

Round #20 – QU Open: Hawkfest '99  
Tossups by Subash Maddipoti

1. His first work was the *Shadow of Night* . . . *Two Poeticall Hymnes*, followed by *Ovids Banquet of Sence*, both of which philosophize on an ordered life. He was imprisoned with Ben Jonson for writing *Eastward Hoe*, a play that James I found offensive toward Scots. *Euthymiae Raptus*, his major poem, is a dialogue between the poet and the Lady Peace. Well known for building upon the work of others, he finished the conclusion to Marlowe's poem *Hero and Leander*. His translation of the *Odyssey* appeared in 1616, 18 years after his translation of the *Iliad*. FTP, what Englishman's translations of Homer figure in a famous ode by John Keats.

Answer: George Chapman

2. This case originally arose in the early 1970s, but was dropped with the end of the Vietnam War. Later, President Carter's response to the Soviet invasion of Afghanistan caused it to be revived, and a lower federal court ruled in favor of a man claiming a 1971 act of Congress to be invalid because it discriminated against men. The federal government appealed and won on the grounds that deciding to exclude women from combat stemmed from the government's assessment of military need. FTP, identify this Supreme Court case concerning the exemption of women from selective service registration.

Answer: Rostker v. Goldberg

3. Included among the Kethuvim section of the Hebrew Bible, this book probably dates from the reign of Antiochus IV, though it purports to date from the Babylonian Captivity. One historical error occurs when a figure known as "Darius the Mede" conquers Babylon. Included among the prophetic books of the Old Testament, it is not so much a collection of a prophet's sayings as a short story describing his experiences. The book concludes with a series of prophetic visions, including the "abomination of desolation." FTP, what is this book, whose title character is most famous for being thrown into a lion's den?

Answer: Book of Daniel

4. In his studies of how immunity to viruses is developed he isolated the B virus and conducted research that led to the development of vaccines for sandfly fever and dengue (den gay). After emigrating from Russia to the U.S. in 1921, he began the work which made him famous. While working at the University of Cincinnati he proved that an infection of the alimentary tract, not a nasal vectory is how poliomyelitis infection occurs. He then reasoned that a live, weakened virus could immunize better than the killed, injected one. Thus, FTP, identify the scientist that devised an oral, live-virus polio vaccine.

Answer: Albert Sabin

5. His studies in Wittenberg were interrupted by the death of his father, and were never to resume. Instead, he was sent on a trip to England to recover his health following signs of insanity. An encounter with the Norwegian army marching to war against Poland helps dissuade him from completing this trip, and he returned to his native country to find the woman he loves dead. He goes on to fight a duel which results in the death of both him and his lover's brother, but not before his mother and uncle also perish. Thus goes the plot of what Shakespearean play which includes the characters of Claudius and Polonius.

Answer: Hamlet

6. Scheduled to open in Berlin in 1934 it was banned by the Nazis and was delayed for four years before premiering at Zurich's Stadtheater. The central movement is a brief and tender moment of grief for the burial of Christ, and the opera is arranged into three sections, entitled "Angelic Concert," "The Entombment," and "The Temptation of St. Anthony." This arrangement makes sense considering the 16<sup>th</sup> century altarpieces that inspired this musical work. FTP, identify this opera based on the life of Mathias Grunewald (groo ne wold), the best-known work of Paul Hindemith (hin da mit).

Answer: Mathis der Maler

7. On one side 120,000 troops were under Marshal MacMahon with the 200,000 opposing soldiers commanded by General Helmuth von Moltke. MacMahon had intended to march his army northeast to relieve his Army of the Rhine, which was trapped at Metz. Upon learning of this, Moltke sent Crown Prince Albert to intercept the French at the Meuse River, a tactic which forced the French to fall back to the titular fortress of this battle. The 3<sup>rd</sup> Prussian Army moved in to complete the siege, and realizing the hopeless position, Napoleon III surrendered. FTP, identify this decisive defeat of the French in the Franco-Prussian War.

Answer: Battle of Sedan

8. The symbiotic bacteria that perform this process invade the root hairs of host plants, where they multiply and stimulate formation of root nodules. Though the process can occur via exposure to lightning and cosmic rays, 90 percent of it is undertaken by soil microorganisms. It is frequently conducted by *Rhizobium* and *Azotobacter*, and blue-green algae are also recognized as performing it. It results in the production of more reactive and useful compounds from a relatively inert atmospheric gas. FTP, what is this process, whereby, free nitrogen gas is converted into ammonia, nitrates, or nitrites?

Answer: nitrogen fixation

9. He starred in high school, playing basketball at Crispus Attucks, an all-black school which he led to the first undefeated season of any state championship basketball team in Indiana history. In his first year in the NBA he set a rookie record that still stands with 30.1 points per game. He was directly responsible for free agency, for he brought a class-action lawsuit against the NBA charging it with violation of federal antitrust laws. After starring at the University of Cincinnati, this guard played for the Royals and the Bucks in the NBA, winning championships in 1971 and 1974. FTP, what original king of the triple double was nicknamed the "Big O?"

Answer: Oscar Roberston

10. The author actually derived inspiration for this work from J.S. Le Fanu's novel *In a Glass Darkly*, particularly the story "Camilla." It is written as a sequence of diary entries kept by the representative of Mr. Hawkins that become more and more hectic as the story progresses. We first meet the title character in chapter 2 and he is described as having nails long and fine, pale ears pointed at the top, and a heavy, cruel-looking mustache with sharp, protruding white teeth. Of course these are just the initial impressions of Jonathan Harker, impressions that soon become more and more horrific. FTP, identify this classic novel of horror written by Bram Stoker.

Answer: Dracula

11. He was the son of Everes and the nymph Chariclo, and one account of his life says that he was wandering in the woods one day, came upon two serpents copulating, struck them with his staff, and was transformed into a woman. Seven years later the same thing happened and he became a man again. Because of this, he was asked to judge a contest between Zeus and Hera over which gender took more pleasure from sex, and he agreed with Zeus that it was a woman, causing Hera to disfigure him. Another account tells of how he saw Athena naked and she rendered him blind. FTP, identify this most famous Greek soothsayer.

Answer: Tiresias

12. Their later kings included Thrasamund and Huneric. They were said to have been invited into the land they invaded by the leader Bonifacius, though they were probably attracted by the wealth and needed no excuse. 80,000 of them did invade and advanced with little opposition until they came to Hippo Regius. Let by their king Gaiseric, they laid siege to the town, an event during which St. Augustine died. An agreement made in 435 allotted them Numidia and Mauretania, yet they continued to pillage, destroying Carthage the next year. FTP, identify these barbaric invaders of North Africa in the 5<sup>th</sup> century, whose name is synonymous with one who willfully destroys or defaces property.

Answer: Vandals

13. This observation was first observed and published in separate papers in 1916 by the German chemist Walther Kossel and the American with which it is frequently identified. The rule is used to determine the combining capacity of many elements as postulated by Gilbert Newton Lewis. The arrangement that it predicts is help responsible for the relative inertness of the noble gases, and explains why elements with atomic numbers close to the noble gases tend to combine with other such elements by losing, sharing, or gaining electrons. FTP, identify this rule that states that all atoms desire to attain the eight-outer-electron configuration of the noble gases.

Answer: Octet rule or Rule of Eight

14. The day after his death, his wife, Jeanne Hebuterne, killed herself and their unborn child by jumping from a window. After suffering from typhus in 1895 and 1895, he was advised to enter a leisurely profession like painting. In 1908 he exhibited five or six paintings at the Salon des Independants, and he met Brancusi a year later, an experience which greatly affected his choice of subject matter. In 1912 he exhibited a "decorative ensemble" of eight stone heads, which demonstrated his interest in African sculpture. FTP, identify this Italian sculptor and painter of 1917's *Reclining Nude*, a man noted for his elongated portraits and their oval faces.

Answer: Amedeo Modigliani (mo dee lee a nee)

15. As the story opens we find out that the central character is a *chechaquo*, or newcomer in the land. As the man's predicament steadily worsens, he harkens back to the advice given to him by the old-timer at Sulphur Creek. We also find that he is "bound for the old claim on the left fork of Henderson Creek," and that as he contemplates the temperature so cold that it makes his spit crackle, his dog, a big native husky, instinctively realizes that it was not a time to travel in such deadly weather. In a series of disasters he gets his feet wet and realizes that he will die for he is unsuccessful in all his attempts to build a fire. FTP, identify this Jack London short story.

Answer: To Build a Fire

16. The first of them was actually passed in 1381 but remained a dead letter for 270 years. Their benefits applied only to England, until the 1707 Act of Union which allowed for Scotland to obtain equal privileges. The "great" one was passed by the Commonwealth government in 1651 and was aimed at the Dutch, England's main rival at the time. Since they had not been strictly enforced for over 150 years, colonists were angered when the British used them to restrict which countries could serve as markets for colonial exports. FTP, identify these legislative measures that were designed to control commerce and confine Atlantic trade to English ships.

Answer: Navigation Acts or Navigation Laws

17. It extends along a line from Scott Island to Cape Colbeck. Its broader, western half shoals to less than 1,000 feet in several areas, culminating in the small and rocky volcanic pile of Franklin Island. It primarily lies between Cape Adare in northern Victoria Land on the west and a northern cape of Edward VII Peninsula on the east. Its waters were first traversed in 1841 by the *HMS Erebus* and the *HMS Terror*. FTP, identify this southern extension of the Pacific Ocean, a sea along the coast of Antarctica, which along with a famous ice shelf was named for the explorer who discovered it.

Answer: Ross Sea

18. He considered that there are several independent possible orientations of two-dimensional surfaces, for instance, six in a four-dimensional continuum, such as space-time. Altogether there are 20 distinct and independent components of curvature defined at each point of space-time, which are referred to as the 20 components of his curvature tensor. His work made possible and offered a mathematical explanation for Einstein's conjecture that a gravitational field causes curvature in space-time. FTP, identify this 19<sup>th</sup> century German mathematician, whose namesake geometry made possible the concepts used by Einstein in the theory of relativity.

Answer: Georg Friedrich Bernhard Riemann (ree maan)

19. He once bragged that when he was about 13, he could read Scholastic philosophers with the same ease that most people read romance novels. Upon demonstrating his state-of-the-art-calculating machine, which could perform new functions like multiplication and division, he was made a member of the Royal Society. Once tutored by Christian Huygens, this man stated that the universe is composed of countless conscious centers of spiritual force or energy. FTP, what German philosopher proposed that we live in "the best of all possible worlds" and coined the concept of the monad.

Answer: Gottfried Leibnitz

20. Since his lands lay between those of the rival houses of Argyll and Montrose, for a time he was able to play one off against the other. However, James Graham, 1<sup>st</sup> Duke of Montrose, succeeded in entangling this man in debt and ruined him. When penal laws were enacted against his family, the MacGregors, he took the name of Campbell. After his financial ruin, he took to a career of brigandage, plundering the local countryside, before he was arrested in 1722. Contrary to what you might have seen, he was not married to Jessica Lange and did not duel Tim Roth to the death. FTP, identify this noted Highland outlaw, whose reputation as a Scottish Robin Hood was greatly exaggerated in a famous novel by Sir Walter Scott.

Answer: Rob Roy or Robert MacGregor or Robert Campbell

21. Among those referred in this poem are Patrick Pearse, a poet and schoolmaster, and Thomas MacDonagh, an English professor and critic. Also included is Constance Markiewicz, who, unlike the others, did not die, being sentenced to penal servitude for life. The description "A drunken, vainglorious lout" is reserved for John MacBride, the estranged husband of the poet's beloved Maud Gonne. FTP, identify this William Butler Yeats poem, concerning an Irish uprising during World War I.

Answer: Easter, 1916



Round #20 – QU Open: Hawkfest '99  
Boni by Subash Maddipoti

1. Answer the following about Cepheid variables FTP each.

- a) In 1912 this astronomer working at Harvard Observatory discovered the period-luminosity relationship of Cepheids.

Answer: Henrietta Leavitt

- b) With its variability discovered in 1784 by John Goodricke, this is the prototype Cepheid variable

Answer: Delta Cephei

- c) Belonging to Population II, a class of older stars found in the core and halo of the Milky Way, these type of Cepheids are also known as RR Lyrae variables.

Answer: Short-period or cluster-type

2. Identify the following poems of Matthew Arnold for the stated number of points.

- a) FTP, this poem is subtitled, *A Monody, to Commemorate the Author's Friend, Arthur Hugh Clough, Who Died at Florence, 1861.*

Answer: Thyrsis

- b) F15P, this elegy, written in April 1850, begins, "Goethe in Weimar sleeps, and Greece, / Long since, saw Byron's struggle cease. / But one such death remained to come; / The last poetic voice is dumb-- / We stand today by Wordsworth's tomb."

Answer: Memorial Verses

- c) F5P, this poem, the best known of Arnold, begins, "The sea is calm tonight. / The tide is full, the lies fair"

Answer: Dover Beach

3. Identify these historical figures who met a fiery ending FTP each.

- a) This first Protestant archbishop of Canterbury was denounced by Mary I, convicted of heresy, and burned at the stake.

Answer: Thomas Cranmer

- b) This author of *De Ecclesia* was convicted of heresy, and after he refused to recant in 1414, he was burned at the stake.

Answer: Jan Hus

- c) This Renaissance philosopher and author of *On the Infinite Universe and Worlds* was tried for heresy in 1592 and burned at the stake the same year.

Answer: Giordano Bruno

4. Identify these philosophical “-isms” from descriptions for the stated number of points.

- a) FTP, This metaphysical doctrine is often used to describe the concept of Schopenhauer that all the universe is fundamentally or exclusively will. It is sometimes used as another word for libertarianism with regard to freedom of will.

Answer: voluntarism

- b) F15P, coming from the Greek for “happy,” this -ism refers to any conception of ethics that puts human happiness and the complete life of the individual at the center of ethical concern.

Answer: eudaimonism

- c) F5P, coming from the Latin for “nothing,” this fatalistic doctrine holds that life has no meaning and that even if you try to achieve your values, in the end your life must necessarily come to nothing.

Answer: nihilism

5. Identify these “a” words of architecture from definitions FTP each.

- a) It is a covered walkway, outdoors, as in a cloister, or indoors; especially the passageway around the apse and the choir of a church.

Answer: ambulatory

- b) It is the uppermost portion of the capital of a column, usually a thin slab. It shares its name with a mathematical instrument.

Answer: abacus

- c) It is a male figure that functions as a supporting column, as opposed to a caryatid.

Answer: atlantid

6. Answer the following about a certain subatomic particle FTP each.

- a) F5P, They are any of a family of subatomic particles that participate in strong interactions, are composed of a quark and an antiquark, and have masses generally intermediate between leptons and baryons.

Answer: mesons

- b) FTP, mesons were first predicted in 1935 by this Japanese physicist.

Answer: Yukawa Hideki

- c) F5P the discovery of this meson in 1974 proved that mesons were made up of a quark and its antiquark, in this case a charmed quark and its antiquark.

Answer: J/psi (J-psi) meson

- d) F5P each, identify the meson discovered immediately after the J/psi meson and EITHER of the two quarks that it resulted in the detection of.

Answers: upsilon meson and  
bottom quark OR top quark



7. As the British journalist Angela Lambert said, "Pornography is meant to be read with one hand," I'll let you interpret that however you want, but FTP each identify this work that was seen as pornographic in their time.

- a) This novel details the affair that Connie has with the gamekeeper Mellors, due to her husband's inability to satisfy her sexually because of a war wound that resulted in his impotence.

Answer: Lady Chatterley's Lover

- b) Many high schools around the country have stricken this short novel from Advanced Placement reading lists because of its brutal description of the incestual rape and impregnation suffered by Pecola Breedlove.

Answer: The Bluest Eye

- c) This novel was banned as immoral due to its frank discussion of the relationship between the title character and two men in her life – Charles Drouet and George Hurstwood.

Answer: Sister Carrie

8. Identify the following regarding an 1830s conflict FTP each.

- a) This Indian chief, the namesake of the war, led a band of 1,000 warriors back across east of the Mississippi to reclaim tribal lands. He returned to the disputed land in April of 1832 only to surrender that August.

Answer: Black Hawk

- b) This leader betrayed his friend Black Hawk and aided the U.S. in the war. A town in the far southeast portion of Iowa is named after him.

Answer: Keokuk

- c) FTP each, name the two tribes which fought for Black Hawk

Answer: Sauk and Fox

9. Identify these composers from works on a 10-5 basis.

10: the opera *Macbeth*, *Concerto Grosso* No. 2

5: *Israel Symphony*

Answer: Ernest Bloch

10: *Moses und Aron*, *Transfigured Night*

5: *Pierrot Lunaire*

Answer: Arnold Schoenberg (shurn burg)

10: the operas *Elektra* and *Arabella*

5: *Der Rosenkavalier*

Answer: Richard Strauss

10. Identify these cities or regions of Russia FTP each.

- a) This city at the confluence of the Oka and Volga rivers was named Gorky from 1932 to 1991 in honor of Maksim Gorky, who was born there.

Answer: Nizhniy Novgorod

- b) This city of south-central Russia on the Ob River is the largest city and one of the chief industrial centers of Siberia.

Answer: Novosibirsk

- c) A city of extreme southeast Russia on an arm of the Sea of Japan, it is the terminus of the Trans-Siberian Railroad and Russia's major Pacific seaport.

Answer: Vladivostok

11. Answer the following about the phylogenic development of the kidney for the stated number of points.

- a) F5P each, the development of the kidney in vertebrates can be traced through three organs each with the suffix of -nephros. Identify them F5P each and another 5 points for placing them in order from most primitive to most advanced.

Answers: pronephros; mesonephros; metanephros

- b) FTP, in the mesonephric kidney the renal tubules empty into this long duct, which is a remnant of the pronephros. Its name is also an identifying adjective of the mesonephric kidney.

Answer: Wolffian duct

12. Answer the following about a certain writer for the stated number of points.

- a) FTP, this novel reconstructs the earlier life of the fictional character Antoinette Cosway, who is later known in another novel as Bertha Mason.

Answer: Wide Sargasso Sea.

- b) F5P, who wrote *Wide Sargasso Sea*?

Answer: Jean Rhys

- c) F5P, Rhys wrote *Wide Sargasso Sea* as the prequel to this novel. She depicts how the mysteries of Caribbean life and the indifference of Edward Rochester drove his first wife to madness.

Answer: Jane Eyre

- d) FTP, Rhys carried on a longtime affair with what co-author of *The Inheritors* and sole author of the tetralogy *Parade's End*.

Answer: Ford Madox Ford

13. Answer the following about the Mogul Dynasty for the stated number of points.

- a) F5P, This Mongol conqueror and descendant of Tamerlane was the man who founded the Mogul Empire. Also, I'm going to give you the obligatory clue that he shares his name with a famous cartoon elephant.

Answer: Babar or Zahir ud-Din Mohammed (prompt on just "Mohammed")

- b) FTP, Babar was able to establish the Mogul Empire after winning this April 1526 battle. In it his 12,000 men used artillery to rout the 100,000-man army of Delhi sultan Ibrahim Lodi.

Answer: Battle of Panipat

- c) F15P, This son of Shah Jahan was the last Mogul ruler to increase the size of the empire. He annexed the Muslim Deccan kingdoms of Bijapur and Golconda.

Answer: Aurangzeb

14. Identify the economic terms from descriptions FTP each.

- a) This two-word term identifies provisions in the employment contracts of executives guaranteeing substantial severance benefits if they lose their position in a corporate takeover.

Answer: Golden parachute

- b) They are bonds issued by companies with low credit ratings. They typically pay relatively high interest rates because of the fear of default.

Answer: Junk bonds

- c) This is the process whereby a company buying back its own shares for more than the going market price to avoid a threatened hostile takeover.

Answer: Greenmail

15. Identify these Nobel-winning chemists from descriptions FTP each.

- a) This German won for his discovery of cell-less fermentation, but he might be better known for a type of funnel utilizing filter paper which is commonly used in the laboratory for separation.

Answer: Eduard Buchner

- b) Along with Rutherford this man investigated radioactive transformations of atomic nuclei, but he won his 1921 Nobel for his investigations of isotopes.

Answer: Frederick Soddy

- c) Like many he was involved with the Manhattan Project, but he won his Nobel for his discovery of the heavy water or deuterium oxide.

Answer: Harold C. Urey

16. Identify these plays from plot descriptions FTP each or 5 if you need the author

10: The title character is the daughter of a count, who attends a servants' party and seduces a servant, Jean. Unable to live with the resulting conflicts, she commits suicide.

5: August Strindberg

Answer: Miss Julie

10: The play primarily deals with the eccentricities of the Vanderhof family who make fireworks in the cellar, write plays, and practice ballet.

5: George S. Kaufman and Moss Hart

Answer: You Can't Take it with You

10: The play is an allegory whereby each person gathered at Shotover's home, represents a specific evil. The character of Ellie Dunn, who is searching for a husband, provides a contrast to the evil in the world.

5: George Bernard Shaw

Answer: Heartbreak House

17. Identify the vice presidents that served under these presidents F5P each and 30 for all.

a) James Monroe

Answer: Daniel D. Tompkins

b) William Henry Harrison

Answer: John Tyler

c) John Tyler

Answer: Nobody (accept equivalents)

d) Franklin Pierce

Answer: William Rufus de Vane King

e) William McKinley's first vice president.

Answer: Garret A. Hobart

18. Identify these members of the House of Atreus FTP each.

a) This brother of Atreus seduced his wife, and in return Atreus fed him his the flesh of two of his sons.

Answer: Thyestes

b) This son of Thyestes killed Atreus, though he might be more notorious for his involvement in an adulterous affair during the Trojan War.

Answer: Aegisthus

c) In his second marriage Atreus married this woman, the daughter of Thyestes, whose identity he did not know. Her incestuous relationship with Thyestes produced Atreus' killer, Aegisthus.

Answer: Pelopia

19. Identify these scientific words or terms that all begin with the same two letters FTP each.

- a) It is an intimate association between the branched, tubular filaments of a fungus and the roots of higher plants.

Answer: mycorrhiza

- b) This two-word term identifies an injury and death of a section of the muscle of the heart.

Answer: myocardial infarction

- c) Composed of fatty materials, protein, and water, it is the white, insulating sheath on the axon of many nerve fibers.

Answer: myelin

20. 30-20-10, Identify the writer from works.

30: An adaptation of Moliere's *Amphitryon* and the essay *On the Puppet-Theatre*.

20: The plays *The Schrockenstein Family*, *Penthesilea*, and *Prinz Friedrich von Homburg*.

10: The novella *Michael Kolhaas*.

Answer: Heinrich von Kleist

21. Answer the following about the Rosetta Stone for the stated number of points.

- a) F5P and 15 for both, identify the two Egyptologists who deciphered it. One was the Frenchman largely identified it, while the other was a Brit who might be better known for his three-color theory of color vision.

Answer: Jean-Francois Champollion and Thomas Young

- b) F15P, the inscriptions on the stone were apparently written by the priests of Memphis as a summarization of the benefactions conferred by this ruler who ruled from 205 to 180 BC.

Answer: Ptolemy V (accept "Ptolemy Epiphanes")