

By Mike Knapp.

Tossups:

1. Pragmatic LAPD Sergeant Natalie Zimmerman has just been paired with Sgt. A. M. Valnikov, a romantic and alcoholic detective enduring a midlife crisis. While she plots constantly to dump her new Russian-American partner, they work to solve the case of the kidnapping of Pasadena socialite Madeleine Whitfield's pet schnauzer. FTP, identify this Joseph Wambaugh novel, adapted into a 1980 film starring Robert Foxworth, Paula Prentiss, Harry Dean Stanton as Philo Skinner, and James Woods in a cameo appearances as a fiddler.

Answer: **"The Black Marble"**

2. Jean Hotteterre (/ot-tair/) and Michel Philidor, two French court musicians, invented this musical instrument in the mid-1600's. By the end of the 17th century, it had become the principal wind instrument of orchestras and of military bands, and after the violin, the leading solo instrument of that time. Its variations include the English Horn and the heckelphone. FTP, identify this double-reed instrument whose name comes from the French translation for "high wood" or "loud wood".

Answer: **Oboe** (accept **Hautbois** /oat-bwah/)

3. This organization's modern name dates from a 1941 merger between a statistics company which assigned debt ratings to corporate bonds, and a publishing firm whose founder published the book "The History of Railroads and Canals of the United States"; it was subsequently acquired by McGraw-Hill in 1966. Its 500 Index consists of 500 large capitalization stocks, comprising approximately eighty to eighty-five percent of the market value of all stocks traded on the New York Stock Exchange. FTP, name this global ratings and information service founded in part by one Henry Varnum Poor.

Answer: **Standard and Poor's** (accept **S&P** or **S&P 500**)

4. In 1914 this Columbia-educated jurist was elected justice of the New York Supreme Court. In 1915 he became associate justice of the New York Court of Appeals, and in 1927 he was appointed chief justice of that court. Five years later he succeeded Oliver Wendell Holmes, Jr. as associate justice of the U. S. Supreme Court. FTP, name this justice whose writings include "The Nature of the Judicial Process", "The Growth of the Law", "The Paradoxes of Legal Science", and the court's majority opinion in its decision on FDR's Social Security Act.

Answer: **Cardozo**, Benjamin Nathan

5. In 1892 he began his coaching career at Oberlin College, leading them to a perfect record in their first season of varsity football. In addition being a professional actor who specialized in Shakespearian productions and who ran his own summer stock theater, he took coaching positions at Auburn, Clemson, Georgia Tech, Penn, Washington and Jefferson College, and Rice. FTP, name this coach for whom the college football season's highest individual honor is named.

Answer: **Heisman**, John William

6. In Scientology, this term refers to a mental image picture which is a recording of an experience containing pain, unconsciousness, and a real or fancied threat to survival. In psychology, it refers to a neurophysiological process that accounts for the persistence of memory. FTP, identify this word which shares its spelling with the last name of a wide receiver who played collegiately at Penn State and professionally since 1996 with the Chicago Bears.

Answer: **Engram**

7. The kings of this dynasty were descendants of a chief of the Salian Franks who ruled his tribe from 448 to 458 CE. The line's first ruler was Clovis I, who became king of both the Salian and Riparian (/rip-you-air-ian/) Franks. Its last strong monarch was Dagobert (/dah-go-bair/) I, who ruled from 629 to 639 CE. FTP, name this Frankish imperial dynasty whose name derives from the name of the grandfather of Clovis I, that being King Merowig (/mare-o-vig/).

Answer: **Merovingian** Dynasty

8. 1889's "Auld Licht Idylls" and "A Window in Thrums" are amongst this Scottish author's earliest works. Son of a weaver and an extraordinarily powerful mother, he studied at the University of Edinburgh, worked for a Nottingham newspaper, and contributed to various London journals before moving to London in 1885, where he published such novels as "Little Minister" and "Sentimental Tommy". FTP, name this novelist and playwright, author of such works as "Quality Street", "What Every Woman Knows", and his best known work, 1904's "Peter Pan".

Answer: **Barrie**, Sir James Matthew.

9. This English composer's first big break came in 1885 when he succeeded his father as organist at Saint George's Roman Catholic Church in Worcester (/wuh-stur/). He gained some recognition with the 1890 performance of his overture "Froissart" (/fwrah-zart/), but widespread acclaim would have to wait until 1899, when the Hungarian conductor Hans Richter performed the "Variations on an Original Theme", also known as the "Enigma Variations". FTP, name this musicmaker, creator of five "Pomp and Circumstance" marches.

Answer: **Elgar**, Sir Edward William

10. Measurements on this second-hottest layer of solar gas particles by the Solar and Heliospheric Observatory satellite in 1996 showed that oxygen ions at one point above the sun's north pole simmered at a temperature far higher than had been seen before. While conventional scientific research had determined its temperature to be in the range of one to five million degrees Kelvin, these more recent findings showed at a distance of 0.9 solar radii an oxygen-ion temperature of one **hundred** million Kelvin. FTP, name this outermost layer of the sun which shares its name with a well-known brand of inexpensive Mexican beer.

Answer: **Corona**

11. Arthur Engel, Edward Barbeau, and Graham Pollard in 1991, Martin Gardner, Murray Klamkin and Marcin E. Kuczma (/kutz-ma/) in 1992, Maria Falk de Losada and Peter J. O'Halloran in 1994, and Andy Liu in 1996 were the first recipients of an award named after this renowned mathematician who once stated (quote) "A mathematical problem should be difficult in order to entice us, yet not completely inaccessible, lest it mock our efforts." FTP name this great modern thinker who in 1900 presented to the International Congress of Mathematicians his now famous 23 problems for 20th century mathematicians to solve.

Answer: **Hilbert**, David (Accept "David **Hilbert** Award", prompt for more info on "World Federation of National Mathematics Competitions")

12. The father of twin sons Antiphas and Thymbraes, he served as a priest of Apollo at Troy. He offended Apollo by breaking a previous oath of celibacy and bearing children. Subsequently, while preparing to sacrifice a bull on Poseidon's altar, this temple priest and his twin sons were crushed to death by two great sea serpents. FTP, name this fellow who gave Apollo further reason to vanquish his existence by warning the Trojans against accepting the wooden horse left by the Greeks.

Answer: **Laocoon** (/low (rhymes with "how")-ko-on/)

13. Known by chemists as 3,4-methylenedioxy-N-methamphetamine, this drug has gained popularity over the past 20 years because of its ability to produce strong feelings of comfort, empathy, and connection to others. Its use is closely tied to the global rave scene, but it has also been used by rogue therapists as an adjunct to psychotherapy. FTP, name this controlled substance whose slang terms include “adam”, “bean”, “roll”, “E” and “X”.

Answer: **Ecstasy** or **MDMA** (prompt for more info on “E” or any of the other slang terms listed in the tossup text)

14. On this writer’s second day in Hollywood in August of 1926, Cecil B. DeMille saw her standing at the gate of his studio, offered her a ride to the set of his ongoing project, and gave her a job as an extra. A few days later, she met an actor, Frank O’Connor, whom she married in 1929. After years of struggling, she sold her first screenplay, “Red Pawn”, to Universal Studios in 1932. Her first stage play, “Night of January 16th”, was produced initially in Hollywood and then on Broadway. FTP, name this Russian-American writer and objectivist author of “We The Living”.

Answer: **Rand**, Ayn

15. In 1968, this politician declared Gabon a single-party state, assuming the post of secretary-general of the Gabonese Democratic Party. He converted to Islam in 1973, and drove his country into debt with construction of his \$30 million presidential palace, preparations for the 1977 Organization of African Unity conference, and construction of the massive Trans-Gabon rail system. FTP, name this Gabonese president who shares his last name with a type of Latin percussion instrument.

Answer: **Bongo**, Omar (Albert-Bernard)

16. This surgical procedure brought together the technique of keratomileusis (/kair-a-toe-mi-lou-zis/) with the application of the Excimer Laser. It has been performed since the early 1980’s, and over the years has become perfected for the correction of most ranges of nearsightedness, farsightedness and astigmatism. FTP, identify this surgery whose name is an acronym for Laser Assisted In Situ Keratomileusis.

Answer: **LASIK** (accept “Laser Assisted In Situ Keratomileusis” or “Laser Assisted Keratomileusis”; prompt for more info on “Laser”)

17. Born in Muskegon, Michigan, this Detroit rock legend was raised in a trailer park just outside Ann Arbor and became class president at Pioneer High School. His albums include *Funhouse*, *Kill City*, *TV Eye*, *New Values*, and *Metallic KO*, which was originally a bootleg recording, but later endorsed by this artist as an official release, documenting his band’s last ever performance in Detroit in 1974. FTP name this punk forefather and leader of The Iguanas and The Stooges.

Answer: **Osterburg**, James Newell or **Iggy Pop** (Accept “**Iggy and the Stooges**”, prompt for more info on “**The Stooges**”)

18. The subject matter of this artist’s paintings derives almost exclusively from the Brandywine Valley surrounding his home town of Chadd’s Ford, Pennsylvania, and from the area near his summer home in Cushing, Maine. He was the first painter to receive in 1963 the Presidential Freedom Award, and the first American artist since J. S. Sargent to be elected to the Academie Francaise (/fron-sez/) des (/day/) Beaux-Arts (/boze-ar/) in 1977. FTP, name this painter whose best known work, “Christina’s World”, demonstrates his genius of using unusual angles of perspective.

Answer: **Wyeth**, Andrew

19. This 20th-century religious demagogue and convicted tax-dodger was an engineering student and a dock worker before founding his church in 1954, with a doctrine based on his "interpretation" of Christianity. Long connected with American conservative causes, 300 of his followers were used in a three-day fast for Richard Nixon on the Capitol steps in an attempt to influence public opinion during the Watergate scandals. FTP, name this Korean expatriate who founded the Holy Spirit Association for the Unification of World Christianity, a.k.a. the Unification Church.

Answer: **Sun Myung Moon**

20. Johnny, the main character in this Stephen King novel, emerges from long accident-induced coma with the ability to see the future. Forseeing ultimate disaster, Johnny must choose between murdering a single individual or allowing a world to remain under threat of destruction. FTP, name this book, adapted for film in 1983, which concentrates on Mr. Smith's conflict with his newfound clairvoyance.

Answer: **"The Dead Zone"**

21. Regarding this song, Neil Young once said: "It's still hard to believe I had to write this song. It's ironic that I capitalized on the death of those American students. Probably the greatest lesson ever learned at an American place of learning. My best CSNY out. Recorded totally live in Los Angeles. David Crosby cried after this take." FTP, identify this Crosby, Stills, Nash and Young song written in the wake of the Kent State shootings in May of 1970.

Answer: **"Ohio" or "Four Dead in Ohio"**

22. The 1978 formation of this deviant sexual interest group was inspired by the success of a campaign based in Boston's gay community to defend themselves against a perceived "local witchhunt". Its website includes an article detailing the intimate relationship shared by poet Walt Whitman and his young love Bill Duckett. FTP, name this outlaw organization which, on an episode of South Park, rented out the local hotel under the pseudonym of the "North American Marlon Brando Look-Alikes".

Answer: **North American Man-Boy Love Association (NAMBLA)**

23. Its first permanent settlers were French fur traders led by Francois (/fran-swah/) Chouteau in 1821. His settlement, Westport Landing, prospered as a river port and as the terminus for the Santa Fe and Oregon Trails. FTP, name this city which is home to the world headquarters of the Church of the Nazarene, the Lone Jack Civil War Museum, and the Harry S. Truman Sports Complex.

Answer: **Kansas City, Missouri** (accept with prejudice "Kansas City, Kansas")

24. These are exotoxins produced by such bacteria as Staphylococcus Aureus, and they act on the viscera to produce nausea, cramps, diarrhea and vomiting. FTP, name this type of pathogen also released by e coli and by vibrio (/vib-ree-oh/) cholera (/call-er-uh/).

Answer: **Enterotoxins**

25. Retired from NASCAR in 1988, currently he operates his Executive Racing School in Lakeland, Florida. During his career, he won the Daytona 500 four times, he captured the Southern 500 crown five times, and with 83 career wins, he ranks fifth on the all-time NASCAR victory list. FTP, name this legend who was the first at Daytona to qualify with a speed over 200 miles per hour, and who is the only driver in NASCAR history to win three consecutive national championships, in 1976, '77 and '78.

Answer: **Yarborough, Cale**

26. Anuradhapura (/ah-noor-ah-da-poor-a/) being this country's ancient capital, the Sinhalese Kingdom thrived here from 200 B.C. to 1200 C.E., when southern Indian invasions eroded the imperial power. Successive settlements by the Portuguese in 1505, the Dutch in 1638, and the British East India Company in 1796 further usurped native rule, until it regained its independence in 1948. FTP, name this island republic separated from mainland India by the Palk Strait and the Gulf of Mannar.

Answer: **Sri Lanka** (accept "Ceylon")

(extra in case of repeats or editing)

27. "Cimarron", "Driving Miss Daisy", "My Fair Lady", "On The Waterfront", "Grand Hotel", "Casablanca", "Midnight Cowboy", "Lawrence of Arabia", "Annie Hall", "Dances With Wolves", "The Last Emperor", "The French Connection", "Around the World in 80 Days", "Gandhi", "Chariots of Fire", "Ordinary People", and "The Silence of the Lambs" were winners, FTP, of which particular Oscar given out annually by the Motion Picture Academy of America?

Answer: **Best Picture** (prompt for more info on "Academy Award" or "Oscar")

By Mia Knapp

Bonuses:

1. Name this scientist, 30-20-10:

(30) His resonance theory, outlined in his textbook The Nature of the Chemical Bond and the Structure of Molecules and Crystals, came in 1951 under heavy but futile attack in the U.S.S.R. when doctrinaire Communist scientists argued that it disagreed with dialectical materialist principles.

(20) In the wake of the development of nuclear weapons, he expressed his disagreement in his 1958 book No More War.

(10) He won two Nobel Prizes, for Chemistry in 1954 and for Peace in 1962.

Answer: **Pauling**, Linus Carl

2. The category is a "Where Are They Now" on You Can't Do That On Television cast members. For 5 points each, give the cast member's full name from the clues given:

(5) He went on to host and produce the first locally-produced radio talk show in Tanzania.

Answer: **Osome**, Brodie

(5) She went on to major in geology at the Indiana University in Bloomington.

Answer: **Chow**, Stephanie

(5) After a decade working as a producer at TVOntario, she is now the producer of CBC Playground.

Answer: **McGlade**, Christine

(5) She got her IMBA from the University of Ottawa in 1998 and now lives in northern California with her husband Rashid.

Answer: **Lindores** (/lin-door-ess/), Vanessa

(5) He costarred with Penelope Ann Miller and Daniel Baldwin in a 2000 TV Movie titled "Killing Moon".

Answer: **Godfrey**, Matthew

(5) She played special agent Emma Hollis in the FOX series "Millennium".

Answer: **Scott**, Klea

3. For 10 points each, identify these British politicians who were expelled from their positions in Parliament:

(10) He was expelled in 1954 for forging signatures on letters purporting to guarantee debts owed by his companies in excess of 100,000 pounds.

Answer: **Baker**, Peter Arthur David

(10) He was convicted in 1891 of procuring for an immoral purpose one Miss Nellie Maud Baskett.

Answer: **Verney**, Edmund Hope

(cont'd next page)

(10) He was expelled in 1922 for diverting for his own personal use contributions earmarked for the Victory Bond Club.

Answer: **Bottomley**, Horatio William

4. For five points each and a five point bonus for getting all five correct, identify these sociologists from the titles of books that they wrote.

(5) "Sexual Behavior in the Human Male"

Answer: **Kinsey**, Alfred Charles

(5) "The Protestant Ethic and the Spirit of Capitalism"

Answer: **Weber** (/vay-bur/), Max

(5) "Twenty Years at Hull House"

Answer: **Addams**, Jane

(5) "Conspicuous Consumption"

Answer: **Veblen**, Thorstein

(5) "The Presentation of Self in Everyday Life"

Answer: **Goffman**, Erving

5. Albedo is the fraction of light that is reflected by a body or surface. For 5 points each, identify the planet of the solar system with the given albedo factor.

(5) 0.65 ("point-six-five" or "sixty-five hundredths")

Answer: **Venus**

(5) 0.15

Answer: **Mars**

(5) 0.37

Answer: **Earth**

(5) 0.52

Answer: **Jupiter**

(5) 0.41

Answer: **Neptune**

(5) 0.55

Answer: **Pluto**

6. For 5 points each, given a particular work of human creation, identify the most likely corresponding Greek Muse who would have inspired such a work:

(5) William Shirer's "The Rise and Fall of the Third Reich"

Answer: **Clio** (/clee-o/) (history)

(cont'd next page)

(5) The 1812 Overture

Answer: **Euterpe** (music)

(5) Shakespeare's "MacBeth"

Answer: **Melpomene** (tragedy)

(5) "Beowulf"

Answer: **Calliope** (epic poetry)

(5) The Book of Psalms

Answer: **Polymnia** or **Polyhymnia** (sacred poetry)

(5) Anything ever performed by Up With People

Answer: **Terpsichore** (choral dance and song)

7. For 5 points each, for the given country identify **not** its Prime Minister but instead its President:

(5) Italy

Answer: **Ciampi** (/chom-py/), Carlos Azeglio

(5) France

Answer: **Chirac**, Jacques

(5) Germany

Answer: **Rau**, Johannes

(5) Ireland

Answer: **McAleese**, Mary

(5) Switzerland

Answer: **Ogi**, Adolf

(5) India

Answer: **Narayanan**, Kicheril Raman

8. For 10 points each, identify the Shakespearean drama from which the following lines were taken:

(10) "By my troth, Nerissa, my little body is weary of this great world."

Answer: **"Merchant of Venice"**

(10) "Fathers we once again are met in council; Caesar's approach has summon'd us together, and Rome attends her fate from our resolves."

Answer: **"Cato"**

(10) "Here in Verona, ladies of esteem are made already mothers..."

Answer: **"Romeo and Juliet"**

9. For 5 points each and a bonus 5 for getting all five correct, identify the particular Idealab! e-business venture from the clues given:

(5) An online resource for researching, financing, and purchasing new cars and related services
Answer: **Carsdirect.com**

(5) An advertiser-supported ISP and sponsor of the halftime shows on NBC's NBA telecasts
Answer: **NetZero (.com)**

(5) An online retailer of cookware and specialty foods for cooking enthusiasts
Answer: **Cooking.com**

(5) The world's largest home auction site
Answer: **Homesdirect (.com)**

(5) The exclusive worldwide resource for web addresses ending in .tv ("dot-t-v")
Answer: **Dot-T-V (or www-dot-tv)**

10. Name this notable American politician, 30-20-10

(30) His younger sister, Robin, died tragically of leukemia in 1953

(20) He lost a bid for Congress in 1978 to then-state senator Kent Hance

(10) He made a fourteen-and-a-half million dollar profit on his initial investment when he sold his baseball team in 1998

Answer: **George W. Bush**

11. Identify these novels for 10 points by the anagram of the title, and for 5 points when also given the author.

(10) "Nose Defeat"

(5) John Steinbeck

Answer: **"East of Eden"**

(10) "Half eating San-Salvadore Gin"

(5) Hunter S. Thompson

Answer: **"Fear and Loathing in Las Vegas"**

(10) "Mangle Terry"

(5) Sinclair Lewis

Answer: **"Elmer Gantry"**

12. For 5 points each and a bonus 5 for getting all parts correct, answer these questions about disasters:

(5) What city was the setting on December 3, 1984, of a methyl isocyanate leak which killed 2000 and injured 150,000 more?

Answer: **Bhopal**

(5) What was the name of the North Sea petroleum rig which exploded in July of 1988 killing 166 workers?

Answer: **Piper Alpha**

(5) On July 2, 1990, what city saw a stampede in a pedestrian tunnel that killed over 1400 pilgrims?

Answer: **Mecca**, Saudi Arabia

(5) In what city did the Sampoong department store collapse in June of 1995, killing 206?

Answer: **Seoul**, South Korea

(5) Twelve students were crushed by logs on November 17, 1999 at what university?

Answer: **Texas A&M** University

13. For 5 points each, given a pair of cities, identify the route number corresponding to the limited-access interstate highway which connects the cities.

(5) Fort Wayne and Indianapolis, Indiana

Answer: I - **69**

(5) Dayton, Ohio and Columbus, Ohio

Answer: I - **70**

(5) Denver, Colorado and Albuquerque, New Mexico

Answer: I - **25**

(5) Gainesville, Florida and Miami, Florida

Answer: I - **75**

(5) Nashville, Tennessee and Louisville, Kentucky

Answer: I - **65**

(5) Spokane, Washington, and Chicago, Illinois

Answer: I - **90**

14. For 5 points each, name the pharmaceutical manufacturer that produces the following sets of drugs:

(5) Darvocet-N and Prozac

Answer: **Eli Lilly** and Company

(5) Erythromycin (/uh-ree-throw-my-sin/) and Hytrin

Answer: **Abbott** (cont'd next page)

(5) Cardizem CD and Allegra
Answer: **Aventis Pharmaceuticals**

(5) Precose and Baycol
Answer: **Bayer**

(5) Zantac 150 and Wellbutrin
Answer: **Glaxo Wellcome**

(5) Dexedrine and Thorazine
Answer: **Smithkline Beecham**

15. Pope John Paul II has been pope since 1978, succeeding John Paul I, whose reign started and ended in that year, but for 5 points each, name six of the ten Popes who preceded John Paul I.

Answers: **Pius VIII** (Pius the 8th)
Gregory XVI (Gregory the 16th)
Pius IX (Pius the 9th)
Leo XIII (Leo the 13th)
St. **Pius X** (St. Pius the 10th)
Benedict XV (Benedict the 15th)
Pius XI (Pius the 11th)
Pius XII (Pius the 12th)
John XXIII (John the 23rd)
Paul VI (Paul the 6th)

16. Given the following seasons, for 5 points each identify the leading point-producer (this includes goals **and** assists) for the Detroit Red Wings in that season:

(5) 1978-79
Answer: **Nedomansky, Vaclav**

(5) 1954-55
Answer: **Reibel, Earl**

(5) 1973-74
Answer: **Dionne, Marcel**

(5) 1981-82
Answer: **Osborne, Mark**

(5) 1984-85
Answer: **Ogrodnick, John**

(5) 1983-84
Answer: **Yzerman, Steve**

17. For 5 points each, identify these characters from Robert Heinlein's "Stranger in a Strange Land":

(5) The full name of the main character and Martian emigre

Answer: **Valentine Michael Smith**

(5) In Heinlein's words, the "bon vivant, gourmet, sybarite, popular author extraordinary, and neo-pessimist philosopher"

Answer: **Harshaw, Jubal**

(15) The names of Jubal Harshaw's three female assistants

Answers: **Anne, Miriam, and Dorcas**

(5) The self-proclaimed religious cult-figure who is killed in a confrontation with Michael Smith

Answer: Reverend **Foster** (or Archangel **Foster**)

18. For 5 points each and a bonus 5 for getting all parts correct, identify the body of water upon which the following cities lie:

(5) Baku, Azerbaijan

Answer: **Caspian Sea**

(5) Madras, India

Answer: **Bay of Bengal**

(5) Bournemouth (/burn-muth/), England

Answer: **English Channel**

(5) Pescara, Italy

Answer: **Adriatic Sea** (accept **Pescara River**)

(5) Oswego, New York, USA

Answer: **Lake Ontario**

19. Given the album title, identify for 5 points each the musical group or artist who recorded that album:

(5) "Oregon Mountains"

Answer: **Simmons, Woody**

(5) "Blow Your Own Horn"

Answer: **Alpert, Herb**

(5) "Love You Live"

Answer: The **Rolling Stones**

(5) "Waiting For Columbus"

Answer: **Little Feat**

(5) "Rat in the Kitchen"

Answer: **UB40**

(cont'd next page)

(5) "In Search of the Lost Chord"
Answer: The **Moody Blues**

20. For 5 points each, given the name of an arena, identify the National Hockey League franchise that plays its home games at said venue:

(5) Nationwide Arena
Answer: **Columbus / Blue Jackets** (either one part or the other is good enough to get the 5 points)

(5) Skyreach Center
Answer: **Edmonton / Oilers**

(5) X-Cel Energy Center
Answer: **Minnesota / Wild**

(5) Gaylord Entertainment Center
Answer: **Nashville / Predators**

(5) National Car Rental Center
Answer: **Florida / Panthers**

(5) The Pepsi Center
Answer: **Colorado / Avalanche** (accept "Those Evil F%\$&ers", "Pure Evil", et al.....just kidding)

21. Identify the English poet, 30-20-10

(30) He was expelled from Oxford for writing a pamphlet titled "The Necessity of Atheism"

(20) While sailing in the Bay of Spezia, Italy on July 8, 1822, he was drowned in a storm.

(10) He combined melodic verse and his belief in an ideal society in such works as "Queen Mab", "The Revolt of Islam" and "Prometheus Unbound"

Answer: **Shelley**, Percy Bysshe

22. For 10 points each, identify these computer terms:

(10) In coding, it's the absolute memory address of the first location of a program or program segment.

Answer: **Origin**

(10) It is the amount of a capacitor's capacitance if it will store a charge of 1 coulomb when a 1-volt potential is applied across it

Answer: (One) **Farad**

(cont'd next page)

(10) A collection of storage locations that a program can borrow for computations and then return, **or** A complete binary tree whose nodes contain search keys arranged in descending order, **or** the last name of an Arizona State tight end taken in the 2001 NFL Draft

Answer: **Heap**

23. For 10 points each, identify these historical treaties:

(10) This treaty signed in 1555 ended the war between the Schmalkaldic League and the Holy Roman Emperor, providing a basis of religious agreement for Catholics and Protestants

Answer: Peace of **Augsburg**

(10) The Earl of Bute signed this treaty in 1763 ending the Seven Year's War

Answer: Peace of **Paris**

(10) This treaty, signed in 1648, actually consisted of two treaties, one having been signed in Munster, and the other in Osnabruk.

Answer: Peace of **Westphalia**

24. For 5 points each, identify the nationality of the following architects:

(5) Alvar Aalto

Answer: **Finnish**

(5) Donato Bramante

Answer: **Italian**

(5) Walter Gropius

Answer: **German**

(5) Oscar Niemeyer

Answer: **Brazilian**

(5) Antonio Gaudi

Answer: **Spanish**

(5) John Nash

Answer: **English**

25. For 10 points each, identify these figures in Iranian history

(10) This Iranian leader headed a coup in 1921, becoming prime minister of the new regime in 1923

Answer: Reza **Shah Pahlevi**, or Reza **Khan**

(10) The last shah of the Kajan Dynasty, he was deposed by Reza Khan in 1925

Answer: **Mirza**, Amhad

(10) This moderate-liberal Muslim cleric was elected president in 1997

Answer: **Khatami**, Mohammed