_

B. She is Ebenezer Scrooge's sister in ~A Christmas Carol~ -- do we know whether she ever cooled herself with an object of the same name?

Answer: _Fan_ Scrooge

C. Two answers are possible and appropriate: She is a crippled doll's dressmaker with whom Lizzie Hexam lives after the death of her father in ~Our Mutual Friend~. She helps Lizzie escape London when pursued by Headstone.

Answer: Jenny _Wren_ or Fanny _Cleaver_

EXTRAS

22. Its existence remained a government secret until 1974, when Frederick William Winterbotham published a book about it. Based in Bletchley Park fifty miles north of London, it eventually dealt with 2000 incoming signals a day, including some from Adolf Hitler himself. For 10 points-identify this Allied project to intercept and decode the Nazis' Enigma communications.

Answer: _Ultra_

18. The oldest of six children, at 23 he was forced to take responsibility for his five siblings after the deaths of their parents. Under Friedrich von Savigny he studied law and learned how to research ancient manuscripts. As a civil servant for the Electorate of Hesse, he took part in the Congress of Vienna, but eventually turned to a career of literary research. His work on the laws of sound change created a basis for the study of relationships between languages. For 10 points--name this man, widely known with his brother Wilhelm for their collections of fairy tales.

Answer: _J_acob _Grimm_

21. Given a few actors, name the Spike Lee film in which they all appear, for 10 points each:

A. Halle Berry, John Turturro, Ossie Davis, Annabella Sciorra

Answer: _Jungle Fever_

B. Richard Belzer, Andre Braugher, Ossie Davis, Bernie Mac

Answer: _Get on the Bus_

C. Laurence Fishburne, James Bond III, Ossie Davis, Kadeem Hardison

Answer: _School Daze_

22. Identify the sociologist from works, for the stated number of points:

A. For 5 points--~Course of Positive Philosophy~ (in 6 volumes)

Answer: Auguste _Comte_

B. For 10 points--~Mind and Society~

Answer: Vilfredo _Pareto_

C. For 15 points--~The Social System~

Answer: Talcott _Parsons_