

2001 Elvis Aaron Presley Memorial (?) Invitational Tournament  
Packet by Wisconsin B  
[Cathe Smith, Dave Presberry, Laurie Riley, Nolan Salzman]

TOSSUPS

1. Christine Cavanaugh portrayed the short, underestimated hero. Danny Mann was the crazy sidekick who impersonated roosters. Miriam Margolyes was the motherly figure who took the hero into her clan. Sounds like another Hollywood carbon copied film, except that none of these actors appeared in the movie. In fact, only two principal roles were not given voice dubs: Madga Szubanski, and James Cromwell. FTP, name this film about a farmer, his sheep, and the little sheep herder who inspired the phrase, "That'll do, Pig."

\_Babe\_

2. His comedy *The Relapse*; or, *Virtue in Danger*, was a sequel to Colley Cibber's *Love's Last Shift*. Other plays of his include *The Provok'd Wife* and *The Confederacy*. He took up another field in 1702, when he designed Castle Howard, Yorkshire. Later, he would design the Queen's Theatre, or Opera House, which was ruined because its acoustics were bad. A frequent partner of Nicholas Hawksmoor, Christopher Wren's clerk, this is, FTP, which architect, the master of English Baroque who designed Blenheim Castle?

Sir John \_Vanbrugh\_ (van\_BROO)

3. These devices are the most sensitive magnetometers, capable of measuring down to 5 times 10 to the negative fourteenth volts. They employ ultra\_low\_resistance loops with a "weak link" of normal material that carries a small current with respect to the rest of the loop. Flux changes in the loop can then be measured very sensitively. FTP, name these solid\_state devices that share their name with cephalopods in the order Teuthoidea.

\_Superconducting Quantum Interference Device\_s or \_SQUID\_s

4. One of this meeting's canons – rejected by Pope Damasus I – gave the bishop of its site precedence of honor over all other bishops except the bishop of Rome. Called by Theodosius I in 381, it clarified the doctrine of the Trinity and was deemed ecumenical, even though (perhaps as a sign of things to come) only Eastern bishops were invited. FTP, name this second ecumenical council of the Christian Church, which took place what the rejected canon called "the New Rome," and promulgated what became known as the Nicene Creed.

The Council of \_Constantinople\_

5. In 2000, this Nasdaq company's stock lost 98% of its value, going from a 52 week high of \$104.25 to a 52 week low of \$1.06. Perhaps gaining Sarah Jessica Parker as a spokesperson in February, 2001, will help turn that around. Founded in 1998, this Norwalk, Connecticut, company lets users bid on such things as home financing and telephone long distance, as well as travel items. FTP, name this internet company, which has said it will make no new advertisements with original pitchman William Shatner.

\_priceline.com\_

6. She initially wrote first in English and then rewrote her books in her native language, but later produced them simultaneously in both. She used the pseudonym Pierre Andrezel to write her only novel, *The Angelic Avengers*. She is more famous for her collections of tales, writing *Last Tales*, *Winter's Tales*, and the story collection *Seven Gothic Tales*. FTP, name this Danish woman, who wrote about her experiences on a coffee plantation in Kenya in the autobiography *Out of Africa*.

Karen Christen (Isak) \_Dinesen\_ or Baroness \_Blixen\_ Finecke

7. Book III of one of this man's great works inspired Jeremy Bentham to utilitarianism, and this man himself reworked that Book III into *An Enquiry Concerning the Principles of Morals*. Combining the ideas of Locke and

Newton, he began his investigations into how the mind gains knowledge in the work to which that famous Book III belongs, A Treatise on Human Nature. FTP, name the skeptical Scottish philosopher, whose studies were presented most famously in An Enquiry Concerning Human Understanding..

David \_Hume\_

8. Caused by a defect in the phenylalanine\_tyrosine metabolism, the mutation results in the synthesis of inactive enzymes. In plants this condition is always fatal, while in animals it usually just shortens their life span and causes red coloration in the eyes, as well as its better known effect. FTP, name the condition, which due to a lack of melanin, causes an absence of natural coloration.

\_albinism\_ or \_albino\_

9. Its lowest point is only 97 meters high, but its highest point, Kula Kangri, is more than 7,500 meters high. The Chhukha Hydel project, the largest single investment in this country, harnesses the waters of the Raidak River, to produce power. Surplus power goes to its large southern neighbor, from which it received its independence in 1949. FTP, name this country, Land of the Thunder Dragon, whose official language is Dzongkha, whose capital is Thimphu, and whose large southern neighbor is India.

\_Bhutan\_

10. King Baldwin II became the first protector of this group, giving them a place to stay. Formed in 1119 by Hugh de Payens, the group's population soared because of St. Bernard of Clairvaux's propaganda. Their popularity meant that they received donations of money and land from all of Europe, and it is possible that their wealth led to their persecution in the early 14th century. FTP, name this group of knights, essentially eradicated by Philip the 4<sup>th</sup> starting in 1307, whose name was derived from the holy building in Jerusalem where they originally stayed.

The (Knights) \_Templar\_s

11. In 1989, he won the CMA Horizon Award, in 1991 he married Lisa Hartman, and in 1993 he released his third album, The Hard Way. His first album, Killing Time, was the first album in country music to have five consecutive #1 singles. His latest album, D'lectrified, features no electrical instruments. FTP, name this harmonica\_playing, song\_writing Texan that sings such hits as "Summer's A\_coming," "No Time To Kill," "Like The Rain," and "Better Man."

Clint \_Black\_

12. It allowed for other rulings such as Abington v. Schempp and paved the way for the Lemon Test. Though a group in New Hyde Park was the specific target of this case, actions mandated by the State Board of Regents of New York were at issue. Justice Black, writing the majority opinion, sided with those who quoted Thomas Jefferson's "wall of separation" metaphor in defense. FTP, name this case which determined the constitutionality of prayer in public schools in 1962.

\_Engel v. Vitale\_

13. Bored with school, he quit in 1830 and married Isabella Shawe. As a writer under the pseudonyms of Mr. Michael Angelo Titmarsh, Fitz\_Boodle, and The Fat Contributor, he started The Cornhill Magazine in 1860 and quarreled with Dickens in the "Garrick Club Affair." FTP, name this author, who brought us the novel The History of Henry Esmond and the character Becky Sharp.

William Makepeace \_Thackeray\_

14. Said to be founded by one called Frauenlob, the Tabulatur was long their set of guidelines, though Hans Folz eventually instituted an easing of restrictions. Passing through for grades from Schuler to Dichter, one "graduated" by having the Merkern approve a Bar\_form song he composed himself for competition. Popularized by an 1868 Wagner opera, these are, FTP, what members of German city guilds in the 15th and 16th Centuries, whose teachers

claimed artistic descent from the courtly minnesingers.

\_meistersinger\_s (accept: \_singschulen\_ ; prompt on \_master singers\_ ; do not accept \_minnesinger\_s)

15. This man drew up the edict "Henotikon" with the support of the emperor Zeno in 482. His work was widely accepted in the East, but to Rome and the Western church, it was unacceptable, as the author ignored some of the findings of the Council of Chalcedon. Pope Felix III excommunicated first this man, and later his accomplices. FTP, what Byzantine patriarch was the cause of the first schism between the Eastern and Western Christian church, a schism that was named for him?

\_Acacius\_ (uh\_KAY\_shus)

16. The active ingredient in this concoction is the chemical cantharidin. In the beetles of Family Meloidae who produce it, it is a defensive chemical. However, if consumed by humans, it causes an irritation in the urinary tract as it is being excreted, leading to an altogether different sensation. FTP, give the common name for this substance, also the common name of the European insect that produces the major component of this aphrodesiac.

\_Spanish Fly\_

17. This American actress was born in Tokyo on July 1, 1916. While she had a long\_running feud with sister Joan Fontaine, and won Oscars for Best Actress in The Heiress and in To Each his Own, she is probably best known for playing Melanie in 1939, a role that won her a Best Supporting Actress nomination, though she lost to co\_star Hattie McDaniel. FTP, name the sole surviving principle cast member of the Best Film of 1939, Gone With the Wind.

Olivia \_de Havilland\_

18. The seat of Dallas County, it originally called Moore's Bluff or Landing, but was renamed after its incorporation from the title of an Ossian poem. The era of mayor Joe Smitherman, in office since the 1950s, has seen many changes, but it was the beating death of James Reeb, a Boston Unitarian, that led to its most famous event. FTP, from what southern Alabama city did thousands, demanding racial equality, march 50 miles to Montgomery?

\_Selma\_, Alabama

19. Mnesilochus disguises himself as a woman in order to help defend his son\_in\_law against the charges of the title characters. The manner in which Mnesilochus is detected by those characters and the various attempts made by his son\_in\_law, Euripides, to help him makes this play highly comedic. FTP, name this play about the titular gathering of Athenian women to celebrate the Eleusinian mysteries, a play by Aristophanes.

\_Thesmophoriazusae\_ or The \_Women at the Festival of Demeter\_ or \_Women at the Thesmophoria\_

20. It is surrounded by Mounts Townsend, Twynam, North Ramshead, and Carruthers, all of which exceed 7,000 feet. Along with these peaks, its melting snows feed others rivers and reservoirs that constitute the Snowy Mountains Hydroelectric Scheme. Located near the Pilot, source of the Murray River, this is, FTP, what mountain, named after a Polish patriot, the highest peak in Australia.

Mount \_Kosciusko\_

21. Nicknamed "Lackland" by his father, he was given lordship of Ireland in and the earldom of Gloucester instead of land. He tried to take control of England when his brother was imprisoned in Germany but in the end was banished. Only after his nephew Arthur was turned over to Philip II of France did his brother Richard recognize him as heir. FTP, name this youngest son of Henry II, a man who, as king, was forced by Pope Innocent III to accept Stephen Langton as Archbishop of Canterbury.

\_John\_ of England (accept: \_John I\_)

22. Recited in the Esaglia during every new year festival, this poem tells the story of its central character's rise to

become the god of 50 names. It also relates Apsu's death at the hands of Ea, and how Apsu's widow remarries and starts a war. The sky god Anu tries to subdue, but only the central character was powerful enough to overcome her. Dating from the time of Nebuchadrezzar I, this is, FTP, what Mesopotamian creation myth, featuring the struggles of Marduk?

\_Enuma elish\_ or \_When on high\_

=====END=====

23. Be careful when handling these animals they are common carriers of leprosy! This creature belongs to the Order Xenarthra (zen\_ ARTH\_ruh) and the Family Dasypodidae (das\_ih\_PAH\_dih\_day). Unique among mammals, all of its offspring are born as identical quadruplets. It will also not live where there is not diggable soil. FTP, name this creature, species Dasypus, whose nine\_banded kind is often found dead on the roads of Texas, where it is the state animal.

\_Armadillo\_

24. Its origin is often credited to sage\_queen Lei\_zu, who formalized the practices of sericulture. It had spread through Asia by the 1<sup>st</sup> Century BCE, but it wasn't until 550 AD that Justinian I bribed two Persian monks to bring back in their staffs the means of production, leading to most of Europe being introduced to this material. FTP, name this animal-produced fabric, originating in China, that was the source of so much caravan traffic that it had a trade route named after it.

\_silk\_

25. In 1997, this state's electric chair became a center of controversy after flames burst from the head of convict Pedro Medina. Last month, it had 13-year-old Lionel Tate convicted of first degree murder. Joe Carollo survived a voting scandal to become mayor of one of its largest cities. Clearly, Attorney General Bob Butterworth has a lot to be concerned about besides recent high-profile legal battles. FTP, name this state, containing Duval, Seminole and Broward counties.

\_Florida\_

26. If this title had existed before 1977, both John C. Calhoun and Andrew Johnson would have been recipients. The title was created in response to Herbert H. Humphrey winning a U.S. Senate seat in 1970. It is bestowed upon a senator who was a former president or vice\_president. FTP, name this superfluous title, similar to the title of the fourth person in line of the succession to the presidency.

\_Deputy President Pro Tempore\_ (prompt on \_President Pro Tempore\_)

27. Now that it is established, scientists believe that it has been over\_wintering in Culex pipiens and the common house sparrow. First noticed because of its toll on the crow population, it was originally thought to be the St. Louis variety. It affected 69 people – killing seven – during its first appearance in 1999, despite heavy spraying. FTP, name this newly-introduced type of mosquito-borne encephalitis that showed up in New York City, far removed from the African region for which it is named.

\_West Nile\_ Virus or Fever or Encephalitis

28. This artist was heavily influenced by the Precisionist painters Charles Sheeler, and Charles Demuth, but became distinguished by an ability to invest biomorphic forms with a life of their own. A teacher in southern colleges from 1912 to 1916, who lived for a time in the southwest, this artist's big break came when Alfred Stieglitz discovered and promoted her drawings. He also took a notable series of photographs of her. FTP, name this American artist who is best\_known for her perspective\_less southwest landscapes such as Cow's Skull, Red, White and Blue.

\_Georgia O'Keeffe\_

29. Its most famous Editor\_in\_Chief took his job's tradition of long lunch hours to the extreme, as the plaque on his desk refers to him as "Missing, Presumed Fed." The new restaurant critic strikes most people as rather eccentric, and has a penchant for going to college fraternity parties and laughing at the astrophysics majors. The book itself is actually just a small electronic console with the words "Don't Panic" on the cover in big, friendly letters. FTP, name this handbook, which annually outsells the far inferior Encyclopedia Galactica.

The \_Hitchhiker's Guide to the Galaxy\_

30. Written under the pseudonym Alcofribas Nasier, it features the character Panurge, who attends the University of Paris. Throughout this five story saga, the protagonist goes on a journey from Paris to the Fountain of Youth in Cathay for answers to life's meaning. At Cathay, the only answer he receives is the word "Drink!" FTP, name this collection of stories named after a father and son pair by François Rabelais.

\_Gargantua and Pantagruel\_

31. Aimé Césaire's version of this play transfers it to the Caribbean, and turns the two principal servants into mulatto slaves to discuss racism. Whether the main character still inherits his powers from the Sycorax is unknown, though the rest of the cast Adrian, Francisco, Trinculo, Alonso and Ferdinand, among others remain essentially the same. FTP, name this Shakespearean island play, featuring Miranda and her father, the exiled Duke of Milan, Prospero.

The \_Tempest\_

32. This team couldn't even stay in their first league for a full year, forfeiting their franchise in the American Football League in 1960. It joined the NFL later that year. Despite such unpleasant beginnings, only the Dallas Cowboys have had more playoff appearances in their franchise history, and the team managed to win berths in Super Bowls IV, VIII, IX, XI. For ten points, name this NFL team, which has featured such stars as Chuck Foreman, Fran Tarkenton, and Randall Cunningham.

\_Minnesota\_ or the \_Vikings\_

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BONUSES

1. 30\_20\_10. Name that dude.

(30) His golden coffin was housed in a rolling silver temple, pulled by 64 mules until it reached its final resting place.

(20) Upon his return home from a massive campaign, he held a mass wedding where 10,000 of his soldiers married their Asian concubines, while he married the Persian princess Barsine.

(10) This man named a city after his horse, Beucephalis, then named a city in present-day Egypt after himself.

\_Alexander the Great\_ or \_Alexander III\_ or \_Alexander of Macedonia\_

2. We all know the motto of the Aztec Empire was "Open up your heart and let the sun shine in." For 15 points each (F15PE), name the Aztec god based on the ritual used to honor them.

(15) The sacrificial victims would be killed by removing their hearts, then the bodies would be flayed. These flayed skins would then be dyed yellow and worn by the priests until they rotted off, signifying the return of spring.

\_Xipe Totec\_ (ZEE-pay TOE-tec) or \_Our Lord Flayed One\_

(15) During the fifth ritual month, the priests would select a young, handsome war prisoner. For one year he would live in luxury, impersonating the god with the assistance of four beautiful women dressed as goddesses. On the feast day the prisoner would walk up the pyramid, breaking flutes that he had played. Once at the top, his heart was cut out with an obsidian knife.

\_Tezcatlipoca\_ or \_Smoking Mirror\_

3. Ticker tape time! Given a symbol on the New York Stock Exchange, name the company it represents, FTPE.

(10) T

\_AT&T\_

(10) MSFT

\_Microsoft\_ Corporation

(10) BA

\_Boeing\_ Company

4. Most of us ended up reading The Chronicles of Narnia in elementary school. But very few read another series of novels about an English linguist named Ransom who travels to Mars and Venus and gets involved in a cosmic struggle between good and evil in the solar system. FTPE, name the three novels in the Ransom science fiction series by C. S. Lewis.

\_Out of the Silent Planet\_

\_Perelandra\_



\_That Hideous Strength\_

5. Order Diptera is your friend. Their diseases, however, are not. Answer the following, for the stated number of points (FTSNP).

(5,5) For 5 points each (FFPE): Give the common names of the animals that make up the majority of the Order Diptera

\_fly\_ and \_mosquito\_ (accept plural)

(10) A nematode transmitted by flies in Africa and Asia causes this disease whose symptoms include grotesque swelling of the lower limbs

\_lymphatic filariasis\_ or \_elephantiasis\_ (do not accept: \_elephantitis\_, which is the actual swelling symptom)

(10) Transmitted by black flies along rapidly flowing rivers, this disease is the major blockage in the development of many of Africa's river sides for farming. Caused by the migration of the nematode *Onchoecra volvulus* (on\_COE\_ser\_kha vole\_VIEW\_lus) in the victim's body, it usually results in blindness, then death.

\_River Blindness\_ or \_Onchocerciasis\_

6. Answer these questions about Eastern or Middle Eastern religious and philosophical texts, FTPE.

(10) This text displays 64 symbolic hexagrams, which can be composed using combinations of eight basic trigrams that were supposedly found on the back of a tortoise by legendary emperor Fu Hsi.

the \_I (Yi) Ching\_ or \_Yi Jing\_ or \_Book (or Classic) of Changes\_

(10) Named for its fourth century B.C. author, this book declares that when a ruler no longer practice benevolence and righteousness, his mandate from Heaven to rule is invalidated.

\_Mencius\_ or \_Meng-Tzu\_ or \_Mengzi\_

(10) This is the sacred text of Zoroastrianism.

the zend \_avesta\_

7. When badly played they can sound like a goose being run over, when played professionally they sound a bit better. FTPE, name these double\_reed instruments from descriptions.

(10) Developed by court musicians Jean Hotteterre and Michel Danican Philidor, and named from the French word hautbois (hawt-BWAH), this most common double-reed instrument has a range of two-and-a-half octaves above B-flat below middle C..

\_oboe\_

(10) The principle tenor and bass instrument of the orchestral woodwind family, it features finger holes that have been described as "scientifically irrational." The conical bore in this instruments leads from the curved metal crook, into which the double reed is placed.

\_bassoon\_

(10) It also has a curved metal crook, and wooden bell. Perfected in 1904 by the person after whom it is named, it was first used by Richard Strauss in his operas Salome and Elektra. The desired sound should blend the qualities of

an alphorn and an oboe.

\_heckelphone\_ or \_heckelphon\_

8. Okay, you can recite the Lumberjack Song by heart, you know all the terminologies of dead parrots, and you're a direct relative of Michael Ellis. Well then, you should have no trouble naming, for five points apiece, the six principal members of the Monty Python comedy team. Don't be a smart guy and say Neil Innes, Carol Cleveland, Connie Booth, or Ian Davidson. I'm talking about the other six who stayed on through the whole series. You have 10 seconds.

Graham \_Chapman\_  
John \_Cleese\_  
Terry \_Gilliam\_  
Eric \_Idle\_  
Terry \_Jones\_  
Michael \_Palin\_

9. Answer the following about a 20th Century American novel, FTPE.

(10) Name this novel, first published in 1959, that contained stories about such entities as Islam Incorporated, Hassan's Rumpus Room, and the Talking Asshole.

\_Naked Lunch\_

(10) Who wrote Naked Lunch.

William S. \_Burroughs\_

(10) Identify the fictional setting of Naked Lunch, described as "one huge beehive of commerce, sex, addiction, political manipulation, and rivalry."

\_Interzone\_

10. The human body contains many wonderful chemicals, see if you can name a few, FTPE.

(10) These fat soluble compounds make\_up the cell membrane and aid in enzymatic functions. Examples of them would be lecithin and cephalin.

\_lipids\_

(10) This class of chemicals consist of a glycol alcohol and three fatty acids, not all of which have to be identical. These would include triolein and palmitodiolein.

\_triglycerides\_

(10) This lipid material is secreted by Schwann cells. It acts as an insulator for the nervous system.

\_myelin\_ (accept: \_myelin sheath\_)

11. Name the philosophical -isms, FTPE.

(10) This is the practice of selecting doctrines from different systems of thought without adopting the whole parent



system for each doctrine, leaving the contradictions between the parent systems unresolved. Cicero and Victor Cousin were involved with this -ism..

\_eclecticism\_

(10) This \_ism may hold that reality exists essentially as spirit or consciousness, or that abstractions and laws are more fundamental in reality than sensory things. Schopenhauer and George Berkeley are associated with this -ism.

\_idealism\_

(10) This \_ism is the attitude that beliefs are to be accepted and acted upon only if they first have been confirmed by actual experience. Francis Bacon and John Locke fall under this heading.

\_empiricism\_

12. We all go to the library, but how often do we pay attention to the Dewey Decimal System? Given a listing, name the subject that goes there, FTPE.

(10) 500\_599

\_Pure Sciences\_

(10) 700\_799

\_Fine Arts\_

(10) 300\_399

\_Social Sciences\_

13. Answer the following questions about the U.S. Civil War, FTPE.

(10) What was the bloodiest one\_day battle of the war, which occurred on Sept. 17, 1862 in Maryland?

\_Antietam\_ (accept \_Sharpsburg\_)

(10) Who was the Vice President of the Confederacy, who later became a governor of Georgia?

Alexander Hamilton \_Stephens\_

(10) In what month and year did the battle of Vicksburg occur?

\_July 1863\_

14. FFPE, name the six Mexican states that border the U.S.

\_Baja California\_ (do NOT accept Baja California Norte)

\_Sonora\_

\_Nuevo León\_

\_Tamaulipas\_ (TAH\_maw\_LEE\_pas)

\_Chihuahua\_

\_Coahuila\_ (COE\_ah\_HWEE\_lah)

15. Name these women who are famous for their work in astronomy, FTPE.

(10) When Hewish and Ryle won the Nobel Prize in 1974, many wondered why she did not share in the prize. Name the woman who is now credited with discovering pulsars.

Jocelyn \_Bell\_

(10) She was an assistant of Edward Pickering at Harvard when she discovered the relationship between period and luminosity in Cepheid variable stars.

Henrietta Swan \_Leavitt\_

(10) She also worked for Pickering, and rearranged the spectral sequence of stars into the temperature scale we have today. A prize in her name honors distinguished contributions to astronomy by a woman. Name this woman, whose name in part describes what a percussionist playing the "1812 Overture" does when he comes in early.

Annie Jump \_Cannon\_

16. Time to see if all those late night ESPN Classic marathons will finally come in handy. FTPE, name the team with which each baseball star spent the majority of his career in the stated league.

(10) Ty Cobb in the American League.

\_Detroit\_ or the \_Tigers\_

(10) Honus Wagner in the National League

\_Pittsburgh\_ or the \_Pirates\_

(10) Jackie Robinson in the Negro League.

\_Kansas City\_ or the \_Monarchs\_

17. I've heard questions about food, cooking techniques, and sex positions, but none about handcrafts. FTPE, answer these questions.

(10) This craft was introduced into Ireland in the 1840s as a famine\_relief tactic. It produces intertwined chains of thread with just a hook and a thread.

\_crochet\_

(10) This technique also forms a series of interlocking loops, but for this you need a pair of needles. It's Miss Marple's favorite pastime.

\_knitting\_

(10) This technique requires a shuttle and thread. Known as "occhi" in Italian and "la frivolité" in French, this produces a series of hitch knots (that look like the Greek letter pi) in rings and chains.

\_tattling\_

18. So we have a 50\_50 Senate. With such a delicate balance, you must know all you can about your senators! Given a short description, name the new freshman for 15 points. If you need the state, you receive 10 points.

(15) F15P: This man spent a total of \$60 million to defeat Jim Florio and then Republican Bob Franks. He has no previous political history, although he was president of Goldman Sachs at one time.

FTP: New Jersey

\_Jon Corzine\_

(15) F15P: This senator ran in 1998 against Democrat Harry Reid, but lost by only 428 votes. Seeking revenge, he ran in 2000 and won against Ed Bernstein, a lawyer. His previous political career includes being a US Representative (1995\_1999).

FTP: Nevada

\_John Ensign\_

19. How well do you know your genetics? For ten points each (FTPE), name these terms!

(10) The gene makeup of an organism

\_genotype\_

(10) This occurs when traits in the parent are blended together in the offspring, as when a cross of red and white flowers yields red, white and pink flowers.

\_incomplete dominance\_ (do not accept: \_codominance\_)

(10) The is the proportion of individuals of a given genotype that actually manifest the corresponding phenotype.

\_penetrance\_

20. FTPE, tell me what the key signatures are in these scales.

(10) A minor

\_no sharps or flats\_

(10) B major

\_five sharps\_ (f, c, g, d, a)

(10) F minor

\_four flats\_ (b, e, a, d)

21. Frankie Vallie and the Four Seasons sang songs about a lot of different women. FTPE, identify the women from clues taken from song lyrics.

(10) "Girl, we can't change the places where we were born," they told this woman, adding, "Before you say that you want me...think what the future would be with a poor boy like me."

\_Dawn\_

(10) "Why don't you come out with your red dress on?" they asked this bay-yay-bee. "Come out, mmm, you look so fine... girl, you make me lose my mind."

\_Sherry\_

(10) They spend much of her song pleading to this girl. "Whoa\_ho\_ho here I am on my knees again I'll do anything just to make it right... no matter what people say, it didn't happen that way. She was a passing fling and not a permanent thing."

\_Marianne\_

22. Answer these questions about the Spanish Civil War FTSNP.

(10) FTP: What short\_lived Spanish government ended in the Spanish Civil War?

The \_Second Republic\_

(5,5) FFPE: what were the sides called?

\_Nationalist\_s and \_Republican\_s

(10) This term, supposedly coined by Emilio Vola Nidal as his troops closed on Madrid, referred to his militant supporters inside the city. It has come to mean any clandestine group of subversive agents who work from the inside.

\_fifth column\_

23. Name these bodies of water, FTPE.

(10) This body of water, lying in the nook between France and the Iberian Peninsula..

\_Bay of Biscay\_

(10) This strait joins the Andaman Sea and the South China Sea. It separates Mayasia and Singapore from the island of Sumatra, Indonesia.

\_Strait of Malacca\_

(10) This gulf enters at the Straits of Tiran. Also, it drives a cleft between Sinai, Egypt and Saudi Arabia, Jordan and Israel. It is one of the two inlets of the Red Sea.

\_Gulf of Aqaba\_ (do not accept: \_Gulf of Suez\_)

24. Phenomenology isn't just for philosophers. FTPE, name from description these fields of physics studied by \*real\* phenomenologists.

(10) Though John Updike described these particles with the lines "[they are] very small. / They have no charge and have no mass / and do not interact at all," they were shown by Super\_K in Japan to oscillate, implying that they do have mass.

\_neutrino\_s [note: never trust a poet/author about the facts of physics]

(10) This theory is tied in with the study of extra dimensions. In it, matter is made of these one-dimensional rips in space. They can be open or closed.

\_string\_ or \_superstring\_ theory

(10) This is the theory, unproven in its entirety, that unifies the fundamental forces by, in part, giving every boson a fermionic partner and vice-versa, such as the photino for the photon.

\_supersymmetry\_

25. "The system is as corrupt as we are," said Donald Newbury before surrendering. The "Texas seven," who escaped from prison in December, 2000, were an interesting crew, traveling over one thousand miles before being apprehended. Answer the following questions about them, FTPE.

(10) From what prison unit did they escape, named after a Texas governor who was wounded during the assassination of John F. Kennedy?

John \_Connally\_ Unit (South Texas State Prison System)

(10) In what Dallas suburb did the seven kill police officer Aubrey Hawkins on Dec. 24, 2000, because he attempted to stop their looting of a munitions store?

\_Irving\_, Texas

(10) When five of the seven were apprehended in Woodland Park, Colorado over a month later, which Texan killed himself?

Larry \_Harper\_

26. 5\_10\_15, identify the following from Joseph Heller's Catch 22.

(5) FFP: The war being fought during the events of the novel.

\_World War Two\_ or \_WWII\_ (accept equivalents)

(10) FTP: The main character, whose holds a deep belief that everyone around him is crazy.

\_Yossarian\_

(15) F15P: The doctor who shows Yossarian the incredible simplicity of Catch\_22, and why it prevents him from being pulled from combat duty.

\_Doc Daneeka\_

27. Six geese a\_laying is a... gaggle! Given an animal, provide the name for a group of them, FTPE.

(10) Turkey

\_Rafter\_ or \_raft\_

(10) Hounds

\_Cry\_ or \_pack\_ or \_mute\_

(10) Larks

\_Exaltation\_ or \_ascension\_

28. Late 2000 was a happenin' time for a certain world leader; answer questions about his activities FTPE.

(10) In November, he became the subject of a comic appearing in The Little Paper, an illustrated magazine for young Italian people that is published by the publisher of Famiglia (fah-MEE-lee-ah) Christiana. FTP, name this comic's hero, a native Pole who loves skiing, acting, and soccer.

Pope \_John Paul II\_ (accept: Karol \_Wojtyla\_ or \_Johannes Paules II\_) [The comic is "Karol Wojtyla: Pope of the Third Millennium."]

(10) What Chicago\_founded basketball team made the Pope an honorary member in November, although you'll never see him go up for two against the Opposition?

The \_Harlem Globetrotters\_

And finally, not all is fun and games, not even for the pope. The Pope caused an uproar when he agreed to meet with a controversial national leader. What far\_right Austrian leader visited the Pope at the Vatican and provided a Christmas tree for Vatican Square, sparking riots because he is a Nazi sympathizer?

Joerg \_Haider\_

29. Nine months of pain for three minutes of pleasure! Fortunately, some animals have shorter gestation periods than a human. Given an animal, give any number of days within the range of its average gestation period, FTPE.

(10) Horse

\_327\_346\_ days

(10) Pig

\_100\_132\_ days

(10) Rabbit

\_29\_36\_ days