

Round 7 – QU Open: Hawkfest '99
Tossups by Subash Maddipoti and Matt Warning*

1. Hindered by bad eyesight, he was unable to read until the age of twelve, yet he still became a prolific playwright. The socialist message in such plays as *Purple Dust* and *The Star Turns Red* damaged his popularity. *I Knock at the Door* is the first book of his six-volume autobiography, and *The Shadow of a Gunman* was the first of his plays to be produced. His greatest success might have come in the Abbey Theatre production in which Sara Allgood played the title role in *Juno and the Paycock*. FTP, identify this Irish dramatist and author of *The Plough and the Stars*.

Answer: Sean O'CASEY

2. Its center portion contains several scattered symbols – fruit for carnal pleasure, eggs for alchemy and sex, the rat for falsehood and lies, and dead fish for memories of past joys. The painting's themes were derived from three major sources: medieval bestiaries, Flemish proverbs, and dream books. Unlike van Eyck's *Ghent Altarpiece*, Eve, as she is shown in the left panel, is not the mother of mankind, but the temptress who caused original sin. On the right side the numerous horrors of the Devil are displayed. The left panel is labeled *Creation of Eve*, and the right one is called *Hell*. FTP, identify this triptych, the most famous work of Hieronymus Bosch.

Answer: GARDEN OF EARTHLY DELIGHTS

3. In World War I he was exempted from military service because of his clubfoot, which later allowed for the drawing of a parallel with the cloven hoof and limp of the Devil. He was not initially anti-Semitic, for his favorite high school teachers were Jews, and he was engaged to a half-Jewish girl. A gifted orator, he became editor of the biweekly National Socialist magazine, and Hitler appointed him Berlin district leader of the National Socialist German Worker's Party in 1926. He would later edit *The Assault* and *Das Reich*, magazines through which he could use his skills. FTP, name this minister of propaganda for the Third Reich.

Answer: Joseph Paul GOEBBELS

4. French investigators first proved these drugs to be the active principle in dye, and although synthesized in 1908, it was not until 1932 that Gerhard Domagk noted their antibacterial effects. The first one used was Prontosil on streptococcal infections in mice. Fewer than 20 have therapeutic value and they have been largely replaced by more potent drugs, except in the treatment of urinary tract infections. FTP, identify this class of drugs, including a -thiazole and a -nilamide, all beginning with the same five letters.

Answer: SULFA drugs or SULFONAMIDE drugs

5. At Omaha Technical High School he was a star in baseball and track, as well as a baseball catcher. He got a scholarship to Creighton University where he blossomed as a shortstop and outfielder. However, he is best remembered as a pitcher, and his 3,117 strikeouts had been the highest total since Walter Johnson. His 13 shutouts in 1965 is a remarkable feat, yet, FTP, what man surpassed that with 22 wins and a 1.12 ERA as a St. Louis Cardinal in 1968.

Answer: Bob GIBSON

6. Though he came from a wealthy lawyer's family, he ran away from home to work as a sign painter and travel with a medicine show. He wrote of his traveling experiences and contributed poems to several newspapers under the name "Benjamin F. Johnson of Boone." In addition, he became a celebrated platform reader, often appearing with humorist, Bill Nye. Some of his poems were collected in *The Old Swimmin' Hole* and *Leven More Poems*. FTP, name this author of such poems as "The Raggedy Man" and "Little Orphant Annie," who wrote in the dialect of Indiana to earn his title of Hoosier Poet.

Answer: James Whitcomb RILEY

7. The case would have never arisen if not for the *Lochner v. New York* decision just three years earlier. Boston attorney Louis Brandeis defended the law under question, utilizing his namesake "briefs" filled with sociological data. Researchers such as Josephine Goldmark stressed women's "special physical organization" and frailty. FTP, name this decision, in which the Supreme Court upheld a state statute limiting women's work hours, arising from a challenge from businessman Curt Muller.

Answer: MULLER V. OREGON

8. This novel's message is revealed by the statement "All is well when it leaves the hands of the Creator of things; all degenerates in the hands of man." It emphasized expression rather than repression and that children are natural and good, and during their early years they should grow in the classroom of nature. Only between the ages of 12 and 15 should intellectual subjects and the stifling influence of books be introduced. FTP, what is this fictional treatise on the proper education for life, as told about a young boy and written by Jean-Jacques Rousseau?

Answer: EMILE

9*. This binary representation of numbers is the most common one used in computers today for storing signed integers. One advantage of this system is a single representation of zero. A slight disadvantage is the ability to represent one negative value which cannot be inverted without overflow or the addition of an extra bit. For ten points, name this binary number system which is merely an improvement on the one's complement system.

Answer: TWO'S COMPLEMENT

10. Carl Maria von Weber wrote numerous types of this dance for piano. The music is in lively 6-8 time with the women frequently carrying tambourines. It is a couple folk dance characterized by quick steps and flirtatious behavior between partners. Its origin lies in a form of hysteria that appeared in Italy from the 15th to 17th centuries. FTP, name this dance that supposedly cures that disease and takes its name from the large, hairy spider that supposedly transmitted the disease.

Answer: TARANTELLA

11. The name of this novel's hero translates from German for "God-Begotten Devil's Dung." Interspersed between the hero's words, which are in quotation marks, are the remarks of an imaginary editor, who puts the story together from assorted documents written by the hero. In that sense the title refers to editor's role of patching the story together, though it also refers to the author's so-called Clothes Philosophy. It is a combination of novel, autobiography, and essay that deals with the fictional Professor Diogenes Teufelsdröckh (Too fells drauk). FTP, what is this Thomas Carlyle work that literally means "The Tailor Retailored?"

Answer: SARTOR RESARTUS

12. He introduced the art of mezzotint and printmaking into England. His parents, Elizabeth Stuart and Frederick I of Bohemia were driven to the United Provinces where he grew up. Captured at Vlotho on the Weser River and held captive in Austria for three years, he was banished from England by Parliament upon his uncle's surrender. FTP, who was this brilliant cavalry officer and commander of Charles I's armies during the English Civil War?

Answer: Prince RUPERT of the Rhine or RUPRECHT or RUPERT of the Palatinate

13. Many claim that Lothar Meyer actually first proposed the arrangement credited to this man. Following his studies of molecular cohesion, he met with Stanislao Canizzaro, whose insistence on the difference between molecular and atomic weights greatly influenced this man. Dissatisfied with current scholarship he wrote his own textbook, *The Principles of Chemistry*, now a classic. He left several gaps in his most famous discovery, claiming that they would be shortly filled. FTP, name this developer of the periodic table of elements.

Answer: Dmitry Ivanovich MENDELEYEV

14. Some of its famous limestone caverns are included in Wind Cave National Park and Jewel Cave National Monument. Because of its rich timber and game, the region was extremely important to such tribes as the Arapaho and Kiowa. In 1903 Teddy Roosevelt set aside 28,000 acres of it as a protected area. If not for the gold discovered in the range in 1874, an expedition would never have been sent through. FTP, what is this mountain range, site of Little Big Horn and Mt. Rushmore, a group of peaks in western South Dakota?

Answer: BLACK HILLS

15. He plays the prominent role in Thomas Love Peacock's *Misfortunes of Elphin*, and a famous monument honoring him stands on the banks of Gerionydd Lake. He describes his origin with the lines, "First I was formed in the shape of a handsome man, / in the hall of Ceridwen in order to be refined." According to legend, he had the secret of prophetic poetry and he could strike less gifted poets dumb. FTP, who was this man, taking his name from the Welsh for "shining brow," the greatest of the Welsh bards?

Answer: TALIESIN

16. His elder brother Novatus is remembered for presiding over St. Paul's arraignment, and his younger brother, Mela, was the father of the poet, Lucan. Caligula, jealous of this man's oratory, called his speeches "sand without lime" and banished him to Corsica. His work *The Mad Hercules* was a takeoff on Euripides' version, but his two most successful plays were *Phaedra* and *Medea*. While in Corsica he wrote *Consolation*, and upon Nero's ascension, he wrote the "Pumpkinification," a satire based on the deification of earlier emperors. FTP, identify this Roman, who shares his name with an Indian tribe of New York?

Answer: Lucius Annaeus SENECA

17. After fleeing to Toronto, he secured a Canadian passport, flew to London on May 5th, Lisbon on May 7th and secured a second Canadian passport on May 16th. However, on June 8th, as he was about to embark for Brussels, he was apprehended at Heathrow Airport by London police and sent back to the U.S. He would escape from Brushy Mountain Prison nine years later and remain at large for 54 hours before being recaptured. He is most famous for an act committed after he had escaped from the Missouri State Penitentiary in 1967. FTP, name this man, who, on April 4th, 1968, shot and killed Martin Luther King, Jr.

Answer: James Earl RAY

18. It opens with a young Spanish hero singing of finding his love when an old fellow, the overseer of the estate, appears. That old fellow is scheming against Pedrillo, a servant and gardener for the love of Blondchen, an English maid. Meanwhile Belmont, a Spanish nobleman, wants to save Constanze, a Spanish lady who is the captive of Pasha Selim. FTP, what is this Singspiel, an opera written by Mozart, which appealed to the Turkish craze of 18th century Vienna?

Answer: The ABDUCTION FROM THE SERAGLIO

19. The essence of the novel is expressed by the protagonist's comment to "Live all you can; it's a mistake not to." The second one of the title characters is Sarah, who comes to Paris to see her brother. Her brother, Chad, is involved in an affair with the French woman, Madame de Vionnet. The first of the title characters is sent by Chad's mother, Mrs. Newsome, a wealthy widow who wants her son to return home to Woollett, Massachusetts. FTP, what is this novel, centering on Lambert Strether, and written by Henry James.

Answer: The AMBASSADORS

20. He impressed Karl Schwarzschild so much that he was given an appointment to the staff at Gottingen Observatory. Although he had no formal education in astronomy, in 1913 he established the luminosity scale of Cepheid variable stars. In two separate papers he showed that giant and dwarf stars must exist and that a relationship exists between star color and their true brightness. FTP, who was this Danish astronomer who partly gave his name to a graph of the absolute magnitude of stars?

Answer: Ejnar HERTZSPRUNG

21. At the age of 20 he defeated the Roman general, Syagrius, and by the time he was 27, he had absorbed many territories around his capital at Soissons. The only son of Childeric I, in the next century, he would completely defeat a confederation of German tribes known as the Alamanni. The first of his kind to successfully unite the Ripuarian and the Salian groups, he was always respectful to the Catholic Church. FTP, identify this man, whose wife Clotilda convinced him to convert to Christianity in 496, the Merovingian founder of the Frankish kingdom.

Answer: CLOVIS THE GREAT or CLOVIS I

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Boni by Subash Maddipoti

1. Answer the following questions about one of the Seven Wonders of the Ancient World on a 5-10-15 basis.

5: According to Diodorus Siculus, it was four hundred feet square, rising in a series of terraces. It was provided with earth to a sufficient depth to accommodate trees of a great size.

Answer: HANGING GARDENS OF BABYLON

10: What Babylonian king, the man who captured Jerusalem and initiated the Babylonian Captivity, built the Hanging Gardens?

Answer: NEBUCHADNEZZAR II (incorrect if they say "Nebuchadnezzar I")

15: Nebuchadnezzar built the gardens to gratify this wife of his.

Answer: AMYTIS

2. Answer the following questions about an American playwright for the stated number of points.

a) F5P, this play deals with the 1950s working class African-American Younger family in Chicago.

Answer: A RAISIN IN THE SUN

b) F5P, who wrote *A Raisin in the Sun*?

Answer: Lorraine HANSBERRY

c) FTP, the title of *A Raisin in the Sun* was taken from this Langston Hughes poem.

Answer: A DREAM DEFERRED

d) FTP, this 1964 Lorraine Hansberry play deals with the renewal of the social commitment of the title Jewish protagonist.

Answer: The SIGN IN SIDNEY BRUSTEIN'S WINDOW

3. Answer the following questions about the muscle spindle for the stated number of points.

a) F5P each, identify the two major contractile proteins present in the myofibrils, or individual skeletal muscle fibers.

Answers: ACTIN and MYOSIN

b) FTP, identify the repeating contractile unit in a myofibril bounded by Z-lines on either side. It is usually referred to as the functional unit of the myofibril.

Answer: SARCOMERE

c) FTP, identify the light region of the sarcomere in which actin filaments are primarily present.

Answer: I BAND

4. Answer the following questions about Japanese religion and folklore on a 5-10-15 basis.

5: What is the native religion of Japan, characterized by a veneration of nature spirits and ancestors and a lack of formal dogma?

Answer: SHINTOism

10: This Japanese monk of the Kamakura period followed the teachings of the historical Buddha and established Buddhism in Japan.

Answer: NICHIREN

15: In Japanese folklore these supernatural beings are renowned swordsmen and are said to have taught the military arts to the Minamoto hero Yoshitsune. In popular art they are shown as smaller winged creatures with long red noses or beaklike mouths.

Answer: TENGU

5. Answer the following questions about the Spoils or patronage system FTP each.

a) This president was the first to publicly advocate it. People who profited included his friend John Eaton and his second Vice-President, Martin Van Buren.

Answer: Andrew JACKSON

b) The system was made famous by this New York Senator, who in defending one of Jackson's appointments said, "To the victor belong the spoils of the enemy."

Answer: William MARCY

c) Some presidents took the spoils system too far such as this one, who changed 31,000 postmasters in one year. As president he had also expanded the pension list and signed the McKinley high tariff bill.

Answer: Benjamin HARRISON

6. Answer the following questions about the season money titles in professional golf FTP each.

a) In 1963, this man became the first to earn over 100,000 dollars in a season.

Answer: Arnold PALMER

b) Winning two consecutive US Open crowns in 1988 and 1989, this man was the first to earn over 1 million dollars in a season, doing so in 1988.

Answer: Curtis STRANGE

c) In 1998, this winner of the Vardon trophy also set the single season earnings record, winning the money title with over 2.4 million dollars.

Answer: David DUVAL

7. Given some characters identify the Anton Chekov work FTP each.

a) Olga, Masha, and Irina Prozorov

Answer: The THREE SISTERS

b) Aleksandr Serebryakov (say ray bree yakov), Elena Andreyevna

Answer: UNCLE VANYA

c) Dmitrich Gromov, Andrey Ragin

Answer: WARD NO. 6

8. Identify the female artists from descriptions FTP each.

- a) She knew and learned from the elderly Michelangelo, was court painter to Phillip II of Spain, and at the end of her life, gave art advice to a young Anthony Van Dyck. She often painted portraits of the members of her family such as "Portrait of the Artist's Sisters and Brother."

Answer: Sofonisba ANGUISSOLA

- b) This sister-in-law of Manet and granddaughter of Fragonard was a pupil of Corot. Her "Villa at the Seaside" might be the most famous of her Impressionistic works.

Answer: Berthe MORRISOT

- c) This American was befriended and influenced by Degas and often exhibited works like "The Bath" with the Impressionists.

Answer: Mary CASSAT

9. (Moderator read slowly) Note the following gases: Carbon Dioxide, Chlorine, Hydrogen Chloride, Hydrogen Sulfide, Nitrous Oxide, and Sulfur Dioxide. Given the test and the result identify which of these gases was present FTP each. You have 10 seconds per part.

- a) Add Silver Nitrate to the solution and a white precipitate is formed.

Answer: HYDROGEN CHLORIDE or H-C-L

- b) Allow it to bubble into purple potassium permanganate solution and the solution becomes colorless.

Answer: SULFUR DIOXIDE or S-O-2

- c) Insert glowing splint and it bursts into flame.

Answer: NITROUS OXIDE or N-2-O

10. Answer the following questions about the work of Immanuel Kant FTP each.

- a) Kant used this two word phrase to identify a genuine moral command and define the individual moral law that is presented to all of us.

Answer: CATEGORICAL IMPERATIVE

- b) Kant's theory of the categorical imperative is an example of this type of ethics, which derives from the Greek for "duty" or "obligation."

Answer: DEONTOLOGICAL ethics

- c) Kant used this word to identify things-in-themselves that are not structured by the mind's categories. We cannot know these things because they are a reality beyond any possible experience.

Answer: NOUMENA

11. Answer the following questions about a European king on a 5-10-15 basis.

5: This king of Prussia was known for his promotion of music, art, and literature, but he also succeeded in winning the War of the Austrian Succession and gaining Silesia.

Answer: FREDERICK II or FREDERICK THE GREAT

10: Frederick demanded the cession of Silesia in return for Prussian recognition of this document, which gave the Austrian Habsburg possessions to Maria Theresa.

Answer: PRAGMATIC SANCTION

15: Frederick was the son of Frederick William I and this woman, who engendered a love of the arts within him.

Answer: SOFIA DOROTHEA of HANOVER (need either "Sofia of Hanover" or "Sofia Dorothea")

12. Answer the following about an English poem for the stated number of points.

- a) FTP, in the form of a dream vision, it is an elegy on the death of a child, perhaps the poet's daughter. In the poem's 101 stanzas, the dreamer carries on a dialogue with the title maiden, who instructs him in Christian doctrine.

Answer: PEARL

- b) F5P for one, 15 for two, and 20 for all three, name the three other poems found in the one manuscript of the "Pearl" poem still extant. One is a famous story from Arthurian legend dealing with the knight Bercilak, and the other two are one-word titles that work alliteratively with "Pearl."

Answer: Sir GAWAIN AND THE GREEN KNIGHT; PURITY; PATIENCE

13. Identify the famous speed skaters FTP each.

- a) This American failed to win a medal in the 1988 Winter Olympics after the tragic death of his sister from leukemia. After repeat failure in 1992, he triumphed with a gold in the 1,000 meter event in 1994.

Answer: Dan JANSEN

- b) Competing at the 500 and 1,000 meter distances this woman won 5 gold medals from the 1988, 92, and 94 Olympics. Those 5 gold medals are the most ever by any U.S. woman athlete.

Answer: Bonnie BLAIR

- c) This Norweigan dominated in 1994, winning the 1,500 meter, 5,000 meter, and 10,000 meter events and setting world records in all three.

Answer: Johann Olav KOSS

14. Answer the following questions about a scientific phenomena on a 5-10-15 basis.

5: It is the change in the frequency of a wave observed at a receiver whenever the source or the receiver is moving relative to each other or to the carrier of the wave.

Answer: DOPPLER EFFECT

10: When the light from distant stars and galaxies shows this phenomena, it indicates that the universe is rapidly expanding.

Answer: REDSHIFT or DOPPLER SHIFT TO RED (prompt on "Doppler Shift")

15: The Doppler effect was first verified in 1845 by this man through experiments conducted on a moving train.

Answer: C.H.D. BUYS-BALLOT (booe ba lo)

15. Identify the film directors from descriptions on a 15-5 basis.

15: Some of this Bohemian's films include *The Joyless Street*, *The Love of Jeanne Ney*, and a three-language version of *Don Quixote*.

5: His most outstanding postwar film was *The Last Act*, or *The Last Ten Days*, a restaging of the final days of the Hitler Regime. By the way, he shares his name with a Blue Ribbon beer.

Answer: G(eorg) W(ilhelm) PABST

15: *Stolen Kisses*, *Bed and Board*, and *Love on the Run* are some of his films.

5: This leader of the new-wave movement might be best known for *400 Blows*, *Jules and Jim*, and *Day for Night*, which won the Oscar for best foreign film in 1973.

Answer: Francois TRUFFAUT (troo foh)

16. Identify the following figures and treaties related to the Panama Canal from descriptions FTP each.

- a) This 1850 treaty was an agreement between the U.S. and Great Britain to control jointly a canal on the Central American isthmus.

Answer: CLAYTON-BULWER Treaty

- b) This 1901 treaty between the U.S. and Great Britain allowed the U.S. to construct the Panama Canal, with Britain disclaiming all its rights to a joint protectorate.

Answer: HAY-PAUNCEFOTE Treaty

- c) This Brooklyn native was appointed by Teddy Roosevelt as the chief engineer of the Panama Canal and served as the governor of the Canal Zone until 1919.

Answer: George GOETHALS

17. Answer the following questions about a race of creatures from mythology for the stated number of points.

- a) F5P, in Greek mythology they were man-eating birds with women's faces.

Answer: HARPIES

- b) FTP, the harpies were daughters of this titaness, who shares her name with a vengeful daughter of Greek myth.

Answer: ELECTRA

- c) F5P each, name the three harpies mentioned by Hesiod.

Answers: OCYPETA (accept "rapid"); CELENO (accept "blackness"); AELLO (accept "storm")

18. Make the following literary connections FTP each. For example if I said, "The Blanche Dubois play meets the Ephraim and Annie Cabot play," you might correctly respond "A Streetcar Named Desire Under the Elms."

- a) The group of novels featuring Natty Bumppo meets a collection of narrative poems that includes such works as "The Saga of King Olaf" and "Paul Revere's Ride."

Answer: The LEATHERSTOCKING TALES OF A WAYSIDE INN

- b) The novel with Frederic Henry meets a George Bernard Shaw play set in Bulgaria.

Answer: A FAREWELL TO ARMS AND THE MAN

- c) The best known novel of Milan Kundera meets a long 20th century philosophical treatise subtitled "an essay on phenomenological ontology."

Answer: The UNBEARABLE LIGHTNESS OF BEING AND NOTHINGNESS

19. Solve the following physics problems on for the stated number of points. You have 10 seconds for each one.

- a) FTP, what is the kinetic energy of a 7 kilogram medicine ball travelling at a speed of 5 meters per second? Give your answer in Joules and to the tenths place.

Answer: 87.5 Joules [= $\frac{1}{2}(7) * (5)^2$]

- b) F15P, The specific heat of aluminum is .90 Joules per grams-Kelvin. How much heat does it take to raise the temperature of a 100 gram aluminum pot from 20 degrees Celsius to 50 degrees Celsius? Give your answer in Joules.

Answer: 2,700 Joules [= $(.9) * (100) * (323-293)$]

- c) F5P, what is the weight of a 35 kilogram box on Mars, assuming that $g = 3$ meters per second squared. Give your answer in Newtons.

Answer: 105 Newtons [= $(35) * (3)$]

20. Identify the Frenchmen from descriptions for the stated number of points.

5: This French positivist is noted for coining the word “sociology”

Answer: Auguste COMTE

5: This philosopher often attacked his contemporary Jean Jacques Rousseau, and some say his character of Dr. Pangloss is autobiographical.

Answer: VOLTAIRE or Francois Marie AROUET

10: He developed his notions of myth and violence in *Reflections on Violence*. He is known as the founder of syndicalism.

Answer: Georges SOREL

10: Sometimes referred to as the father of modern anarchism, in his pamphlet *What is Property?*, this man condemned the abuses of concentrated economic power and private property.

Answer: Pierre Joseph PROUDHON

21. Identify the composers from works on a 15-5 basis.

15: The ballets *Mercure* and *Parade*; the piano piece *Limp Preludes for a Dog*

5: The piano suite *Gymnopedies* (Zhim no pay dee)

Answer: Erik SATIE (Sa tee)

15: The operas *L'Africaine*, *Le prophete*, *Robert le diable*

5: The opera *Les Huguenots* (hyoo ge no)

Answer: Giacomo MEYERBEER