

Round 2 – QU Open: Hawkfest '99
Tossups by Subash Maddipoti

1. It is derived from the Greek for “warty excrescence, and it is not an adrenal gland or a kidney, but it does have an outer cortex and an inner medulla. Divided into two lobes, its cells can be detected through the use of CD markers, and unlike other lymphoid organs, it does not have lymphatic vessels draining into it. At the onset of puberty, it begins a slow process of shrinking and becomes mostly fat, which continues for the rest of one’s life. It primarily produces reticular cells and helper and cytotoxic cells. FTP, what is this pyramidal-shaped lymphoid organ that, in humans, is immediately beneath the breastbone?

Answer: THYMUS

2. While he was a journalist and editor at the *North American Review*, he taught medieval, European, and American history at Harvard. Just one year before his wife Marian Hooper’s suicide he had published a novel, *Esther*, basing the title character on her. His other works include the novel *Democracy* and the commentary subtitled *A Study in 13th Century Unity*, which is a companion to another work of his subtitled *A Study in 20th Century Multiplicity*. FTP, who is this author of *Mont-Saint Michel and Chartres*, a member of a famous family of statesmen, best known for a work concerning his education?

Answer: Henry Brooks ADAMS

3. Famous landmarks in this city not destroyed during WWII include the Cathedral of St. John and the city walls, both six centuries old. They were originally built during the late middle ages when it served as the home of dukes of Mazovia. The city takes great pride in King Sigismund who moved the country’s capital there at the end of the sixteenth century. Divided by the Wistula River, every five years the world’s best pianists gather there for the Frederic Chopin International Piano Competition. FTP, what is this city, occupied at various times by the Swedes, Russians, and Germans, the current capital of Poland?

Answer: WARSAW

4. His poster *La Gitane* (zhiih TAAN) or *The Gypsy* advertised a never-published play. However, he may be best known for the circuses, dance halls and nightclubs, and racetracks that he set down on canvas. In order to become a part of Montmartre and Parisian nightlife he began to drink heavily. As a teenager he broke both his legs, with the bones never healing properly, thus, as an adult, he had abnormally short legs and was only 4 feet tall. FTP, who was this misshapen painter of *At the Moulin Rouge*?

Answer: Henri TOULOUSE-LAUTREC

5. Due to the criticisms of his contemporaries, especially Leopold Kronecker, he suffered numerous nervous breakdowns. Heinrich Heine convinced him to turn away from number theory, and in 1894 he published a paper that showed how all even numbers up to 1000 could be written as the sum of two primes. Earlier he showed that rational numbers could be placed in one to one correspondence with natural numbers. His work with the Fourier series led to his development of a theory of irrational numbers. FTP, what man built a famous hierarchy of infinite sets according to their cardinal number?

Answer: Georg CANTOR

6. In this novel, the two tragic lovers pledge their love at Mermaid's Fountain before tragedy begins to strike. The title heroine, daughter of Sir William, is forced by her parents to marry the man she despises, the Lord of Bucklaw. Deranged with grief, she stabs and critically wounds the hated bridegroom, Frank Hayston. Her true lover, hearing of the marriage, feels she has betrayed him and tragically dies in the quicksand of Kelpies Flow. FTP, what is this novel about Lucy Ashton and Edgar Ravenswood, written by Sir Walter Scott, which gave rise to a famous Donizetti opera?

Answer: The BRIDE OF LAMMERMOOR (prompt on "Lucia di Lammermoor")

7. He began his career as a minor league pitcher in 1938, but injuries to his arm forced him to play outfield. At the time of his retirement he had a career batting average of .331. He is not Hank Aaron, but his total number of at-bats, 10,972, number of runs scored, 1,949, and hits, 3,630 were second only to those of Ty Cobb at the time of his retirement. His RBI total at 1,951 is only exceeded by Aaron, Gehrig, and Ruth, and he still holds the major league record with 1,377 extra-base hits. FTP, what left-hander who finished his 22-year career at first base for his only major league team, the St. Louis Cardinals, was often referred to as "The Man?"

Answer: Stanley Frank MUSIAL

8. The name's the same. One was amended by the Burke Act of 1906, and was alternately known as the General Allotment Act. Its primary goal was to break up Indian tribal lands, and it also defined measures for opening up reservations. The other was formulated by a Chicago banker, and it reorganized the Reichsbank under Allied supervision in order to stabilize German currency. FTP, give this shared name, one for an 1887 Act, and another for a 1924 Plan which detailed German payment of reparations following World War I.

Answer: DAWES Act or DAWES Plan

9. He is not Pygmalion, but according to Ovid, he was in love with the nymph Galatea. However, she chose the handsome Acis over him, and he crushed his competitor under a rock, from which thereafter flowed the River Acis, near Mt. Aetna. According to Homer, he lives on the island of Sicily, owns hundreds of sheep, and is outsmarted by the answer of "Noman" to a question he asks. FTP, who is this son of Poseidon, blinded by a burning stake; the Cyclops encountered by Odysseus on his journeys?

Answer: POLYPHEMUS (do not accept or prompt on "Cyclops")

10. Synthetic forms of these types of molecules are classified as either addition forms or condensation forms. The addition forms can be created by the use of cations, anions, or free radicals. However, chain branching is a common problem when using the free radicals, resulting in many undesired products. Natural organic bio- types include DNA and cellulose, whereas, inorganic ones include glass and concrete. Synthetic ones serve numerous purposes such as phenol-formaldehyde wood stains, vulcanized rubber, latex, and PVC. FTP, what is this type of compound that is defined as a large molecule composed of many small, repeating units bonded together?

Answer: POLYMERs

11. A secondary plot revolves around a woman, far advanced in her pregnancy, expecting to find the lover who deserted her and the town minister, who ignores his wife and loses his church because of his obsession with the past. The central character appears to be white but is really part black, and he has an affair with a spinster whom the townsfolk of Jefferson regard with suspicion because of her New England background. FTP, what is this novel, written by William Faulkner, with the characters of Lena Grove, Gail Hightower, Joanna Burden, and Joe Christmas?

Answer: LIGHT IN AUGUST

12. Structurally and topographically it forms the counterpart to the Vosges, which lies to the west. It slopes gently toward the Nagold and Neckar valleys to the east, and is the source of the Neckar River. Divided into two parts by the deep Kinzig Valley, its highest summits – Feldberg and Blossling – are to the south. It is mainly a granite highland with rounded peaks, though its northern part comprises sandstone, bordered on the south by more fertile limestone. Known as Schwarzwald by the locals, FTP, what is this mountain region of Germany, taking its name from the extensive dark fir forests in the area?

Answer: BLACK FOREST (accept early buzz of "Schwarzwald")

13. The second one was convoked by the patriarch Tasarius and attended by delegates of Pope Adrian I. Its authority had been challenged as late as the 11th century in France, but Rome's verdict was eventually accepted. The first one fixed the celebration of Easter on the Sunday after Passover and granted power in the east to the bishop of Alexandria. The second had originally been called by Irene, empress of the East, to resolve the Iconoclastic controversy initiated by Emperor Leo III's ban on the worship of icons. FTP, what were these meetings, of which the first was called in 325 by Constantine I to solve the problem of the Arian heresy?

Answer: Council(s) of NICAIA or NICENE councils

14. After his death, a mysterious "Woman in Black," appeared at his tomb. He had worked as a gardener, dishwasher, and a professional ballroom dancer, before gaining his most famous job. His death at the age of 31, from a ruptured ulcer and peritonitis, was tragic considering his recent fame for lead roles in romantic dramas like *The Young Rajah*, *The Eagle*, *A Sainted Devil*, *Blood and Sand*, and *The Sheik*. However his biggest success was the role of Julio in *The Four Horsemen of the Apocalypse*. FTP, who was this Italian-born actor, idolized by women as the "Great Lover" of the 1920's?

Answer: Rudolph VALENTINO or Rodolfo Pietro Filiberto Raffaello GUGLIELMI

15. After nine years in the West Indies as a military engineer he returned to France, and upon the outbreak of the French Revolution, he retired to a small estate at Blois. He devoted himself to scientific research, as well as serving as Inspector of Public Instruction. His research included the studies of the friction of machinery and the elasticity of metal and silk fibers. In addition, he invented a sensitive apparatus to measure the electrical forces involved in Priestley's law, leading to his greatest findings. FTP, who was this scientist, whose law states that the force between two electrical charges is proportional to their product and inversely proportional to the square of the distance between them?

Answer: Charles-Augustin de COULOMB

16. This group's portraits by Sir Godfrey Kneller were reduced to three-quarter length in order to accommodate them to the size of the clubroom wainscot, and to this day the name is still identified with a three-quarter portrait. The publisher Jacob Tonson was its secretary, and members included Samuel Garth, John Vanbrugh and Robert Walpole. It originally got its name from the mutton pies baked by the host. FTP, what was this club of 18th century Whigs that included Steele, Addison, and Congreve, and shares its name with the "gimme a break" candy bar?

Answer: KIT-CAT Club

17. After the founder's death, the movement came under the leadership of Joseph Meacham and Lucy Wright, and its first community was established in New Lebanon, N.Y. Its followers invented such items as the screw propeller, automatic spring, circular saw, and common clothespin. It was strongest during the 1840's with 6,000 members, yet by the 1970's only a dozen female survivors remained. The original founders had been Jane and James Wardley. FTP, what was this celibate millenarian sect introduced to the U.S. by "Mother" Ann Lee, which got its name from the peculiar trembling of the secessionists at their meetings?

Answer: SHAKERS or SHAKING QUAKERS or UNITED SOCIETY OF BELIEVERS IN CHRIST'S SECOND APPEARING

18. It was not the Compromise of 1850, but it had 5 measures. The first one, regarding currency, called for a one to one exchange rate from old to new currency. The second one, about debt, called for the federal government to take on the debts of the states. The fifth listed tariffs, land sales, and a whiskey tax as means for raising federal revenue. The fourth called for a national capital to be situated between Maryland and Virginia, and the third called for the 1st national bank. FTP, identify this Federalist plan named for its author, the 1st U.S. Secretary of the Treasury.

Answer: HAMILTON Plan

19. Before finishing his medical studies, he went on an exploratory expedition in Brazil with Swiss-American naturalist Louis Agassiz. While teaching at his alma mater he coined such terms as "the bitch goddess success." His book *The Varieties of Religious Experience* is a sympathetic psychological account of religious and mystical experiences. His series of lectures at the Lowell Institute and Columbia University were published in two separate works entitled *Pragmatism* and *The Meaning of Truth*. FTP, identify this American philosopher and psychologist, who has a famous writer brother Henry and is best known for his work *The Principles of Psychology*?

Answer: William JAMES

20. Their gametophyte generation is characterized by the multicellular male *antheridia*, which produces many sperm, and the female *archegonia*, which produces only one egg. They are not green algae, but this division of plants is also characterized by rhizoids, hairlike extensions of epidermal cells along the lower surface, which help the organism to get its nutrients from dust, rainwater, and substances dissolved in water at the soil's surface. The best known traits of this group of plants include a lack of true vascular tissues, true leaves, or true roots. FTP, what is this class of plants that includes liverworts and mosses?

Answer: BRYOPHYTES (do not prompt on "mosses" or "liverworts")

21. This play was initially produced at a Lenaeon festival under the pen name of Philonides. As it opens two slaves are talking. Sosias, the slave on guard duty, listens to the other slave's description of a dream in which an eagle seized the shield of an Athenian coward. One ridiculous scene occurs when the family dog, Labes, is put on trial for eating a block of cheese without sharing it with the other dogs. The play deals primarily with Philocleon and his son Bdelycleon (Deli cleon) and is a political satire against the Athenian demagogue, Cleon. FTP, what is this Aristophanes work that definitely relates to Order Hymenoptera?

Answer: The WASPS

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Boni by Subash Maddipoti

1. Given some South American countries, identify the person or persons who led them to independence for the stated number of points

a) F5P, known as “the Liberator,” this man led Colombia and Venezuela to their independence.

Answer: Simon BOLIVAR

b) F5P each, name the two men who led Chile to its independence. One established a nationalist government in Chile in 1818 but refused the presidency in favor of the other, who ruled with dictatorial powers until 1823.

Answer: Jose Francisco de SAN MARTIN and Bernardo O’HIGGINS

c) F15P, this Brazilian general and first president of the republic led a bloodless revolution against Emperor Pedro II and helped create the republic on November 15th, 1889.

Answer: Manuel Deodoro da FONSECA

2. Answer the following questions about an artist FTP each.

a) Identify the Dutch artist of *Composition with Red, Yellow, and Blue* and *Broadway Boogie-Woogie*.

Answer: Piet MONDRIAN

b) What movement did Mondrian co-found. It stressed the use of flat primary colors and straight lines and right angles. Mondrian also co-founded the magazine which shares its name with the movement

Answer: DE STIJL

c) What other Dutch artist founded de Stijl with Mondrian.

Answer: Theo van DOESBURG

3. Given a description, identify the Ralph Waldo Emerson work FTP each.

a) In this essay Emerson discusses his concept of a primal Mind, or a cosmic unity.

Answer: The OVER-SOUL

b) From this poem comes the lines “Here once the embattled farmers stood / And fired the shot heard round the world.”

Answer: CONCORD HYMN

c) In this series of biographic sketches Emerson discusses such men as Swedenborg, Napoleon, Shakespeare, and Plato.

Answer: REPRESENTATIVE MEN

4. Answer the following questions about whales FTP each

a) Whales without teeth fall into this class that takes its name from the plate used to strain out food from the water.

Answer: BALEEN

b) Also called cachalots (KASH uh lahts), this type of whale is by far the largest of the toothed whales.

Answer: SPERM whales

c) Whales are classified in this order whose name is Latin for large sea animal

Answer: CETACEA

5. Given a Civil War battle identify the commanding Union general F5P each and 5-point bonus for all correct.

a) Fredericksburg

Answer: Ambrose E. BURNSIDE

b) Gettysburg

Answer: George C. MEADE

c) Antietam

Answer: George B. MCCLELLAN

d) First Manassas or First Bull Run

Answer: Irvin MCDOWELL

e) Second Manassas or Second Bull Run

Answer: John POPE

6. 30-20-10, name the writer.

30: He wrote the lyrics for Jerome Kern's musical comedy, *Leave It to Jane*, and George Gershwin's, *Rosalie*.

20: The Nazis arrested him in France as an enemy alien in 1940 and detained him in Berlin. He was considered a traitor in his native England for comments made on radio during his time in German custody.

10: He is best known as the creator of the aristocrat, Bertie Wooster and Wooster's valet, Jeeves.

Answer: P. G. (Pelham Grenville) WODEHOUSE

7. Given some national parks, identify the country for 15 points each or 5 if you need some helpful information about the parks.

15: Corbett National Park, Gir Lion National Park, Kaziranga National Park

5: The Gir Lion park is home to a wide variety of animals, including being the last remaining habitat of the Asiatic lion, and housing many Bengali tigers.

Answer: INDIA

15: Uluru National Park, Carnarvon National Park, Cradle Mountain Lake St. Clair National Park.

5: The Uluru park contains the monolith cluster of Mt. Olga and the immense block of Ayers Rock.

Answer: AUSTRALIA

8. Given a functional group from organic chemistry, identify its simplest member, FTP each. For example, "If I said aldehydes, you would respond with formaldehyde."

a) Polyaromatic cyclic hydrocarbons

Answer: NAPHTHALENE

b) Ketones

Answer: DIMETHYL KETONE or PROPANONE or ACETONE

c) Dicarboxylic acids or diacids

Answers: OXALIC acid or ETHANEDIOIC acid

9. Answer the following questions about election time in the U.S. on a 5-10-15 basis.

5: Before primaries existed, all state parties selected their delegates to the national convention in a meeting of state party leaders called this.

Answer: CAUCUS

10: It is the specific definition for a vote by the electorate of a nation, region, or locality on a specific question.

Answer: PLEBISCITE

15: Some main provisions created by this 1974 act included, the creation of the Federal Election Commission, a limit on presidential campaign spending, a requirement of disclosure concerning contributions, and a limit on contributions themselves.

Answer: FEDERAL ELECTION CAMPAIGN Act or Law

10. Answer the following questions about a Roman emperor on a 5-10-15 basis.

5: He is well known for his code of laws, the *Corpus juris civilis*, which now bear his name

Answer: JUSTINIAN I or JUSTINIAN THE GREAT or Flavius Anicius JUSTINIANUS

10: Name either of the two generals of Justinian who destroyed the Vandal kingdom in Africa and defeated the Ostrogoths in Italy, retaking Rome in 536.

Answer: NARSES or BELISARIUS

15: Justinian's treatment of this pope created a schism between Rome and Constantinople that lasted until 610.

Answer: Pope VIGILUS

11. Identify the following "realist" American writers from the latter part of the 19th century FTP each.

a) This magazine editor wrote more than 30 novels including *The Lady of the Aroostook*, *A Fearful Responsibility* and *A Hazard of New Fortunes*.

Answer: William Dean HOWELLS

b) In the work, *The Country of the Pointed Firs*, this author examines a rural New England left behind by economic development

Answer: Sarah Orne JEWETT

c) In his best known novel, *The Grandissimes*, this Southern realist portrays the tragic clash of races and cultures in Louisiana.

Answers: George Washington CABLE

12. Answer the following about everyone's favorite Canaanite god for the stated number of points.

a) For 5 points, as a Semitic common noun, his name means "owner" or "lord," and he is the fertility and life deity of the Canaanites.

Answer: BAAL

b) For 5 points, Baal was always locked in mortal combat with this god of death and sterility.

Answer: MOT

c) FTP, Baal seized the kingship of the gods from this sea god

Answer: YAMM

d) FTP points, knowledge of this sister and consort of Baal was first uncovered from tablets unearthed at Ugarit in Northern Syria

Answer: ANATH

13. 30-20-10, identify the scientist

30: He pioneered the use of a coarse grating for the measurement of the separation of double stars, and he enunciated the principle of radiative equilibrium.

20: Independently of Arnold Sommerfeld he developed the general rules of quantization, gave the complete theory of the Stark effect, and initiated the quantum theory of molecular spectra.

10: There is a crater named for him on the moon, and his namesake "radius" defines the lower limit for the curvature of space at 2500 light years.

Answer: Karl SCHWARZSCHILD

14. Answer the following questions about a work of art for the stated number of points.

a) F5P, this man's best-known paintings include *Marriage a la Mode* and *The Rake's Progress*

Answer: William HOGARTH

b) FTP, this Russian composed the opera *The Rake's Progress* as well as the ballet *Petrushka*.

Answer: Igor STRAVINSKY

c) F15P, this Englishman collaborated with W.H. Auden on the libretto for *The Rake's Progress*

Answer: Chester KALLMAN

15. Given a Vice President identify the U.S. President FTP each.

a) Alben W. Barkley: Harry S. TRUMAN

b) Henry Wilson: Ulysses S. GRANT

c) Richard M. Johnson: Martin VAN BUREN

16. Answer the following questions about Vladimir Nabokov FTP each.

a) Until 1938 Nabokov had written his books in Russian under what pen name. All you need is the surname.

Answer: Vladimir SIRIN (prompt on just first name)

b) What Nabokov work deals with the demented scholar, Charles Kinbote, who believes himself to be the king of the imaginary country, Zembla, and the editor of the 999-line poem which shares its name with the title of the novel.

Answer: PALE FIRE

c) This novel, the longest written by Nabokov, is a parody of the family chronicle form. It is difficult to read because it is written in Russian, French, and English.

Answer: ADA or ARDOR: A FAMILY CHRONICLE

17. Given some lyrics identify the song by The Doors on a 5-10-15 basis. (Moderator: feel free to try and sing along)

5: "You know the day destroys the night / Night divides the day"

Answer: BREAK ON THROUGH (To The Other Side)

10: "There's a killer on the roam / His brain is squirming like a toad / Take a long holiday / And let your children play"

Answer: RIDERS ON THE STORM

15: "Before you slip into unconsciousness / I'd like to have another kiss"

Answer: CRYSTAL SHIP

18. Identify the following 19th century scientists instrumental in the microscopic study of cells FTP each.

- a) 2 ANSWERS REQUIRED – Their cell theory, first proposed in 1838, stated that the nucleated cell is the universal building block of plant and animal tissue.

Answer: Mathias SCHLEIDEN and Theodore SCHWANN

- b) This German pioneered the modern concept of pathological processes by his application of the cell theory to explain the effects of disease in the organs and tissues of the body. He reported the first case of leukemia and in 1874 introduced a standardized autopsy technique.

Answer: Rudolf VIRCHOW

- c) In 1833 he published his microscopic observations of orchids, clearly describing the cell nucleus and particularly noting the action of the pollen grains

Answer: Robert BROWN

19. Identify the following treaties, which have something in common, FTP each.

- a) This March 1918 treaty was named for the place where it was signed in then Poland. In it the Russians agreed to stop fighting the Central powers in World War I.

Answer: Treaty of BREST-LITOVSK

- b) In this treaty, signed in September of 1504, German king Maximilian I agreed to invest Louis XII of France with the duchy of Milan in return for Louis' help in getting Maximilian the imperial crown.

Answer: Treaty of BLOIS (blwa)

- c) In this series of two treaties, Maria Theresa of Austria agreed to cede both upper and lower Silesia to Prussia.

Answer: Treaties of BRESLAU

20. Identify the philosophers given some writings on a 15-5 basis.

15: *The Analysis of Mind*, *The ABC of Relativity*

5: *Principia Mathematica* with Alfred North Whitehead.

Answer: Bertrand RUSSELL

15: *Discourse on Thinking*, *On the Way to Language*

5: *Being and Time*

Answer: Martin HEIDEGGER

21. Given some actors and their roles, name the novel on which the movie is based F15P each, or 5 if you need the author.

15: Daniel Day Lewis plays Newland Archer, Winona Ryder plays May Welland

5: Edith Wharton

Answer: The AGE OF INNOCENCE

15: Ciaran Hinds plays Captain Wentworth, Amanda Root plays Anne Elliot

5: Jane Austen

Answer: PERSUASION