

15th Annual Elvis Aaron Presley Memorial Quiz Tournament
University of Wisconsin - Madison, February 1-2, 2002
Round 5 Toss-Ups

1.) This plant appears in a poem containing these lines, dating from 1567-1085 BCE:
"Looking at my reflection in the still pool - / My arms full of flowers," first translated into Italian by Boris de Rachewiltz and then into English by Ezra Pound and Noel Stock. The poem takes place in Mertu and is written by a woman who says: "I feel as if I belong to the Pharaoh." FTP, name the flowers held by the speaker, from which Egyptian myth says Amun-Ra was born.

Answer: **Lotus**

2.) A son of nine mothers, in the poem Ríghnula he is Rígr the father of mankind via three different women. The whitest skinned of the gods, he has golden teeth and his senses are so keen that he can hear the grass grow and see 100 leagues. Sleeping lighter than a bird, he is the eternal enemy of Loki and at Ragnarok they fight each other to the death. FTP, name this Norse deity, owner of Gjallerhorn (GYAHL-er-horn) and guardian of Bifrost the rainbow bridge.

Answer: **Heimdall**

3.) This term from nuclear physics is a measurement assigned to an interaction between a nuclear particle or atomic nucleus with an incident beam of radiation. It is subdivided into two parts - the "elastic" part accounts for all the scattering of the incident beam involving no loss of energy, while the "inelastic" part accounts for all other interactions. Its name derives from the fact that since nuclear forces act over distance, the target particle appears to the beam to have a spatial extension. FTP, name the measurement of this apparent spatial extent, which has the dimensions of area.

Answer: **Cross section**

4.) One sign of this was a document written by Ludvík Vaculík and published in the *Literary Gazette* known as the "Two Thousand Words." Its calls for greater reform led to an ineffective conference in August at Čierna nad Tisou aimed at curbing the trends which had begun when old guard figures such as Antonín Novotný were forced from office and replaced with reformers such as Oldřich Černík in a government led by Alexander Dubček (doob-check). This government proposed an Action Program supporting greater democracy and Slovak autonomy. FTP, name this anticommunist reform movement in 1968 in Czechoslovakia.

Answer: **Prague Spring**

5.) Developed over a period of about 50 years, this long Romantic poem was designed as a mere beginning to the poetic exploration of its author's mind, beginning with a section on the author's childhood and school-days, moving through his time at Cambridge, and into his adult life. Sections of it include: "Books," "Residence in London," "Retrospect, Love of Nature leading to Love of Man," and "Imagination and Taste, how impaired and restored." The author of this poem also penned "A slumber did my spirit seal" and "Lines Written in Early Spring." FTP, name this long, epic-like poem, by William Wordsworth.

Answer: The **Prelude** or **Growth of a Poet's Mind**

6.) Hyakugojyuuichi! (hee-yakoo-go-jeeyuu-ee-chee) All Your Base. Flowers, anchors, crosses, and kanji. The Tourist of Death. Radiskull. Sketchy guys in trenchcoats. Animation. Tattoo clip art. Photography. All of these are associated with what word, denoting a brief period of light or, FTP, a software package from Macromedia?

Answer: **Flash**

7.) It was designed for department store magnate Edgar J. Kaufmann. Completed in 1936, like many of its creator's works, its roof leaks and its structure has needed significant stabilization in the past ten years, including recent work which incorporated suggestions of the original builders ignored by the architect. FTP, name this house, built over Bear Run Creek near Mill Run, Pennsylvania, the most famous residence designed by Frank Lloyd Wright.

Answer: **Fallingwater**

8.) This problem was first proposed by Francis Guthrie in 1852, and after the first few failed attempts at its solution, became established as a celebrated mathematical conjecture. The closest attempt at a proof was by Kempe, and its flaws were not discovered until eleven years later. The conjecture was eventually proved in 1976 by Appel (UP-PEL) and Haken. Name this famous conjecture whose origins lie in cartography.

Answer: The **Four Color** Problem, **Map-Coloring** Problem (accept equivalents)

9.) The first two cards are dealt face down, followed by the third, face up, and the first bidding round. Whenever a four is dealt face up, that player gets a free card face down. However, if a three is dealt face up, the player must match the pot or fold on the spot. Face up and down cards alternate until each player has nine cards. Threes and nines are wild in, FTP, this popular variant of stud poker based on a sport in which the numbers 3,4, and 9 feature prominently.

Answer: **Baseball** Poker

10.) The name's the same. The French city in the state of Roussillon (roosyohn) is 8 miles west of Carcassonne, and just a 40 mile drive east from Toulouse. Twenty-six miles of the American river, which flows near a small town of the same name, form the northern end of the border between Wisconsin and Michigan. It is also the name of the largest island of the Hochelaga Archipelago, the highest point of which rises 660 feet above the shoreline. FTP, give this name, also the largest city in Quebec.

Answer: **Montreal**

11.) This man left Columbia University for the merchant marine after a leg injury forced him to quit football. In 1998, avant-garde director Joanne Akalaitis (ak-ah-LYE-tis) created a biographical performance centered around this figure titled: "Ti Jean (TEA ZHAN) Blues." Among his novels are an autobiographical novel of his childhood in Lowell, Massachusetts called *The Town and the City* and the posthumously published *Visions of Cody* and . FTP, name this Beat poet, the author of *On the Road*.

Answer: Jack **Kerouac**

12.) They crossed the rivers Kephisos and Illisos, and were destroyed for the final time by Sulla in 86 BCE. Earlier they had been rebuilt by Conon after the Spartans destroyed them to

the music of flute girls. Thier construction is ascribed variously to both Themistocles and Pericles, and they ran parallel to each other, creating a corridor 550 feet wide to the base of the hill of Munychia. FTP, name these defensive structures connecting Athens to its port city of Piraeus.

Answer: Long Walls or Makra Teiche

13.) Because gas molecules are attracted to each other, any time they separate, they lose kinetic energy. Thus, if a gas expands rapidly, it undergoes rapid cooling. This effect, studied by Lord Kelvin, allows for cooling of gases to lower temperatures than possible with solid CO₂. FTP, name this effect, named after its two discoverers.

Answer: Joule-Thompson Effect

14.) He got his start as a teenager in 1958 as part of the Teddy Bears, a group of one-hit wonders who hit number one with "To Know Him is to Love Him." However, his first love was producing, and he had more than 20 hits and was a millionaire by the age of 21. His records opened pop music to new possibilities in instrumentation and narrative, but he fell off dramatically after the failure of "River Deep-Mountain High." He worked on the Beatles' "Let It Be," but is rarely seen today. FTP, name this producer, probably the first person whose music was described with the phrase "Wall of Sound."

Answer: Phil Spector

15.) At age 11 he moved from Dunbar, Scotland, to a farm near Portage, Wisconsin where he performed back-breaking manual labor daily, something he claimed helped prepare him for his later wanderings. After almost losing his eye in an industrial accident, he walked to the Gulf of Mexico. He later visited Yosemite, and was the first to theorize that its formations were the result of glacial activity. Today a monument is named for him in Marin County, California. FTP, name this conservationist, natural philosopher, and author of *Our National Parks*, the Father of the National Park System.

Answer: John Muir

16.) He claims his last name would have been de Sousa except that the Registrar added his family's nickname. Along with his discovery that his brother's death had gone unrecorded, this may have been an influence a work he published in 1997. He has suffered much political abuse, joining the communist party in 1969 and having his *The Gospel According to Jesus Christ* temporarily excluded from a literary competition for being offensive to Catholics. His novels *Blindness* and *All the Names* form a thematic trilogy with his most recent offering, *The Cave*. FTP, name this Portuguese winner of the 1998 Nobel Prize.

Answer: Jose de Sousa Saramago

17.) Covering roughly twenty thousand square meters on the Kephala hill, visitors passed through a "customs house" before entering the central court. To the west lay the Throne room, decorated with red frescoed walls painted with griffins and illuminated by one of many light wells or lustral basins. Just outside the throne room was the tripartite shrine which was probably dedicated to aspects of the ruling goddess, figures of whom have been found clenching snakes. Across the courtyard was the Room of the Double Axes or *Labyrins* (LAB-eer-ins). FTP, name this palatial site, whose twisting narrow passages may have given rise to the idea that it was a maze.

Answer: **Knossos** (prompt on Labyrinth)

writer's note: the *Labyrins* is the origin of the word *Labyrinth*, which simply meant 'place of the double axe'

18.) This protein owes its unique properties not just to its chemical composition but also to its helical geometry. The basic polypeptide chain forms a left-handed helix, but three such helices are wrapped around each other to form a right-handed super helix. On boiling in water, it produces gelatin. FTP, name this most abundant protein to occur in the animal kingdom that is the major fibrous component of skin, tendon, ligament and bone.

Answer: **Collagen**

19.) Its first order of business ever was setting a minimum price for the sale of tobacco. Initially it was forced to meet in a church choir as that was the only building big enough to hold all 22 of its members from 11 different plantations. George Washington, Patrick Henry, and Thomas Jefferson have been among its members. Dissolved in 1774 and formed in 1619 by Governor George Yeardly, this is FTP what Virginia legislative body, the first popularly elected in the New World.

Answer: Virginia **House of Burgesses**

20.) After graduating from Yale a campus celebrity, he enrolled at Harvard Law School, but dropped out shortly thereafter. His first effort, 1916's *See America First*, was a complete flop. For years he claimed to have fought in the French Foreign Legion in World War I, despite never having done so. His falsified military heroism was included in the 1945 biopic *Night and Day*, but his many gay love affairs were left out. For ten points, name this composer and lyricist of *Anything Goes* and *Kiss Me, Kate*.

Answer: Cole **Porter**

21.) This is caused by a low pressure center meeting an arctic high pressure system in order to generate their characteristic winds. Causing ice, snow, wind, rain, and flood damage, two of these were ranked in the top five worst storms of the 1990s. These storms are among the longest lasting and largest of all storms. FTP, name the storms that plague the Atlantic Coast of the US every October to April, named for the direction of wind they generate.

Answer: **Nor'easter** (accept NorthEaster)

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Round 5 Bonuses

1.) Given an ore, name the principal metal extracted from it FTSP.

A.. For 5: Bauxite

Answer: **aluminum**

B. For 10: Galena

Answer: **Lead**

C. For 15: Cassiterite

Answer: **Tin**

2.) Given a description, identify these alternative-voting systems from descriptions, FTPE.

A. Voters rank as many candidates as they like. If there is not a majority winner, the candidate in last place has all his votes redistributed to those voters' second choice. The process continues if need be and can also be used to redistribute excess votes of a landslide victor in multiple-seat elections.

Answer: **Single Transferable** or **Choice** voting

B. Voters are presented with a list of parties, and candidates within each party. They vote for a specific candidate but their vote also counts toward the candidate's party. The party's representation is based on votes for each party while the candidate to fill the seats is based on the candidate's popularity within her party.

Answer: Open **Party List** voting

C. A type of semiproportional voting, voters are given as many votes as there are open positions. They may distribute their votes amongst candidates in any way they see fit (including multiple votes for the same candidate).

Answer: **Cumulative** voting

3.) Hwaet! (hwat) We have heard of the might of the Gar-Danes in days gone by, so answer these questions on *Beowulf* FTPE:

A. Leader of the Danes, Beowulf comes to his aid when Grendel attacks his hall.

Answer: **Hrothgar**

B. A foundling, he starts the line of the Danes. The first person mentioned in the poem, he is praised in the statement "thaet waes god cyning." (that was gohd koon-ing)

Answer: **Scyld Sheafing** (accept **Shield Sheafson**)

C. He is the only man who doesn't desert Beowulf when he fights the dragon, and Beowulf tries to name him his successor. Too bad this man's father killed Eanmund, a Swede. His name is roughly translated as "war-remnant."

Answer: **Wiglaf**

4.) Name the following about Saudi Arabia, for 10 points each.

A. The northwest corner of the country borders this arm of the Red Sea

Answer: **Gulf of Aqaba**

B. The southern part of the country consists of this vast portion of the Arabian Desert.

Answer: The **Empty Quarter**, ar-**Rub al-Khali**

C. This region of the country, formerly a kingdom ruled by the Hashemites, contains the Holy Cities of Mecca and Medina.

Answer: **Hejaz**

5.) Conjoin these literary people and works with these cell organelles, FTPE. For instance, if I say "An Elmore Leonard bank-robber novel PLUS the gooey, liquid substance that holds everything outside the nucleus", you'd say, "Out of Cytoplasm."

A. The work containing creepy Mr. Antolini, hair-stroker extraordinaire, PLUS the site of mRNA translation, a globular structure of RNA and protein.

Answer: **Catcher in the Ribosome**

B. The author of "Dead Souls" PLUS the director of protein 'traffic' in the cell.

Answer: Nikolay **Gogolgi apparatus** (or complex or body)

C. The 1910 work in which the character Margaret Schlegel urges to "only connect" PLUS the "rough" or "smooth" membranous vesicles where protein synthesis occurs.

Answer: **Howard's Endoplasmic Reticulum**

6.) There's more to Ireland than shamrocks, Guinness, and Lucky Charms. FTPE, name the Irish play from clues. You'll get five points if you need the author.

A. For 10. This play's main characters are Vladimir and Estragon, and it also includes Pozzo and a servant named Lucky whom he forces to "think" as a trick. At the end, Vladimir and Estragon are still performing the title action. It was actually written in France.
For 5: Samuel Beckett

Answer: **Waiting for Godot** or **En attendant Godot**

B. For 10. This short play is based off the author's journey to the Aran Islands, a group of three islands off the coast of County Clare whose inhabitants still maintain a traditional way of life. The play narrates the death of several young men from the same family.

For 5. J. M. Synge

Answer: **Riders to the Sea**

C. For 10. This play was eventually turned into a film with Meryl Streep as one of the major characters. Set in a small Irish home, a young man named Michael narrates the play, which is about a period in his childhood in which a small radio and four sisters figure prominently.

For 5. Brian Friel

Answer: **Dancing at Lughnasa**

7.) Name the following about Nazi anti-Semitism, for 10 points each.

A. These two September 1935 acts stripped Jews of their German citizenship.

Answer: **Nurnberg** Laws

B. This is the name given to the night of November 9-10, 1938, when Jews became the targets of Nazi violence throughout Germany

Answer: **Kristallnacht** or **Night of the Smashed Glass** or **Night of Broken Glass**

C. It was at this 1942 meeting that Nazi leaders decided on their "final solution" to the "Jewish question."

Answer: **Wannsee** Conference

8.) Name these parts of the brain, FTP each:

A. The lowest portion of the brain, it is the part of the brain stem which connects to the spinal cord.

Answer: **Medulla Oblongata**

B. This is the deeply embedded mass of white nerve fibers which connect the two halves of the cerebral hemispheres.

Answer: **Corpus Callosum**

C. This is the collective name for the dura mater, arachnoid, and pia mater, the three membranes which envelop the brain and the spinal cord.

Answer: **Meninges**

9.) One of the kidnapers of Patty Hearst was found hiding in a Minnesota suburb in 1999 and has been charged with conspiracy to commit murder. FTSNOP,

A. For 5: Name her.

Answer: Sara Jane Olson

B. For 5: Name the organization that she was part of in 1975 when the crimes were committed.

Answer: Symbionese Liberation Army

C. For 10: Name the Los Angeles judge who refused to accept Olson's withdrawal of her guilty plea.

Answer: Larry Paul Fidler

D. For 10: Who is the last remaining SLA fugitive, a man of whom no confirmed sighting has been had since 1976?

Answer: James William Kilgore

10.) It has been argued, to public derision, that there should be more questions about theater lighting in quiz bowl. FTPE, name these types of theatre lighting instruments from clues.

A. This type of instrument is named for its lens, which is made up of concentric ridges.

Answer: fresnel [fruh-NELL]

B. This type of instrument comes in various varieties: 6-by-12, 6-by-16, and others. One well-known brand is the Source Four. This is one of the few types of instruments in which one can use a "pattern" or "gobo".

Answer: Ellipsoidal Reflector Spotlight or leko

C. This type of instrument has no lens. Its diffusion pattern depends on the glass cover on the lamp inside. In its basic form, this type of instrument can be a coffee can with a light bulb inside.

Answer: par can

11.) After watching some notable appearances of Elvis-like characters within musicals, Irving the Incompetent Impersonator incorporates some of their attributes into his act. But of course, he does not realize these are imitators as well, and makes a few slip-ups. Given the slip-up, identify the musical whose Elvish character Irving is imitating, FTP.

A.. Before the concert, Irving hires a group of girls to chant sing "We love you Conrad. Oh yes we do...", an terrifyingly annoying chorus addressed to the title character of this play.

Answer: Bye Bye Birdie

B. Irving then makes his big entrance from the head of a sphinx, dressed like a Pharaoh, and sings a song about 14 cows and 14 ears of corn, a prophecy of Egypt's fate from this musical.

Answer: Joseph and the Amazing Technicolor Dreamcoat

C. Finally, at the end of his performance, Irving crows like a rooster in imitation of Chanticleer, the Don Bluth animated protagonist of this 1991 cartoon. Just like the movie, Irving's confused performance left his audience sick and mad.

Answer: Rock-A-Doodle

12.) Answer the following about an Indian epic poem, FTPE.

A. A major portion of this story of an avatar of Vishnu tells of how he wins back his wife Sita from Ravana the demon king. It consists of twenty four thousand stanzas in seven books.

Answer: The Ramayana

B. The poem is often ascribed to this legendary figure, the owner of the hut in which Sita gives birth to Rama's children.

Answer: Valmiki

C. This is the collection of secondary texts of Hinduism which focus on the Trimurti and their incarnations. It is according to these texts that Rama is actually the seventh avatar of Vishnu.

Answer: Puranas

13.) Name the following related to the Tokugawa shogunate, for 10 points each:

A. The Tokugawa replaced this previous dynasty of shoguns.

Answer: Ashikaga

B. This man, advised by William Adams, became the first Tokugawa shogun in 1603.

Answer: Ieyasu (EYE-ay-ah-suu) Tokugawa

C. Ieyasu defeated his rivals at this pivotal 1600 battle.

Answer: Battle of Sekigahara

14.) Name these penalties from the NHL rulebook for the 2001-02 season, FTP each.

A. According to Rule 86, this is stabbing an opponent with the point of a stick blade, regardless of contact.

Answer: spearing

B. Rule 47 defines this as violently checking an opponent after travelling a distance.

Answer: charging

C. In Rule 50, this is defined as a check delivered with both hands on the stick and the extending of arms.

Answer: **cross-checking**

15.) Name the law governing black-body radiation, 15 each.

A. Power emitted per unit area varies with the fourth power of temperature.

Answer: **Stefan-Boltzmann** law

B. The wavelength corresponding to the maximum intensity varies inversely with temperature.

Answer: **Wien's** law

16.) The film *Harry Potter and the Sorcerer's Stone* was released to much fanfare in 2001. Answer the following questions about the story FTPE.

A. In which London street does Harry shop for supplies?

Answer: **Diagon Alley**

B. One of Harry's friends at Hogwarts has the surname Granger. Give her first name.

Answer: **Hermione** (her-MY-uhn-ee)

C. The name of the titular object is different in all non-U.S. releases, requiring all scenes mentioning it to be filmed twice. What is the Sorcerer's Stone known as elsewhere?

Answer: **Philosopher's** Stone

17.) 30-20-10 Identify the American Leader.

30.) His younger brother Olikut actually led the warriors while he guarded the camp. Nevertheless, his leadership earned him the moniker "The Red Napoleon"

20.) His given name was Hin-mah-too-yah-lat-kekt, or Thunder Rolling Down the Mountain. However, he also took the name which Henry Spalding had bestowed upon his father.

10.) Never able to return to his Nez-Perce reservation, he died in 1904 of what the doctor diagnosed as a broken heart.

Answer: Chief **Joseph**

18.) 5-10-15 Name the Hans Christian Anderson tale from details.

A. For 5: A tale about an unfortunate orphan born into the wrong nest, shooed out by the wife, chased by the cat, and laughed at by other waterfowl.

Answer: **The Ugly Duckling**

B. For 10: The story of a poor girl who wanted nothing more than brightly colored footwear that made her dance her feet off.

Answer: **The Red Shoes**

C. For 15: The story of a man lowered into a tree who meets three dogs, each with consecutively bigger eyes, and escapes with a treasure due to the title implement.

Answer: **The Tinder Box**

19.) Answer the following questions about the Biblical version of the Christmas story FTPE.

A. Which book of the Bible contains the story of the wise men from the East?

Answer: **Matthew**

B. According to Matthew, Jesus's life was spared when Herod ordered the death of all young boys in Bethlehem because Joseph fled and took his family to live where?

Answer: **Egypt**

C. One popular theory about the origins of the Wise Men holds that they were Magi, the priests of what religion practiced east of Bethlehem?

Answer: **Zoroastrianism**

20.) 30-20-10 name the quantity.

For 30: It is conserved when the net external force is zero.

For 20: Newton called it "motion."

For 10: Force is the rate change of this.

Answer: **momentum**