

KICK: ASS

Washington University in St. Louis – April 15, 2000

Packet by Cheryl Barkauskas (with special guests Lori Currier and Aaron Lauter) #2

Toss-Up Questions

1. Her elder son Eilef is sentenced to death for behavior during peacetime that was heroism during the war. Her daughter Katrin cannot speak, but she warns the townspeople of approaching soldiers by drumming from a rooftop. Her younger son Swiss Cheese is executed for hiding the army's cash box from the invaders. Her name is Anna Fierling, but she is better known by the nickname she earned by running through the war-torn Riga with fifty loaves of bread. FTP, name this wagon-hauling merchant made famous by Bertolt Brecht.

Answer: Mother Courage

2. Growing from the theory of social behaviorism, it holds that all reality is communicated reality and that language is crucial in forming the self. Thus, social reality and human behavior are subjective to the viewer. The mind and self cannot be defined independently of their social environment; rather they are rather internalizations of perceived social patterns. FTP, name this highly influential school of sociological thought developed by John Dewey, Charles Cooley, and George Mead.

Answer: symbolic interactionism

3. It became famed for its daring and savagery in battle, usually engaging in quick and dirty skirmishes like the First Battle on Snowshoes. The band formed again during the Cherokee War and Pontiac's Uprising, but by the time of the American Revolution its famed commander had turned to alcohol and the group was a shadow of its former self. FTP, name this company of colonial frontiersman, an important element of Britain's victory in the French and Indian War, and which was most famous for capturing Nathan Hale.

Answer: Roger's Rangers [Editor's Note: I swear I didn't write this!]

4. Surrounded by half-decayed white trees and rank sedge, it has bleak walls and vacant, eye-like windows. Despite some discoloration from extreme age, it doesn't appear too dilapidated; the only flaw is a barely noticeable fissure zigzagging down from the roof. During a storm, though, strange creaking noises and then a low scream foretell the ominous event about to happen, and the narrator barely flees in time as the fissure widens and the house collapses behind him. FTP, name this title abode of a short story by Edgar Allen Poe.

Answer: House of Usher

5. This theory offered a new approach to practicing theoretical physics. An invariant signifies symmetry, so analyzing a gauge field mathematically constructed to maintain the local invariance would yield the properties of particles that would exhibit that field. One of its discoverers tried to generalize gauge invariance by developing a symmetric equation for the strong force. FTP, name this gauge theory that proposes that force is the way in which global and local symmetries communicate with each other.

Answer: Yang-Mills theory

6. Begun in its founders' kitchen in 1980, it later moved to a larger facility in Oakhurst, California, and then to its present home in Washington. Drawing on the talents of designers like Lori and Corey Cole, Jane Jensen, and the Two Guys from Andromeda, it has produced such classic games as *Shivers* and *Freddy Pharkas, Frontier Pharmacist*. FTP, name this computer game company that created *Half-Life*, *Gabriel Knight*, and *King's Quest*.

Answer: Sierra On-Line

7. Though William Whewell coined the actual word for it in 1832, James Hutton first developed the idea, which is often restated as "The present is the key to the past." By observing current forces at work on the earth, proponents of this philosophy claim the same forces have always been at work and the earth can therefore be analyzed based on that assumption. FTP, identify the belief that biological and geological changes occur gradually and naturally over a long period of time.

Answer: uniformitarianism

8. When a young child gives him sage advice on how to climb a tree with his bulky sack of wisdom, he upends the sack in disgust, bringing wisdom into the world. Often cast as the opponent of the sky god, he tricks him into allowing disease to enter the world. With the help of his wife Aso, he captures four elusive creatures to win the sky god's stories. FTP, name this West African trickster god.

Answer: Anansi (prompt on Spider)

9. He was a prolific poet and essayist and also an amateur astronomer, archaeologist, and philosopher. Naturally, he is primarily remembered for something completely different: his music. Many of his works reflect his extensive travels, such as his "Caprice Arabe" and his fifth piano concerto, nicknamed the Egyptian. Liszt called him the greatest organist ever, and his third symphony, called the "Organ," is the best remembered of his symphonies. FTP, name this conservative French composer of *Carnival of the Animals*.

Answer: Camille Saint-Saens

10. Matthew Prior and Charles Montague wrote a book entitled *The Town Mouse and the Country Mouse* ridiculing this poem for the silliness of animals experiencing theological controversy. The poem's third part, which asserts that the work is no more than a fable, contains two fables itself: one about swallows and one about the love of a pigeon and a buzzard. FTP, name this satirical 1687 poem, the longest original verse by John Dryden.

Answer: *The Hind and the Panther*

11. He experimented with hypnotism in several surgical cases and helped introduce the microscope in the study of cancer. Better known for his neuroscience research, he explained a patient's speech aphasia by pointing out a lesion on the brain; for this reason the left frontal region of the brain largely responsible for controlling articulate speech is now named for him. FTP, name this French neuroscientist whose namesake area of the brain works closely with Wernicke's area.

Answer: Paul Broca

12. Set in an unspecified Latin American country, this novel chronicles three generations of the Trueba clan. Esteban's fiancée Rosa dies from poison that was probably meant for her father, and her sister Clara marries Esteban nine years later. When their daughter Blanca sleeps with the son of Esteban's foreman, Clara defends her; when Esteban strikes her, Clara never speaks to him again. Esteban rises from poverty to become a senator, but the kidnapping of his granddaughter Alba makes him finally realize what is important to him. FTP, name this debut novel of Isabel Allende.

Answer: *House of the Spirits*

13. It lies on the mouth of the Bou Regreg River just across from the town of Sale, but due to the clogging of the river's mouth with silt it is no longer a major port. One of its nation's four imperial cities, it was founded by Abd al-Mu'min to serve as a camp for his army during the jihad. The third Almohad sultan, Abu al-Mansur, built the wall around the city and erected the tower of Hassan. FTP, name this West African city, the capital of Morocco.

Answer: Rabat

14. The steel container serves as the cathode, while large graphite blocks immersed in the solution serve as the anodes. Aluminum oxide is dissolved in molten cryolite at about 950 degrees Celsius. The released oxygen reacts with the carbon anodes to form carbon dioxide, while the molten aluminum settles to the bottom of the box and is periodically extracted. FTP, name this process developed independently in 1886 by an American and a Frenchman, which still produces about 15 million metric tons of aluminum today.

Answer: Hall-Heroult process

15. Since Georgia itself could not be sued because of the 11th Amendment, the defendant in this case took its name from an earlier grant made by the Georgia legislature. The decision upheld the Supreme Court's power to revoke state laws that conflict with the Constitution. Specifically, the Court under John Marshall ruled that the Georgia legislature could not revoke its grant of 35 million acres in the Yazoo River country even though the grant was secured by bribery. FTP, name this 1810 Supreme Court case.

Answer: Fletcher v. Peck

16. His career began with a defeat of the Persians at Daras. During the coup against his emperor, he led troops in a massacre of thousands at the Hippodrome. After several years of fighting in 533, he managed to enslave most of the Vandals and break the power of the tribe. Despite these accomplishments, Justinian I had him imprisoned on charges of conspiracy in 562 and he died three years later. FTP, name this Byzantine general.

Answer: Belisarius

17. Philip Schleidemann hastily declared it in 1918 to prevent a communist revolution as the government collapsed. In one of the most devastating inflation crises of the 20th century, the country's currency fell from 162 to the dollar to more than 4 trillion to the dollar between 1922 and 1923. Although it stabilized under Chancellor Gustav Stresemann, the Great Depression hit it harder than most other European nations, resulting in increased membership in extreme political parties like the National Socialists. FTP, name Germany's system of government from 1919 to 1933.

Answer: Weimar Republic

18. Its name refers to the belief that its meaning would be hidden until someone in the unspecified future could correctly interpret it. It includes the quote "Let us now praise famous men." Jerome first brought it to common attention around 382 CE when he noticed that the Alexandrian version of the Scriptures had fourteen books that the Palestinian version lacked. FTP, name this section of the Old Testament usually included in Catholic Bibles but not in Protestant.

Answer: Apocrypha

19. Founded in 1980, the government hated this organization so much that it imposed martial law and outlawed it in 1981. When it was relegalized in 1989, one of its members became premier, marking the first time a non-Communist had led an Eastern European Communist nation. Its founder won the Nobel Peace Prize in 1983. FTP, name this independent trade union founded by everyone's favorite Pole, Lech Walesa.

Answer: Solidarity or Solidarnosc

20. In the extreme right foreground is dark water, bordered by green hills set here and there with trees. On the hills stand battlements, the closest ones partially obscured by the tall grass, but those further back

are clearly defined, sprawling and white. At the top of the painting is the sky, swirling with clouds. Light near the top, it darkens as it approaches the skyline of the title city, which crowns the top of the hill. FTP, identify this El Greco painting. (LC)

Answer: View of Toledo

21. Popular during the 12th and 13th centuries, it was actually a method of teaching and not a religious doctrine. Most of its practitioners were university professors, which gave it its name. Bernard of Clairvaux was its avowed opponent, as he believed God should be worshipped merely because he was God. FTP, name this medieval school that attempted to understand Christian doctrine through philosophy, founded by St. Anselm and adhered to by Pierre Abelard.

Answer: scholasticism

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Bonus Questions

1. I refuse to write opera questions on general principle. However, it's probably not fair to skip out on choral music altogether, so you are the proud recipients of a bonus about pre-Baroque choral composers. Identify them FTSNOP.

- a) This 16th-century Italian wrote over 100 masses and 177 motets, but his fame today largely rests on his mass *Missa Papae Marcelli*, dedicated to the short-reigning Pope Marcellus II.

Answer: Giovanni Palestrina

- b) Of this Flemish composer's masses, 20 survive in their entirety, including *Missa pange lingua*. He was Martin Luther's favorite composer and is often considered the greatest of the Renaissance.

Answer: Josquin Desprez

- c) This Frenchman's *Messe de Notre Dame*, probably composed around 1363, is the first 4-part polyphonic mass by a known composer.

Answer: Guillaume de Machaut

2. Answer the following about entropy FTPE.

- a) This property of a contained gas is calculated by dividing the factorial of the total number of molecules by the product of the factorial of the molecules on the left side of the container and the factorial of the molecules on the right side. It is often abbreviated with the letter W.

Answer: multiplicity

- b) This law states that the entropy of a system equals a constant "k" times the system's multiplicity.

Answer: Boltzmann's law

- c) If the total number of molecules is very large, its factorial is difficult to calculate. This approximation states that the log of n factorial equals quantity n times log n, minus n, and is often used in calculating entropy.

Answer: Stirling

3. Name the poem from opening lines FTPE, or FFPE if you need the author.

- a) (10 points) "If I should die, think only this of me: That there's some corner of a foreign field That is forever England."

(5 points) Rupert Brooke

Answer: *The Soldier*

- b) (10 points) "That is no country for old men."

(5 points) W. B. Yeats

Answer: Sailing to Byzantium

- c) (10 points) "Because I do not hope to turn again Because I do not hope Because I do not hope to turn Desiring this man's gift and that man's scope I no longer strive to strive towards such things."

(5 points) T. S. Eliot

Answer: Ash Wednesday

4. You know you love graph theory. Let E be a graph and answer these questions about it FTPE.

- a) Give the term for a path that travels through all the vertices of E exactly once.

Answer: Hamiltonian path

- b) If the edges of E can be drawn so that none of them cross each other, it can be described by this adjective.

Answer: planar

- c) In relation to a vertex V , this term denotes any vertex that can be reached by traveling exactly one edge from V to reach it.

Answer: neighbor

5. FTPE, answer these questions about everyone's favorite organ – the pancreas.

- a) These isolated areas of tissue are responsible for producing insulin and glucagon. Name these parts of the endocrine pancreas named for the short-lived German anatomist who discovered them.

Answer: islets of Langerhans

- b) Name the cells that produce digestive enzymes.

Answer: acinar cells

- c) The flow of pancreatic salts and enzymes increases when there is food in the small intestine. What nerve is responsible for this?

Answer: vagus nerve

6. Answer these questions about polymer chemistry FTPE.

- a) This phrase refers to the number of repeating units in a polymer chain.

Answer: degree of polymerization

- b) This word describes a head-to-tail configuration in which the functional groups are all on the same side of the polymer chain.

Answer: isotactic

- c) The opposite of isotactic, this word describes a molecule whose functional groups alternate on either side of the polymer chain.

Answer: syndiotactic

7. If you're the kind of person who starts a book, gets 5 pages into it, decides it sucks, and never picks it up again, this bonus is for you. Identify the American novels from first lines FTPE, or FFPE if you need the author.
- a) (10 points) "A throng of bearded men, in sad-colored garments and gray, steeple-crowned hats, intermixed with women, some wearing hoods and others bare-headed, was assembled in front of a wooden edifice, the door of which was heavily timbered with oak and studded with iron spikes."
- (5 points) Nathaniel Hawthorne
- Answer: The Scarlet Letter
- b) (10 points) "It was a feature peculiar to the wars of colonial America that the toils and dangers of the wilderness were to be encountered before the adverse hosts could meet."
- (5 points) James Fenimore Cooper
- Answer: The Last of the Mohicans
- c) (10 points) "The cold passed reluctantly from the earth, and the retiring fogs revealed an army stretched out on the hills, resting."
- (5 points) Stephen Crane
- Answer: The Red Badge of Courage
8. My German lit class spent hours analyzing the symbolism of the various authors and literature mentioned in *The Sorrows of Young Werther*. Fortunately, all you need to do for this bonus is identify them from descriptions FTPE.
- a) In the beginning of the novel, Werther "lulls his agitated blood into quiet" by reading this Greek epic poet.
- Answer: Homer
- b) While he is head over heels in love with Lotte, they discuss the merits of this 3rd century Scottish poet. Unbeknownst to them, he never actually existed but was a creation of another Scotsman, James MacPherson.
- Answer: Ossian
- c) At Werther's suicide, this 1772 bourgeois tragedy by G. E. Lessing is found open on his desk.
- Answer: Emilia Galotti
9. Name these characters from Aldous Huxley's *Brave New World* FTPE.
- a) He is the Shakespeare-loving man from the New Mexico reservation who wants to see the new world. Sucked to be him.
- Answer: John the Savage
- b) Like the Savage, he is a misfit in society. For his differences he is exiled to Iceland to live with other discontented Alphas.

Answer: Bernard Marx

- c) This woman falls in love with the Savage, but when she tells him she wants to have sex with him he treats her like a prostitute.

Answer: Lenina

10. Identify these World War II-era documents FTPE.

- a) The product of a secret meeting between Roosevelt and Churchill, this 1941 document affirmed the rights of a people to choose their own government and to regain governments abolished by dictators.

Answer: Atlantic Charter

- b) This 1938 agreement gave Hitler the Sudetenland, which he promised would be his last territorial claim in Europe.

Answer: Munich Agreement or Pact

- c) Multiple versions of these laws were passed in 1935, '36, '37, and '39. They were intended to keep the U.S. out of another world war, but the final law clearly gave preference to the Allies in arms sales.

Answer: Neutrality Acts

11. Answer the following about happenings in the Gilded Age FTPE.

- a) On Black Friday in 1869, two conniving financiers bid the price of gold higher and higher until the Treasury deflated their scheme by releasing gold. Name both men FTPE.

Answer: Jay Gould and Jim Fisk

- b) This railroad company hired itself to build the Union Pacific Railway and bribed Congressmen to keep quiet. The scandal was broken in 1872 and found to reach all the way to the vice-president.

Answer: Credit-Mobilier

- c) In 1876 the Senate voted unanimously to impeach Grant's Secretary of War, who had made about \$24,000 selling the privilege of disbursing supplies. Name him.

Answer: William Belknap

12. Identify these Mexican leaders FTPE. (AL)

- a) He served as president from 1884 to 1911 and favored wealthy landowners and industrialists.

Answer: Porfirio Diaz

- b) In 1911, the revolutionary forces took Ciudad Juarez, forced Diaz to resign, and declared this man president.

Answer: Francisco Madero

- c) Madero's regime faltered from the start and on February 18, 1913, after the ninth day of the ninth day of the melee known as "The Ten Tragic Days," U.S. ambassador Henry Lane Wilson and Felix Dias agreed to conspire against Madero and install this man as president.

Answer: Victoriano Huerta

13. Name these figures of the afterlife from various mythologies FTPE.

- a) The brother of Minos, this Greek organized the Cretan Code and was Minos' fellow judge in the afterlife.

Answer: Rhadamanthus

- b) This Egyptian god weighed the hearts of the dead against the Feather of Truth.

Answer: Anubis

- c) This Welsh god was lord of Annwn, or the underworld. In a famous legend he exchanges places with Pwyll for a year and a day.

Answer: Arawn

14. Identify these categories of mental disorders FTPE.

- a) These disorders have no organic explanation. Conversion disorders fall into this category.

Answer: somatoform

- b) Mood-disturbance disorders, like depression, are described by this word.

Answer: affective

- c) This class of disorders is characterized by alteration or disturbance of memory and identity. It includes psychogenic amnesia and multiple personality disorder, and may also describe the condition known as "fugue."

Answer: dissociative

15. Answer these questions about Voodoo FTSNOP.

- a) (5 points) Give the term for a Voodoo temple.

Answer: hounfour

- b) (5 points) This word refers to a Voodoo spirit.

Answer: Loa

- c) (10 points) This pattern drawn on the ground during rituals is unique for each Loa.

Answer: veve

- d) (10 points) This is the folk tradition of Voodoo.

Answer: Hoodoo

16. Given a description of a philosophical text, name the text FTPE, or FFPE if you need an author.

- a) (15 points) This work describes the author's beliefs that God exists and that the human soul is distinct from the body. It begins with a dedication to the theology faculty at the Sorbonne, a reader's note, and a synopsis before delving into the six main parts of the work.

(5 points) Rene Descartes

Answer: Meditations of First Philosophy

- b) (15 points) This 1748 work is divided into 12 sections whose titles include "Of the Different Species of Philosophy," "Of the Origin of Ideas," and "Of Miracles." It relies heavily on the author's belief in causality and casual inference.

(5 points) David Hume

Answer: An Enquiry Concerning Human Understanding

17. Any tournament that includes trash questions would be sorely deficient without one on Doctor Demento. No, really, trust me. Identify these novelty records included on his 20th Anniversary Collection from descriptions FTPE.

- a) One of Allan Sherman's two songs on this collection, it is infamous for its descriptions of beautiful Camp Grenada.

Answer: "Hello Muddah, Hello Faddah (A Letter from Camp)"

- b) When the title character of this 1958 David Seville hit was told "I was in love with you," he replied, "Oo ee, oo ah ah, ting, tang, walla walla bing bang!" Sage advice.

Answer: "Witch Doctor"

- c) Weird Al Yankovic won a Grammy for this song, one of the most brilliant parodies of the '80s. Have some more chicken, have some more Spam, he doesn't care if it's fresh or canned, just do this.

Answer: "Eat It"

18. For your exceptional effort in answering the last toss-up, you are hereby presented with a totally mundane economics bonus. Identify the term from its definition FTPE.

- a) Additional cost of producing one additional unit of output.

Answer: marginal cost

- b) An increase in income causes a reduction in purchases of this type of good.

Answer: inferior good

- c) The cost of whatever must be given up to obtain some item.

Answer: opportunity cost

19. Given a river, name the body of water into which it empties FTPE.

- a) Po River

Answer: Adriatic Sea

- b) Yangtze River

Answer: East China Sea

- c) Ural River

Answer: Caspian Sea

20. Identify the following architects F15PE, or FFPE if you need another clue. (LC)

- a) (15 points) He was born in Ireland, in county Kilkenny. He emigrated to the U.S. in 1785 and worked in South Carolina for a time before moving on to Washington, D.C. in 1792.

(5 points) He designed the White House.

Answer: James Hoban

- b) (15 points) He volunteered for the Continental Army and became an officer of engineers, where he impressed Washington. He received several important projects, such as the remodeling of New York's City Hall.

(5 points) He is best known for his vision of Washington, D.C., a vision that his quarrels with officials and disregard for cost kept him from ever seeing.

Answer: Pierre Charles L'Enfant

21. Name these dead white males important in the years before the Civil War FTPE.

- a) During the elections of 1840 and 1844, this Ohio politician ran for president under the banner of the antislavery Liberty party. He also published the antislavery newspaper *The Philanthropist*.

Answer: James G. Bimney

- b) When the Southerners placed a gag rule on antislavery petitions in 1836, this politician nicknamed "Old Man Eloquent" fought for repeal of the rule and won it eight years later.

Answer: John Quincy Adams

- c) This Illinois representative persuaded Congress to repeal the Missouri Compromise and authored the Kansas-Nebraska act.

Answer: Stephen Douglas