

TOSSUPS – SHORTER TALLER**MOON PIE™ CLASSIC 2006 (UTC/Grinnell/Boston U.)**

Questions by Shorter A with Oklahoma, North Greenville U., Maryland, John Kilby, & your genial quizmaster

1. Her fame had apparently already spread before a rebellion led by Pittacus left her exiled; it is said that Syracuse erected a statue of her in honor of her arrival there. She is believed to have had three brothers, but scholars differ on whether she had a child, possibly a daughter named Cleis. Plutarch credited her with developing the Mixolydian mode of music, but of her substantial body of work, not even a fragment longer than seven stanzas has survived intact. FTP name this poetess, presumed to have been born on the isle of Lesbos.

Answer: **SAPPHO**

2. Probably for weather-related reasons, it is commemorated in October, a month before its anniversary, by a memorial run that finishes in downtown Denver and starts northeast of La Junta and Lamar, Colorado. It happened near Fort Lyon, where followers of Black Kettle were waiting for an answer to their offer of peace. FTP, name this historical site in Colorado, where on November 29, 1864, a joint Arapaho and Cheyenne village of mostly women and children was destroyed by seven hundred volunteers under the command of Colonel John Chivington.

Answer: **SAND CREEK MASSACRE** (accept Chivington Massacre before his name is said)

3. (NGU) In 2000, researchers at the University of Helsinki claimed to have created a compound containing this element, but no naturally occurring compounds with it exist. A highly stable element, it is used in light bulbs because it will not react with the filament and is used for welding and cryosurgery. This gas makes up about 1% of the Earth's atmosphere, making it the most common of the noble gases on earth. FTP name this element with atomic number 18.

Answer: **Argon**

4. (MD) In the Paris version of this opera, a ballet was added, Wolfram's solo in Act II was removed, the orchestral introduction to Act III was shortened, and the goddess appears on stage at the end. After the title figure dies asking for forgiveness, it is reported that the staff the pope erected as a token of damnation has sprouted young leaves. Based on two legends about a knight and poet who found the Venusburg and spent a year there worshipping the goddess, and a song contest at Wartburg, identify, FTP, this Wagner opera about the love between Elizabeth and the title German troubadour.

Answer: **Tannhäuser**

5. This Yale University graduate never anticipated a career in show business, but became the star of his own short-lived television show in 1990. He was elected mayor of his hometown in 1992, then elected mayor of Salsiccia, Tuscany several years later. He was forced out of office both times when his constituents learned of his past criminal background. Also known as Robert Underdunk Terwilliger FTP, name this Simpsons character voiced by Kelsey Grammer.

Answer: **SIDESHOW BOB** [accept Terwilliger before it's said]

6. Her father's support for the rebellion of Sir Thomas Wyatt proved her ultimate undoing. She was born in 1537 to Lady Frances Brandon and her husband Henry, the Duke of Suffolk. She had two younger sisters; one, Catherine, would later pose a threat to Elizabeth I. Her claim to the throne was through her grandmother, Mary Tudor, a daughter of Henry VII. FTP, name this not-so-official predecessor to Mary I and successor to Edward VI, generally known as the "Nine-Days Queen."

Answer: **LADY JANE GREY**

7. (OU) It appears in the writings of early Church leaders, including St. Ignatius of Antioch and St. Ambrose of Milan, but it was not officially defined until the Middle Ages by scholastic theologians. It was established as doctrine by the Fourth Lateran Council in 1215, and later reaffirmed by the Council of Trent in the mid-16th Century. FTP, identify this belief that the bread and wine present at the Eucharist are transformed into the flesh and blood of Christ.

Answer: **Transsubstantiation**

8. Because it assumed an incorrect value for the viscosity of air, it yielded a value slightly smaller than the figure accepted today. To perform it, you need two parallel metal plates with a high potential difference between them. By varying the charge, one can find the energy necessary to have the test medium overcome gravity, and finding the least common denominator of the charges of several observations, one can find the charge of an electron. FTP, give the common name of this experiment, first performed by Robert Millikan in 1909.

Answer: **MILLIKAN OIL DROP EXPERIMENT**

9. He has co-starred with Father Christmas, his children, the king, the Succotash Bird, the Wully-Wully, and others. He's been to America, Hollywood, Another Planet, and the Moon. He was born in 1931 in France, but his creator died of tuberculosis in 1937. Thankfully, his creator's son, Laurent (*laur-ehn*) took over his popular business, and has carried his stories to children across the globe. Name, FTP, this popular children's book character created by Cecile and Jean (*jzon*) de Brunhoff (*broon-of*), an orphaned elephant who becomes king of the forest—and is quite the snazzy dresser, wearing an entirely green suit.

Answer: **BABAR THE ELEPHANT**

10. (OU) It is known in Hinduism as Sapta Rishi, or The Seven Sages and it is referred to in Amos 5.8 as “the seven stars”. Its members include Dubhe, Merak, Phecda, Megrez, Alioth, Mizar, and Alkaid. It has historically been associated with Charlemagne and is known in a number of cultures as The Great Cart. In England, it was formerly called Charles’ Wain and is now called the Plough. FTP, what is this common asterism, which consists of the seven brightest stars in the constellation Ursa Major?

Answer: **Big Dipper** (*do not accept Ursa Major*)

11. (OU) Sixteen were originally completed, including seven in marble and nine in bronze. The artist was engrossed by the thought of pure motion in flight and the resulting works eliminate many of the features of the title creature, such as the feathers and wings, while muting others, such as the beak and head. All of the works stand on a small conical base, giving the appearance of the title creature upon take-off. FTP, name this series of sculptures by Constantin Brancusi.

Answer: ***Bird in Space***

12. (OU) There are initially 1001 of these title people, but only 581 survive until their 10th birthday. After the main character is forced to be silent for a day, he learns that he is psychically linked to them, a fact which is later used against them as Indira Gandhi’s government enforces sterilization on the entire group. Three members of the title group are Parvati-the-Witch, Shiva, and Saleem, the protagonist. FTP, name this book by Salman Rushdie, which won the 1981 Booker Prize.

Answer: **Midnight’s Children**

13. (CS) While the original intent of this act was watered down by judicial interpretation, later amendments beefed up its provisions against unfair price cutting and intercorporate stock holdings. A separate act the same year added an enforcement mechanism by creating the Federal Trade Commission. Among its targets were price discrimination as a barrier to competition and interlocking directorates; one key provision in Section 6 exempts agricultural organizations and labor unions. FTP name this 1914 legislative act designed to tighten loopholes in earlier antitrust laws.

Answer: **Clayton Antitrust Act** [prompt on partial answer]

14. (OU) One part is the *Vendidad*, which consists of 22 Fargards, including one with a creation myth and another telling the story of Yima and the Golden Apples. Another section, the *Vispered*, consists of prayers similar to Yashts, but shorter in length. Another part is the *Yasna*, which contains the *Hom Yasht* and the *Gathas*, which are thought to have been composed by Zarathustra. FTP, name this work, the foundational text for the Zoroastrian religion.

Answer: **Zend Avesta**

15. The presence of this anatomical structure provides approximately 90% of the total stability of the joint it supports. Due to its poor blood supply, healing is nearly impossible and surgery is required for repair. It is commonly injured in athletes, often from twisting or a direct impact. Its main function is to limit the forward motion of the tibia in relation to the femur. FTP, name this ligament which crosses the front of the knee.

Answer: **ANTERIOR CRUCIATE LIGAMENT** (prompt on ACL)

16. One of the most prominent (and archeologically feasible) ideas about the siege of this city was that it was overthrown by angry Canaanite peasants. Another idea (based mainly on the book of Judges) suggests a peaceful infiltration over time by Israelites coming down from the hill country. A third theory, based on a literal interpretation of the Bible, has been highly criticized because the archeological record shows no evidence of this being a walled city during this time period. This describes, FTP, what city which the book of Joshua says was conquered by vigorous screaming from an army of Israelites?

Answer: **JERICHO**

17. Born in 1942, this man who began his musical rise to fame playing for the Mar-Keys was inducted into the Rock and Roll Hall of Fame in 2002. Music wasn't his only field; he also appeared in *The A-Team* and *Stargate SG-1* on television, and in the movies as the title role in *Truck Turner*, and recently with a part in *Hustle and Flow*. His biggest musical success, however, was with the soundtrack to *Shaft*, for which he won an Oscar, the first African American composer to do so. FTP, name this man, who in recent years has been most recognizable as the voice of Chef on *South Park* until his recent resignation over the show's lampooning of Scientology.

Answer: ISAAC LEE HAYES

18. (OU) Attempts were made by the Japanese to import Jews from areas controlled by Nazi Germany in order to help populate this region, but few ever arrived. Because the League of Nations failed to recognize its existence, Japan withdrew from the organization in 1934. The last Chinese emperor, Puyi, was placed on the throne, initially as chief executive, but eventually as puppet emperor. FTP, name this short-lived country created in 1932 after Japan's 1931 invasion of China.

Answer: Manchukuo or Great Manchu Empire (do not accept Manchuria)

19. (OU) Instead of rotating homogeneously when rotated, substances in this state rotate about several quantized vortices. Also, substances in this state are capable of lining along the side of any container at a thickness of one atom. Two of the best known examples of this state are the isotopes helium-3 and helium-4. FTP, identify this state of matter in which the substance, which has been cooled to nearly absolute zero, no longer exhibits entropy or viscosity.

Answer: Superfluid or Superfluidity

20. In reviewing this novel, the *Houston Chronicle* wrote, "... Read it while it's still allowed." The protagonist reminisces about her former life with her husband Luke, and her child. She remembers the day she was no longer allowed, as a woman, to make withdrawals from the bank. The woman, whose real name the reader never learns, is allowed to leave the Commander's house once daily. Offred (*of-FRED*) is the main character of, FTP, what novel by Margaret Atwood about the dystopian land of Gilead (*GIL-ee-yad*)?

Answer: THE HANDMAID'S TALE

21. After figures such as Charles de Gaulle and Dwight Eisenhower were rejected, this position was first won by the Norwegian Trygve Lie. Traditionally, the position rotates by geographic region, but since the previous Egyptian holder served for only one term, a successor was chosen from Africa. The position is voted on by the General Assembly, although the 5 permanent members of the Security Council have a veto over it. FTP, name this position, head of the UN Secretariat, currently held by Kofi Annan.

Answer: SECRETARY GENERAL

22. (OU) He played a minor role in the Manhattan Project and claimed that he had come to America because his help was not needed to construct nuclear weapons. He conceived of the principle of complementarity and, after studying under Ernest Rutherford, he introduced the ideas that electrons could drop from higher orbits to lower orbits, emitting a photon, and that chemical properties were largely determined by the number of electrons in the outer orbits. FTP, who is this Danish physicist, best known for his model of the atom?

Answer: Niels Bohr

23. This woman was an acclaimed actress and had performed in several productions both on and off Broadway. She also appeared in a few episodes of *Law and Order: Criminal Intent* and on several episodes of the HBO series *Oz*. In the mid-nineties, she became an advocate for stem cell research. Upon learning that the *National Enquirer* would be revealing the information, she chose to bring her struggle with breast cancer to the public. *FTP, name this actress and wife of Christopher Reeve who lost her battle with breast cancer on March 6, 2006.

Answer: DANA REEVE (*require first and last name after this point)

1. (CS) Given opening lines from a poem, name the poet for 5 points and the poem for 5 more. Hint: All 3 poets share the same first name.

a) "I wandered lonely as a cloud / That floats on high o'er vales and hills"

Answer: William **Wordsworth**; **Daffodils**

b) "Shall I compare thee to a summer's day? / Thou art more lovely and more temperate"

Answer: William **Shakespeare**; **Sonnet 18** (accept 18th Sonnet, etc.)

c) "Out of the night that covers me / Black as the pit from pole to pole"

Answer: William Ernest **Henley**; **Invictus**

2. (MD) Given the American figure, name his assassin FTP.

[10] Martin Luther King Jr.

Answer: James Earl **Ray**

[10] William McKinley

Answer: Leon **Czolgosz**

[10] Robert F. Kennedy

Answer: Sirhan **Sirhan** (accept either first or last name)

3. Answer the following questions concerning religious texts FTPE.

A. This term is used for the collection of thirteen books bridging the historical gap between the Old and New Testaments, but is generally not included in Protestant versions of the Bible.

Answer: **APOCRYPHA**

B. The Apocrypha was included in this early Greek translation of the Hebrew Bible, often referred to as *LXX*.

Answer: **SEPTUAGINT**

C. The Apocrypha was originally included in the translation known as the *Authorized Version*, but was later removed as the church became more Protestant. Name the king responsible for that version.

Answer: **KING JAMES I** (prompt on James or King James)

4. (OU) FTPE identify these species which have thus far been identified in the evolutionary line from the first hominids down to *Homo sapiens sapiens*.

10) With the exception possibly of *H. rudolfensis*, this species, of those species placed in the genus *Homo*, are the least like modern man. Many believe they were the earliest member of the genus and their name means "Skillful Man", from their use of tools during the Oldowan era.

Answer: *Homo* **habilis**

10) With a name meaning "Working Man", some have suggested that this species is actually a subspecies of *H. erectus*. Before the discovery of *H. georgicus*, they were believed to have been the first humans in Europe.

Answer: *Homo* **ergaster**

10) Archaeological date indicates that this species, which was isolated on an Indonesian island, was the last *Homo* species to die out, doing so approximately 12,000 years ago. Believed to have been the result of island dwarfing, they have become popularly known as "hobbits".

Answer: *Homo* **floresiensis**

5. (JK) A search of Amazon.com reveals this book to recently be inundated with one-star reviews. Wonder why? FTPE, answer the following.

10: After Oprah Winfrey picked that book, *A Million Little Pieces*, for her book club, she felt deceived by this author of the book after The Smoking Gun did an investigation revealing that parts of the book were fabricated.

Answer: James **Frey** (pronounced Fry)

10: The title character of this sequel to *A Million Little Pieces* is a large Vegas mobster that James Frey purportedly met in rehab.

Answer: **My Friend Leonard**

10: Mentioned in both *A Million Little Pieces* and *My Friend Leonard*, this woman who Frey became attached to hangs herself... at least that what Frey wrote.

Answer: **Lilly**

6. FTPE, name these prominent supporting characters below from Victor Hugo's *Les Misérables*:

A. This girl's mother, Fantine (*fahn-teen*), dies early on in the novel, and she is adopted by Jean Valjean.

Answer: **COSETTE**

A. Cosette ends up in a relationship with this young man. His grandfather, Monsieur Gillesnormand (*miss-yur jeel-nor-mahn*), separated him from his father, lest he fall under the influence of his father's liberal viewpoints.

Answer: **MARIUS PONTMERCY**

C. One of the one of the most redeemed characters in the novel, she suffers a doomed and unrequited love for Marius.

Answer: **EPONINE**

7. (OU) F10PE, identify these battles of Napoleonic Wars from a brief description.

A. Often considered Napoleon's greatest victory, this battle saw the French defeat a numerically superior Russo-Austrian force and resulted in the dissolution of the Holy Roman Empire and the withdrawal of the Austrians from the Third Coalition. It is also occasionally misnamed the "Battle of the Three Emperors".

Answer: **Battle of Austerlitz**

B. The bloodiest single day battle in the Napoleonic Wars, this battle saw the Russians finally form a defensive line following the 1812 French invasion. The Russians were routed from the field and retreated beyond Moscow, opening Napoleon's path to the capital.

Answer: **Battle of Borodino or Battle of the Moskva**

C. This battle, also known as the "Battle of the Nations", saw Napoleon's forces, which were outnumbered over 2 to 1, forced to retreat back across the Elbe and marked the end of the French presence east of the Rhine. It was the largest battle in the Napoleonic Wars.

Answer: **Battle of Leipzig**

8. (CS) Answer these questions about something really dense FTPE:

(10) In 1933 Walter Baade and Fritz Zwicky predicted the existence of these as a possible end product of stellar evolution. Conditions in the central core of one would be too extreme to sustain stable atoms or even nuclei.

Answer: **neutron stars**

A. Not to be confused with pulsars or magnetars, this is the term for a binary system consisting of a neutron star with a low mass companion. As degenerate gas from the companion accumulates around the neutron star, fusion results in periodic explosions emitting its namesake radiation.

Answer: **X-ray burster**

B. Neutron degeneracy keeps the core from collapsing because of this principle that states no two atoms can occupy the same space.

Answer: **Pauli Exclusion Principle**

9. (NGC) Given the artists, name the artistic movement in which they all worked, for ten points each.

a) Adherents to this post-World War I non-movement and pre-cursor to Surrealism included Marcel Duchamp, Hans Arp, and Hugo Ball.

Answer: **Dadaism**

b) A reaction to the Baroque, this movement included Jacques-Louis David and Jean-August-Dominique Ingres

Answer: **Neoclassicism**

c) Sometimes called neoplasticism, this movement's followers included Piet Mondrian and Theo van Doesburg.

Answer: **De Stijl**

10. So what if high school's over? You still need to know. FTPE, given a geometric formula, tell what it's used to find:

A. Pi times the Radius squared times the Height, ($\pi R^2 H$)

Answer: **VOLUME OF A CYLINDER**

B. 6 times the length of a side squared ($6s^2$)

Answer: **SURFACE AREA OF A CUBE**

C. Four thirds Pi R cubed ($\frac{4}{3}\pi R^3$)

Answer: **VOLUME OF A SPHERE**

11. (Sh/CS) Given the following phyla, name the principal character from that phylum seen on *Spongebob Squarepants* F5PE or 30 for all 5:

A. Arthropoda

Answer: Eugene H. **Krabs** [grudgingly accept Larry the Lobster, but he's not really that important]

B. Mollusca

Answer: **Squidward** Tentacles

C. Chordata

Answer: **Sandy** Cheeks [grudgingly accept Pearl, but she's not really that important]

D. Porifera

Answer: **Spongebob** Squarepants

E. Echinodermata

Answer: **Patrick** Star

12. (OU) Identify each of the following 20th Century Italian authors from works F10PE.

A. *The Pope and the Witch*; *Comic Mystery*; *Archangels Don't Play Pinball*; and *Accidental Death of an Anarchist*

Answer: Dario **Fo**

B. *The Path to the Nest of Spiders*; *Cosmicomics*; *Mr. Palomar*; and *If on a Winter's Night a Traveler*

Answer: Italo **Calvino**

C. *The Mysterious Flame of Queen Loana*; *The Island of the Day Before*; and *The Name of the Rose*

Answer: Umberto **Eco**

13. (CS) Hitler and Mussolini weren't the only Fascist leaders during World War Two. FTPE name the dictatorial leader of these nations' governments as of 1942:

[10] Spain

Answer: Francisco **Franco** [and yes, he's still dead]

[10] Portugal

Answer: Antonio de Oliveira **Salazar**

[10] Romania

Answer: Ion **Antonescu**

14. Answer the following questions regarding concentrations of solutions FTSNP.

FTP, if a beaker contains a liquid with a 40% solute concentration and cell with 18% solute is placed into it, what type of solution is this?

Answer: **HYPERTONIC**

FTP, concentration gradients result in what process, defined as movement of water across a membrane?

Answer: **OSMOSIS**

Two different terms exist to describe a hypertonic solution's effect on plant and animal cells. Name the two terms F5PE.

Answer: **CRENATION** (ANIMAL) AND **PLASMOLYSIS** (PLANT)

15. (CS) OK, so maybe I already asked this, but I can't remember these things anymore. Am I the only one who loved *Fantasia 2000*? Given music featured in that film, name the composer, 5-10-20-30:

a) Rhapsody in Blue

Answer: George **Gershwin**

b) The Pines of Rome

Answer: Ottorino **Respighi**

c) The Firebird

Answer: Igor **Stravinsky**

d) The Sorcerer's Apprentice (yes, they kept that one in)

Answer: Paul **Dukas**

16. (OU) A good, as defined in economics, is any object or service that increases utility as it is consumed. F10PE, identify the following types of goods.

A. This is a type of good which, contrary to the normal elasticity of demand, sees an increase in demand as the price increases and only because the price increases. The classic example is that of a staple food for the impoverished.

Answer: **Giffen good**

B. Separate from the concept of the Giffen good, this is a good for which demand decreases as a result of a decrease in price. It is associated with conspicuous consumption and status-seeking and fine wines are thought to be an example.

Answer: **Veblen good**

C. This is a good for which demand decreases as the consumer's income increases, distinguishing it from a normal good. The name makes no claim as to the quality of the good, but rather to an observable fact about its demand.

Answer: **Inferior good**

17. (OU) Aren't clouds pretty? FTPE, identify each of the following types of clouds from a brief description.

10) Coming from Latin for "cap", this type of cloud, associated with cumulus or cumulonimbus clouds, is formed by large updrafts in the cloud and is a portent of severe weather.

Answer: **Pileus**

10) Examples of this cloud type are fibratus and uncinus and they are found high in the troposphere, approximately 5000 meters high. They are composed of ice crystals and their name means "wisp of hair" in Latin.

Answer: **Cirrus**

10) These are artificial clouds which are formed either by exhaust from planes or from wingtip vortices. They have been shown to become large cirrus clouds and after September 11, 2001, some evidence indicates that they help to lower the temperature in areas of high air traffic.

Answer: **Contrail or Condensation Trail or Vapor Trail**

18. (OU/CS) FTPE identify the Native American authors of the following works:

A. *The Gourd Dancer*, *The Ancient Child* and *The House Made of Dawn*

Answer: Navarre Scott **Momaday**

B. *Garden in the Dunes*, *Storyteller*, and *Ceremony*

Answer: Leslie Marmon **Silko**

C. *Love Medicine* and *The Beet Queen*

Answer: (Karen) Louise **Erdrich**

19. (NGU) For ten points each name these infamous landmarks at the Antietam National Battlefield Park based on the details of the battle on September 17, 1862.

a) General Jackson's Division defended the Confederate left flank near this Church of the German-American Baptist denomination.

Answer: **Dunker**

b) The IX Corps finally took this bridge, which now bears the name of its commander, better known today for his appearance than his generalship.

Answer: **Burnside Bridge**

c) The center of the Confederate line was located in this road, which was filled with Confederate dead, three feet high.

Answer: **Bloody Lane** (accept: Sunken Road)

20. (OU) Thebes has as many myths associated with it as most other Greek cities. F10PE, identify the following associated with those myths.

A. This man, the brother of Europa and son of either Agenor or Phoenix, founded the city at the site that a cow given to him by Pelagon lied down. He was famous for slaying a dragon which guarded the Castalian Spring and for his progeny.

Answer: **Cadmus**

B. This grandson of Cadmus and son of Aristaeus and Autonoe was immortalized in a lifelike statue by Chiron after his death. He was killed by his own dogs after seeing Artemis bathing and being turned into a stag as punishment.

Answer: **Actaeon**

C. Another grandson of Cadmus and son of Echion and Agave, he banned the worship of his cousin Dionysius in Thebes and was tricked by the god into spying on the Maenads during a bacchanal orgy. They, including Agave, tore him apart, believing he was a wild beast.

Answer: **Pentheus**

21. Lynne Truss has caused quite a stir in the United States with her no-nonsense approach to both grammar and manners. FTPE, name:
- A. Her international bestseller, a book about grammar, with a subtitle of "The Zero Tolerance Approach to Punctuation."
Answer: **EATS, SHOTS, AND LEAVES**
- B. Her second hit, a 2005 release about "The Utter Bloody Rudeness of the World Today, or Six Good Reasons to Stay Home and Bolt the Door."
Answer: **TALK TO THE HAND**
- C. Either of the animals featured on the covers of the preceding books.
Answer: **EITHER PANDA OR RACCOON**
22. (NGC) For ten points each, name these layers of the earth when given their description.
- a) Due to the behavior of P waves and S waves, geologists deduce that this layer probably consists of fluid nickel and iron.
Answer: **core**
- b) This plastic layer is bordered by the Mohorovic discontinuity on the top and the Gutenberg discontinuity on the bottom.
Answer: **Mantle**
- c) This layer has an average depth of 22miles, being thicker under continents and thinner under the oceans.
Answer: **lithosphere or crust**
23. (OU) Wilfred Owen is often remembered as the best of the war poets of World War I. FTPE, identify the following Owen poems from lines.
- A. "Not in the hands of boys, but in their eyes/ Shall shine the holy glimmers of goodbyes."
Answer: ***Anthem for Doomed Youth***
- B. "In all my dreams before my helpless sight/ He plunges at me, guttering, choking, drowning."
Answer: ***Dulce et Decorum Est***
- C. "But the old man would not so, but slew his son,/ And half the seed of Europe, one by one."
Answer: ***The Parable of the Old Man and the Young***