

1) He's been spotted "doing the pigeon" with Jimmy Swaggart, fondling a young Michael Jackson, conspiring with OJ Simpson, taking part in an orgy with Tommy Lee & Pamela Anderson, harassing young women on a Dutch episode of *The Jerry Springer Show*, painted into the back of Dennis Rodman's hair, and, most recently, in a poster supporting Osama bin Laden. For 10 points, name this TV star, roommate and evil corruptor of Ernie.

Answer: **Bert**

2) Helena Glory has been ~~sent~~^{sent} by the Humanity League on a mission to ~~a~~^{an} automaton factory to gain better living conditions for the creations, but she is dismayed to learn that if they begin to act erratically, they are destroyed and recycled. After a confrontation with the executives (including her husband, general manager Harry Domin), the higher-end automatons start to exhibit human-like emotions. Such is a very brief plot synopsis of, for 10 points, what 1920's drama by Karel Capek?

Answer: **R.U.R.** (accept Rossum's Universal Robots)

3) A disheveled man yelling, "God lives on!" hit it at least four times with a small hammer on April 6, 2001, the first assault on it since the early 1970s when a man was arrested for beating it with a car tailpipe. According to Andrew Lins, a Philadelphia Museum of Art curator who examined it after the attack by Mitchell Guilliat, the damage was superficial, especially when compared with previous abuse. FTP, identify this piece of American history whose name was first applied in an abolitionist pamphlet of 1839, the largest single tourist attraction in Philadelphia.

Answer: The **Liberty Bell**

4) The son of an Austrian-born violinist in the Boston Symphony Orchestra & the Kneisel Quartet, he studied violin, piano, and conducting in Berlin at the Hochschule fur Musik. He debuted as a soloist there, but returned to the US with the outbreak of WWI, and joined the Boston Symphony Orchestra as a viola player. In 1929, he organized the outdoor series of Esplanade Concerts. For 10 points, name this man, who a year later was appointed to the position which he held for the next 49 years, conductor of the Boston Pops.

Answer: Arthur **Fiedler**

5) In British slang, it is a foolish or incompetent person. In electronics and digital system design, the IEEE standard for it is a rectangle enclosing the numeral one. In C++ it exists in both input and output forms, with the output form being flushed by code such as cout [CEE-out] stream-insertion operator flush semicolon or endl [end-ELL] semicolon. In chemistry, it is defined as any solution that undergoes a limited change in pH upon the addition of a small amount of acid or base. FTP, identify this term whose standard lexical definition is a device for polishing.

Answer: **buffer**

6) From 1903 until his death in 1909, he was chaplain of the US Senate. A Unitarian minister from Boston, he also wrote prolifically, mostly biographical and historical works such as *Crusoe in New York*, *Franklin in France*, and *If Jesus Came to Boston*. His uncle was also quite famous – indeed, that relative was supposed to be the principle speaker at Gettysburg. For 10 points, name this man, grand-nephew of an American patriot, and author of *The Man Without a Country*.

Answer: Edward Everett **Hale**

7) According to Ian Hancock, a researcher at the University of Texas, they were originally a mix of Indian ethnic groups in the 11th century who banded together to resist Islamic forces. Their language is thus really a *lingua franca* for military use; which might explain why the codified dictionary has only 5000 words. For 10 points, give the name for this European ethnic group, numbering approximately 6 million, despite the _ million killed in the Holocaust.

Answer: **gypsies** (accept: Roma)

8) The only native El Salvadorean in the NFL, he was originally signed by the San Diego Chargers out of Oregon State in early 2000, but he saw no action for them. He played for the Amsterdam Admirals of NFL Europe in 2000, tying for the league lead with 9 field goals. Then, his travels took him to Los Angeles, where he hit on 20 of 25 field goals for the XFL champion Xtreme. For 10 points, name this NFL kicker, who has hit (as of this writing) his first 10 field goals for the San Francisco 49ers.

Answer: **Jose Cortez**

9) Energy and momentum are conserved, with the scattered photon having less energy and a longer wavelength than the incident photon. In the laboratory, an x-ray might strike an electron and be scattered away from its original direction of motion while the electron receives an impulse and begins to move. One way to think about this phenomenon is to equate the loss of photon energy with the gain in electron kinetic energy, though this does not take into account the fact that two distinct photons are involved in the event. FTP, name this phenomenon, first explained by a researcher at Washington University in St. Louis in 1923, in which a photon is scattered by an electron.

Answer: **Compton effect**

10) NOTE: The following tossup was taken verbatim, with only minor rearrangement, from a web page as translated from German by Google.

He studied law and theology, became a priest, gave the occupation up however and took over different diplomatic missions, which led it through completely Europe. 1755 he because of its ausschweifenden life and proven Blasphemie were condemned to five years detention in the famous bleikammern. It could escape and became 1757 Lotteriedirektor in Paris, was however soon again on the escape. In the cities, where he stopped off, it always succeeded to it to operate in the finest sets but led constant scandals, frauds and Liebshaendel again and again to the classification. The adventurous life tiredly, he assumed 1785 the librarian place with the count Waldstein on its lock Dux in Boehmen, where he found the time, its experiences (15 tapes in French language) to finally note and thus future generations a anecdote-rich view of 18. To leave century. The just as global report on its moved dear life made these memoirs famous. FTP give the name of the large adventurer and lover that became proverbial, among whose still further writings are the novel *Eduard and Elisabeth* or *the journey the inside the globe* and his notorious *Memoirs* detailing his many love affairs.

Answer: **Giacomo Girolamo Casanova**

11) In 1993, Andre Kolingba lost power in this country's elections, and he hasn't been seen in public since. But, it is believed that his forces are responsible for the May, 2001 failed coup, which did not unseat current President Ange Felix Patasse, who only held onto the presidency through the 90's with the intervention of a rebel group from the neighboring Democratic Republic of Congo. For 10 points, name this nation, whose government lacks the CFA francs to pay their civil servants in the capital city of Bangui.

Answer: **Central African Republic**

12) Los Angeles, 1924-25. Uganda, 2001. Starting in China but then spreading worldwide, 1894-1900. Roman Empire, 541. And, perhaps most famously, all of Europe, 1347-52. For 10 points, identify the disease that has ravaged those locations at those times.

Answer: **bubonic plague (accept Black Death)**

13) Starting in 1992, astronomers have become aware of a vast population of small bodies orbiting the sun beyond Neptune. There are at least 70,000 "trans-Neptunians" with diameters larger than 100 kilometers in the radial zone extending outwards from the orbit of Neptune to 50 AU. Observations show that the trans-Neptunians are mostly confined within a thick band around the ecliptic, leading to the realization that they occupy a ring surrounding the sun. FTP, identify this ring of trans-Neptunian bodies that is widely believed to be the reservoir for short-period comets.

Answer: **Kuiper Belt**

14) Katje Borgesius, a Dutch triple agent. Vaslav Tchitcherine, a Russian intelligence officer. Geli Tripping, Tchitcherine's girlfriend and apprentice witch. Major Weismann, a German rocket scientist. Oberst Enzian, Weismann's protege. Dr. Edward Pointsman, a Pavlovian researcher. Roger Mexico, a statistician in the employ of Pointsman. And Tyrone Slothrop, an American lieutenant and experimental subject. For 10 points, in what 1973 novel by Thomas Pynchon do these characters appear?

Answer: **Gravity's Rainbow**

15) When the Moabites saw what Israel had done to the Amorites, King Balak of Moab summoned this man to curse them. Initially, he refused, but Balak finally convinced him to come, a decision that displeased God enough to send the Angel of the Lord to kill him on the road. Luckily, his donkey saw the angel and avoided it by walking off the road, pressing close to a wall, and finally stopping altogether. As one might imagine, the man became incensed with his donkey's behavior and beat her. As one would **not** imagine, the donkey talked back to him, demanding to know why she was beaten for doing her master a service. So goes the story of, FTP, what biblical character who had a talking ass?

Answer: **Balaam**

16) Very few of Carter's appointments were renewed by Reagan, but the choice for US Ambassador to Japan was. A history & political science professor, he served as a Congressman from 1943-53, then in the US Senate from 53-77. Lyndon Johnson made him majority whip in 1957, and when Johnson was elected Vice-President, he became Senate Majority Leader in 1961. For 10 points, name this man who died in October 2001, who served as Majority Leader longer than anyone else.

Answer: Mike **Mansfield**

17) Researchers at the University of New South Wales in Australia have found that this man's paintings, which were so deliberate in the making, contain unusually high orders of fractals which undoubtedly contribute to the "beauty" of his paintings. "Blue Poles," "The Blue Unconscious," and "Full Fathom Five" are examples of his innovative style of painting, which in the absence of mathematical interpretation was derisively referred to by some as "monkey painting." FTP name this troubled "action painter," a Wyoming native who died a troubled man in 1956.

Answer: Jackson **Pollock**.

18) A lawyer from Nantes, he founded L'Humanite, a socialist journal. Working his way through various posts in the French government, he helped implement the separation of church and state as minister of education and religion. Between 1909 and the mid 20s, he served as premier 11 times, and foreign minister to many governments after WWI. It was in this post that he negotiated the Locarno Pact with Gustav Stresemann, for which he won the 1926 Nobel Peace Prize. For 10 points, name this man, co-author of the 1928 agreement that outlawed war.

Answer: Aristide **Briand**

19) Around 1600, Johann van Helmont prepared this through destructive distillation of green vitriol (AKA ferrous sulfate.) It was used in the LeBlanc process for making sodium carbonate, its first major industrial use. With uses ranging from making rayon and auto batteries to pickling metals before coating them with steel, it's no wonder more of this is made each year than any other manufactured chemical. FTP name this colorless, oily, corrosive liquid, sometimes called oil of vitriol, with formula H₂ S O₄.

Answer: **sulfuric acid** [accept H₂ S O₄ or oil of vitriol on early buzz]

20) The British Office of National Statistics has coded it as a religion for purposes of the next census, although this coding falls short of declaring the faith an official religion. According to its adherents, it is a force created by and flowing through all living things which allows its masters to influence the minds of the weak. For 10 points, name this creed, famous Knights of which include Mace Windu, Ben Kenobi and Yoda.

Answer: **Jedi** [prompt on "the force" if said before "a force"]

21) Related to the Latin root *volvere* (from which we get "revolve"), it denotes turning or rotating. The earliest known example of music especially for this dance is found in a 1754 German comedy; indeed, it wasn't until about 1790 that the dance wasn't just called "Deutsche." It apparently caused quite a commotion in the medical community, as a 1797 medical pamphlet suggested that it spun people around too fast, causing weakness of the body and mind. For 10 points, name this dance in triple time, mastered by Johann & Richard Strauss.

Answer: **waltz**

22) This term refers to airborne pyroclastic material, usually ranging in size from 0.002 inches to the size of a small car, formed by the explosion of magma during a volcanic eruption. Pumice, cinders, and ash are the most common kinds of this material. For ten points, name it.

Answer: **tephra**

23. This mapping technique allows for analysis of Boolean logic reductions by their locations in a grid. Functions of two or more variables can be analyzed in this fashion, and the technique is useful in that multiple variables can be grouped on one axis. Patterns are thus more easily detected. For ten points, name this technique, which can also be described as a rearranged truth table.

Answer: **Karnaugh map** or K-maps

1) For 15 points each, name these musicians who gave their last performances in Knoxville, Tennessee.

a) On February 17, 1943, he cut off his American tour early after finishing a recital at Alumni Gym, citing illness from his recently diagnosed pleurisy. It turned out to be terminal cancer, and he died several weeks later. His 3rd Piano Concerto is the one that drove David Helfgott around the bend.

Answer: Sergei **Rachmaninoff**

b) A founding member of Quiet Riot, he left the band to audition for Ozzy Osbourne's solo band, and he got the gig. On March 18, 1982, Ozzy was doing a show in the Civic Coliseum, but this guitarist's flight crashed the next day. Five years later, Ozzy released a live album they'd done together, titling it *Tribute*.

Answer: Randy **Rhoads**

2) War is hell, of course, but sometimes it's kind of amusing for those not involved. Answer the following FTPE:

a) In 1973 Libya occupied the northern part of this nation and in 1983 they invaded and held the uranium-rich Aozou Strip. This nation, led by Hissene Habre, drove Khaddafi's tanks out using Toyota pickup trucks with machine guns.

Answer: **Chad**

b) This war, triggered by a seemingly-trivial event, broke out in 1969 between two Central American nations.

Answer: **the Soccer War**

c) Name the winner of the Soccer War, which within four days had captured much of Honduras. Oh, and they also won the third and deciding World Cup qualifying game, wisely held on neutral turf.

Answer: **El Salvador**

3) This bonus is sure to prove shocking to you all. At last, another question about electromagnetism! FTP each, identify these quantities or laws:

a) This constant, which figures in the definition of Boltzmann's Constant, is equal to 8.85×10^{-12} coulombs squared per newton meter squared and is represented by an epsilon with a subscript zero. Hopefully it is lenient with all in its allowances.

Answer: **Permittivity Constant**

b) This law states that the total flux of a closed surface is equal to the enclosed charge divided by the permittivity constant. It also defines flux more broadly as the integral of the quantity $E \cdot dA$, where E represents the electric field and A equals the area of a surface.

Answer: **Gauss' Law**

c) This law, named for a famous English physicist, states that an electromotive force is caused to act on a loop of wire or other metal object if the number of magnetic field lines which emanate from another object is changing.

FTP, name this fundamental rule named for a guy with a famous cage and the phenomenon it describes.

Answer: **Faraday's Law** of Induction

4) For 10 points each, identify these novels of D. H. Lawrence that Adam West never appeared in a movie adaptation of.

a) His first novel, it's the only one told in the first person. Its central characters, Lettie Bearsall, George Saxton, and Leslie Tempest, have their stories told by Lettie's possibly homosexual brother Cyril.

Answer: *The White Peacock*

b) He initially called it *The Sisters* or *The Wedding Ring*, and he saw it as the first part of *Sons and Lovers*. Like *Sons and Lovers*, it deals with the Brangwen family, notably Ursula, who leaves England for India.

Answer: *The Rainbow*

c) Its main character (like Siegmund in *The Trespasser*) plays in an orchestra. Escaping the dreariness of his life, he goes to London, and befriends Rawdon Lilly who takes him across Europe meanderingly.

Answer: *Aaron's Rod*

5) 30-20-10, give the shared first and last names, given awards they won (along with other biographical information).

30) A man of this name finished 10th in this year's ACDelco ASA (American Speed Association) Racing series, with 8 top 10 finishes. He drives the #28 car, sponsored by EMAS Ambulance Service.

20) Another of this name was the winner of the 1994 John B. Sollenberger Trophy as the leading scorer in the American Hockey League, that same year, he made his NHL debut with the Detroit Red Wings. Three years later, this defensive center won the Stanley Cup with the Red Wings, before moving on to the Bruins in 1997, the Rangers in 1999, and the Lightning prior to the start of the 2001 season.

10) Perhaps the most famous bearer of this name was salesman of the year for Binford Tools, parlaying that into a gig hosting an award-winning cable access show called Tool Time.

Answer: **Tim Taylor**

6) For 10 points each, answer these questions about J. Sterling Morton. Yes, the J. Sterling Morton.

a) Editor of the first newspaper in Nebraska and Grover Cleveland's Secretary of Agriculture, he proposed what holiday at a meeting of the State Board of Agriculture in 1872?

Answer: **Arbor Day**

b) His son, Joy, added what anti-caking compound to salt, thereby both revolutionizing the industry, and beginning the company with the slogan "When it rains, it pours"?

Answer: **magnesium carbonate** (accept MgCO₃)

c) In the 1950's Morton's Salt diversified, buying up several chemical and pharmaceutical companies. But, in 1982, it merged with what other company, which then led it into the manufacture of most of the world's automotive airbags, as well as propulsion systems for the space shuttle?

Answer: **Thiokol Corporation**

7) FTPE, answer these questions about the brain's own instant messaging abilities.

a) The most abundant neurotransmitter in the body, it sends orders chiefly to the muscles usually causing them to contract.

Answer: **acetylcholine**

b) Lack of this neurotransmitter is often the cause of the loss of muscular control in Parkinson's disease, and too much may cause symptoms very similar to schizophrenia. It's main function is as an inhibitor dampening device to keep us rooted.

Answer: **dopamine**

c) Present in blood platelets and the gastrointestinal tract as well as the brain, it plays an important role in blood clotting, initiating sleep, fighting depression, and in causing migraines in susceptible people.

Answer: **serotonin**

8) FTPE name these works by Sir Walter Scott:

a) Based in part on the Scottish Border legend of Gilpin Horner, this long narrative poem published in six cantos tells of a feud between Lady Buccleuch and Lord Cranstoun, who loves her daughter.

Answer: **The Lay of the Last Minstrel**

b) It relates the tensions between Jacobites and Hanoverians in mid-18th century Scotland. It lent its title to the series of over two dozen novels, published together in a mind-boggling 48 volumes shortly after his death.

Answer: **Waverley**

c) In this novel in the Waverley series, Francis Obaldistone contends with his dastardly cousin Rashleigh for the hand of the beautiful Diana Vernon. Francis is aided by the title character, a famed Scottish outlaw, in exposing Rashleigh.

Answer: **Rob Roy**

9) Talk about yer polygots! For ten points, identify the Jewish German mathematician responsible for, among other things, the theory of cellular automata, the bit as a measurement of computer memory, and the mathematical basis of quantum theory, which he set down between 1927 and 1929.

Answer: **John von Neumann**

Among von Neumann's other contributions is a model of the computer that describes the sequential execution of each line in a program. For five points each, give the term that describes each step in the four-cycle procedure he outlined for execution of a program. Note that since the word instruction appears as the first of two words in three of the four steps, only the second word will be required.

Answers: **fetch, decode, execute, storage**

10) Answer these questions about directors of the Central Intelligence Agency for the stated number of points.

a) (5 points) He served less than a year, from January 30, 1976 to January 20, 1977; yet, the new headquarters building is named for him. Maybe it's because he also served as President of the United States.

Answer: George **Bush**

b) (10 points) He was serving as Director of Central Intelligence at the time of the building of the original headquarters building, which includes a bas-relief of the nine-year leader.

Answer: Allen **Dulles** (prompt on "Dulles")

c) (15 points) This rear admiral was the first Director of Central Intelligence, serving the brief period from January 23, 1946 to June 10, 1946.

Answer: Sidney **Souers**

11) FTSNOP answer the following about the Hundred Years War:

a) (10) In this July 1346 battle, English forces were outnumbered 4 to 1 but won thanks to the skill of their longbowmen and the ineptitude of the French, who spent part of the battle killing their own retreating Genoese mercenaries.

Answer: **Crecy**

b) (5) He distinguished himself in combat as a 16-year-old at Crecy, captured the French king at Poitiers, and was responsible for the massacre at Limoges. While his dad lived long enough to keep him from securing the throne, he did secure it for his son, Richard II.

Answer: **Edward the Black Prince**

c) (5) Having learned nothing from Crecy and Poitiers, at this 1415 battle the French again took heavily armored knights, dismounted them, and packed them together in a narrow, newly-plowed field between two woods.

Answer: **Agincourt**

d) (10) In the end, having frittered away its many gains, England renounced all claims to France except for this one port city, which they'd taken in 1347 after a year-long siege.

Answer: **Calais**

12) For the stated number of points, name the authors of these works, listed as masterpieces of fantasy in the *Science Fiction Reference Book*.

a) 5 points – *Watership Down*

Answer: Richard **Adams**

b) 5 points – *Flatland*

Answer: Edwin A. **Abbott**

c) 10 points – *Night of Light*

Answer: Philip Jose **Farmer**

d) 10 points – *Conan the Conqueror*

Answer: Robert E. **Howard**

13) Been through the Chunnel lately? Hope so. For 10 points each, name these three people, who have all been featured in commercials for Eurostar.

a) Remember the commercial during the World Cup that featured a French soccer player turning up his collar before shooting at a demonic goalkeeper and smugly saying "Au revoir"? He was a Manchester United star before David Beckham, and he showed up in *Elizabeth* playing the French ambassador Monsieur de Foix.

Answer: Eric **Cantona**

b) He's given the middle name Horatio in a 1999 movie directed by Spike Jonze (starring John Cusack and Cameron Diaz), but his middle name is really Garth. His best scene in the movie is when he wanders about a restaurant able to say only his own last name.

Answer: John **Malkovich**

c) First, she ripped off Little Eva and made "Locomotion" into her only US #1 hit, which led to a string of 27 consecutive top 20 hits in the UK. Then, she showed up at the closing ceremony of the 2000 Summer Olympics in her native Australia, singing "Dancing Queen". On the other hand, your tournament editor has GOT to hear her duet with Ben Lee (no, the other one) covering *The Reflex* for a Duran Duran tribute album.

Answer: Kylie **Minogue**

14) For 10 points each, answer these questions that your librarian-who-failed-chemistry-before-he-got-to-organic editor couldn't.

a) Name the one word descriptor of molecules that are said to be "left or right handed"

Answer: **chiral**

b) Name either of the two Latin words used to indicate "handedness"

Answer: **rectus** or **sinister**

c) A chiral molecule typically has a carbon atom with four different groups attached to it which give rise to the chirality. What is this carbon atom called?

Answer: **stereocenter**

15) Miramax, having clearly run out of ideas for movies, is set to begin filming a film adaptation of *Confessions of a Dangerous Mind*, an autobiography of dubious authenticity. For 10 points each, answer these questions about the film.

A) The author is expected to make a cameo in the film, which doesn't surprise – he's in front of the camera every chance he can get. We can only wonder how the years have treated him since his most-lasting contribution to American pop culture, *The Gong Show*, went off the air.

Answer: Chuck **Barris**

b) Making his feature film directorial debut and playing the role of Chuck Barris is a man who looks about as much like Chuck Barris as Chuck D does. Still, he looked about as much like Batman as Michael Keaton, Val Kilmer, and Adam West did, so maybe that'll be all right.

Answer: George **Clooney**

c) Starring opposite Clooney will be this former co-star, who appeared opposite Clooney in *The Peacemaker*.

Answer: Nicole **Kidman**

16) Don't we all love our elementary particles? Let us count the ways. For ten points each, name these theoretical or real particles.

a) The string theory of theoretical physics was devised partially in response to the belief that this particle must exist, because in quantum theory, the introduction of such a particle causes objects to interact at zero distance. Name this particle with zero mass and two units of spin.

Answer: **Graviton**

b) Introduced in a 1967 paper by Gerald Feinberg, this theoretical particle moves faster than light and has an imaginary mass. In addition, according to relativistic equations, when it loses energy, its velocity increases and vice versa. Name this particle, used to explain Cherenkov radiation.

Answer: **Tachyon**

c) Besides fermions, or massive particles, there are these particles, which carry forces. There is also a string theory stating that only these truly exist, the implications of which indicate 26 dimensions to the universe instead of 10. For ten, not twenty-six points, give this general term.

Answer: **Boson**

17) For 10 points each, identify these terms from film-making.

a) A lens with stepped-down concentric circles on the convex side, placed in front of a bulb as a condenser, acting as a spotlight if the bulb is away from the lens, or as a floodlight if it is close.

Answer: **Fresnel** lens

b) A container filled with powder that is electrically ignited to create a puff of smoke for special effects.

Answer: **flash pot**

c) The measurement for calculating the opening of the lens aperture, or diaphragm, on a camera in order to control the amount of light reaching the film.

Answer: **f-stop** (or f-number)

18) 5 points each, name the capital cities of the 6 countries.

- | | |
|--|--------------------------|
| A) Slovenia | Answer: Ljubljana |
| b) Croatia | Answer: Zagreb |
| c) Bosnia-Herzegovina | Answer: Sarajevo |
| d) Serbia | Answer: Belgrade |
| e) Montenegro (if you consider it a separate country, which the US currently does) | Answer: Podgorica |
| f) Macedonia | Answer: Skopje |

19) Answer these questions about the 4th century BCE philosophical school at Megara, for the stated number of points.

15 points) What associate of Socrates and student of Parmenides' writing founded the school?

Answer: **Euclides**

10 points) What student of Euclides is most closely associated with such statements as the liar's paradox "If you say that you're lying, and state the truth, you are lying" and the horned one "If you haven't lost something, you have it; you haven't lost horns, therefore you have horns"?

Answer: **Eubulides**

5 points) What student of Eubulides learned how to orate through the use of rocks in his mouth?

Answer: **Demosthenes**

20. 30-20-10, name the novel.

30) Conrad Dryfoos publishes a literary magazine called Every Other Week, but he is killed by a stray bullet when he tries to assist his co-worker, a socialist being beaten by a policeman.

20) Conrad's father had previously forbidden Angus Beaton, the art director of the magazine, from calling on his daughter Christine. In grief over the loss of his son, the father allows his daughter to see Beaton, but she rejects him.

10) In the end, the Dryfoos family sells the magazine to the editor, Basil March, and the sponsor, Fulkerson. The family moves to France, and Christine becomes engaged to a poor but proud nobleman in this 1890 novel by William Dean Howells.

Answer: **A Hazard of New Fortunes**

21) FTPE I will give you the name of a satellite in our solar system and your job will be to identify the planet it orbits.

- | | |
|---------------|------------------------|
| 1) Epimetheus | Answer: Saturn |
| 2) Leda | Answer: Jupiter |
| 3) Umbriel | Answer: Uranus |