

CARDINAL CLASSIC XII: Beware the Esker
Stanford University
February 2, 2002

Packet by Wisconsin (4)

Toss-Up Questions

1. He helped organize the Non-Importation Agreement and drew up the Circular Letters denouncing the Townshend Acts as taxation without representation. His prolific writings (*) helped spark both the Boston Massacre and the Boston Tea Party. FTP, who was this agitator who replaced James Otis as leader of the colonial extremists, now best known for a beer named after him?

Answer: Samuel Adams

2. He was disqualified from the 1932 Olympics for violations of the amateur athletic code, and became wealthy as a sporting goods merchant. He is better known for setting 20 world records and winning nine (*) Olympic gold medals, including two in 10,000 meter races in 1920 and 1928, as well as the 1500 meter and 5000 meter races in 1924. FTP, who was this dynamic track star known as the Flying Finn?

Answer: Paavo Nurmi

3. The request for reinforcements made to General Webb at Fort Edward is intercepted by Montcalm, forcing Colonel (*) Munro to surrender Fort William Henry. This novel's villain is Magua, who seeks revenge against Munro, but is thwarted by Uncas, his father Chingachgook, and Hawkeye, whose real name is Natty Bumppo. FTP, identify this novel by James Fenimore Cooper, the second book of the *Leatherstocking Tales*.

Answer: *The Last of the Mohicans*

4. He discovered that a small fraction of air could not be reacted with anything, but this was ignored until Ramsay later dubbed it argon. He also performed numerous other experiments, isolating in 1766 a substance he called "inflammable air," later known as (*) hydrogen. FTP, name this 18th century English scientist most famous for using torsion balance to measure the gravitational constant.

Answer: Henry Cavendish

5. Robert E. Lee suffered over 12,000 casualties and was forced to retreat across the Potomac the day following this battle. Technically a Union victory, it prompted Lincoln to issue the (*) Emancipation Proclamation. The attack was rebuffed on September 17, 1862 by McClellan at the namesake creek near Sharpsburg, Maryland. FTP, identify this bloodiest battle of the Civil War.

Answer: Battle of Antietam

6. Songs include "Who Needs Money," "Everything But Love," "Confidence," "Hey Hey" and the title song. (*) Elvis plays a lovelorn millionaire masquerading as a water ski instructor, while he attempts to woo Shelley Fabares away from playboy Bill Bixby. FTP, what is this pop retelling of The Prince and the Pauper, a 1967 film with a one-word title?

Answer: *Clambake*

7. It describes how the eyes around her had cried themselves out, and the breaths were firming themselves for "that last Onset." The speaker made a will and (*) "Signed away / What portion of me be / Assignable" and at that moment the title action occurred, interposing itself between the speaker and the light. FTP, identify this Emily Dickinson poem commonly referred to by its first line.

Answer: "I heard a fly buzz when I died"

8. This descendant of William Penn demonstrated that the properties of non-Euclidean geometry could be addressed as the geometry of three dimensions and discovered that light reflected from the retina (*) could produce an image of eye tissue. He was also the first to measure the speed of nerve impulses, and invented the ophthalmoscope in 1856. FTP, who was this German physicist who formulated the law of conservation of energy?

Answer: Hermann Ludwig Ferdinand von Helmholtz

9. Its fourth measure created New Mexico and Utah from the eastern portion of California. Its third measure was the Fugitive Slave (*) Law of the same year this series of measures was passed. Originally known as the Omnibus Bill, it was a set of five measures advocated by Henry Clay that attempted to reconcile differences between the North and South. FTP, identify the name for these five acts named for the year they were passed.

Answer: Compromise of 1850

10. The location for it was chosen when Zeus sent two eagles flying across the world and they met at this spot. Apollo slew a serpent here (*) and took its name as an epithet, and this name is an alternate name for this place. Lying on the river Cephissus, it drew people from all over the world that wanted advice or to purify their family name. FTP, name this ancient location famous for its cryptic oracles.

Answer: Delphi

11. He toured and sang with various groups until he got his break with "These Arms of Mine," recorded in 1962. He had a meteoric career with Stax Records, going on to record such hits as "Mr. Pitiful," (*) "Respect," and "Tramp." All that ended on 10 December 1967, when his airplane crashed into Lake Monona in Madison, Wisconsin. FTP, name this artist who recorded "(Sittin' on) the Dock of the Bay."

Answer: Otis Redding

12. Its title is derived from a combination of a reference in Matthew 25:6 and the punchline of a dirty joke. The setting is a tavern inhabited by derelicts such as the anarchists Larry Slade (*) and Hugo Kalmar, as well as soldiers of the Boer War. They all wait for the return of the main character for his semiannual binge at the ironically named Harry Hope's Saloon. FTP, identify this play centering on "Hickey" by Eugene O'Neill.

Answer: The Iceman Cometh

13. There are seven species of this toothless mammal in genus Manis. Growing to a length of 3 to 6 feet, they break open logs with their powerful claws and use their long, slender tongues to lap up insects. For defense, they secrete a foul-smelling liquid and curl up into a ball. FTP, what is this scaled mammal of tropical Asia and Africa, commonly called a scaly anteater?

Answer: pangolin (prompt on scaly anteater)

14. The titular king makes a promise to a certain god that he will sacrifice the first living creature he sees upon reaching shore, but it happens to be his son. Elettra (*) is glad when his son is sent to escort her home because she loves him and Ilia offers herself in Idamante's place for the sacrifice, appeasing Neptune. FTP, name this Mozart opera which takes its name from the title king.

Answer: Idomeneo

15. It contains a monk, Zosima, who expresses the author's religious views, as well as Ivan, (*) who speaks for rationalism in the story centering around the aftermath of a quarrel over Grushenka. FTP, what is this 1881 Dostoevsky novel that centers on the fraternal relationship between four men?

Answer: The *Brothers Karamazov* or *Brat'ia Karamazovy*

16. He replaced Carrera as revolutionary leader in 1813, but after his defeat at Rancagua he fled to Argentina and joined forces with San Martín. After defeating the Spaniards at (*) Chacabuco in 1817, he was named Supreme Director of his country, and declared its independence early the next year. But his reforms led to opposition and his eventual deposition and exile in Peru. FTP, who is this national hero of Chile?

Answer: Bernardo O'Higgins

17. This solution is used for the detection and estimation of weak reducing agents, especially sugars. Named after its German inventor, it is composed of copper sulfate, sodium hydroxide and potassium sodium tartarate (*) in an aqueous solution. FTP, identify this solution used to detect the presence of even small concentrations of certain sugars by a distinctive red precipitate of cuprous oxide.

Answer: Fehling's solution

18. He purchased the land for what would later become the University of Massachusetts at Dartmouth from the Wampanoag (*) chief Massasoit. He was unanimously selected to replace the deceased John Carver as the second governor of his colony. His *History of Plymouth Plantation* gives us much of what we know about the voyage of the *Mayflower*. FTP, name this Pilgrim leader and host of the first Thanksgiving.

Answer: William Bradford

19. One may become a dhimmi and pay a poll tax in order to avoid the consequences of this. It may be fulfilled in four ways: by the heart, (*) tongue, hand, or sword, and it is followed by all Sunni Muslims. The Imami and Ismaili Shiites are forbidden from waging hostile ones, but that hasn't stopped Osama bin Laden for calling for one against the U.S. FTP, identify this word that signifies the Islamic holy war.

Answer: jihad

20. It consisted of a bass melody line performed by cello, viola da gamba, or bassoon; and an improvised harmony on harpsichord, organ, harp, or lute. It emerged circa 1600 as part of monody, involving a radically new kind of song with simple melodies and harmonies. FTP, identify this two-word system of musical accompaniment in the Baroque era.

Answer: basso continuo

21. In January, the UCLA library paid a record \$1.1 million for her archives, documenting four art films and many fiction and nonfiction writings. Recently she has won the 2001 Jerusalem Prize and the 2000 National Book Award for (*) *In America*. FTP, name this American writer, best known for the 1966 essay collection *Against Interpretation*.

Answer: Susan Sontag

22. Previously unknown works by him are still being published thirty years after his death, the most recent being *Rings of Power*. (*) A noted literary scholar, his essay "On Fairy-Stories" includes an argument that fantasy should never be performed dramatically. FTP, name this author of *The Silmarillion*, *The Hobbit*, and *The Lord of the Rings* trilogy.

Answer: J. R. R. Tolkien

23. Their blood cells are about half the size of cattle's blood cells, and they have about 3 times as many. This increase in oxygen carrying capacity (*) makes them ideal for living in treeless uplands of elevations between 3200 m and 5400 m. Once widespread on the entire Tibetan plateau, they now are only found in the wild in remote areas. FTP, name this herd mammal with a three-letter name.

Answer: yak

24. This man studied under Ammonius Saccas until he joined with the Emperor Gordian on an expedition to Persia. His philosophical beliefs were written down in nine volumes, (*) which were later transcribed and edited by his pupil Porphyry. FTP, identify this philosopher who wrote the *Enneads* and was the founder of Neo-Platonism.

Answer: Plotinus

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Bonus Questions

1. Identify the following parts of a flower FTPE.

- a) This is the female reproductive structure, consisting of the stigma, the style, and the ovary.

Answer: pistil

- b) This structure consists of a slender stalk called the filament, which supports the anther where pollen forms.

Answer: stamen

- c) The collective name for this flower part is the corolla. They are usually bright in color, which attract animals that carry out pollination. I guess you could say it's the pretty part of the flower.

Answer: petals

2. Identify these members of George Washington's first cabinet FTPE.

- a) secretary of state

Answer: Thomas Jefferson

- b) secretary of the treasury

Answer: Alexander Hamilton

- c) secretary of war

Answer: Henry Knox

3. Identify these British poet laureates from descriptions FTPE.

- a) This recent poet laureate wrote such collections as *Birthday Letters* and was married to Sylvia Plath.

Answer: Ted Hughes

- b) Satirized in Alexander Pope's *The Dunciad*, this sorry excuse for a poet laureate wrote such plays as *Love's Last Shift* and *The Non-Juror*, an adaption of *Tartuffe*.

Answer: Colley Cibber

- c) This famous poet laureate penned such works as *Crossing the Bar* and *In Memoriam, A.H.H.* He is also famous for the poem *Ulysses*.

Answer: Alfred, Lord Tennyson

4. Given a British work about an ideal world, identify its author FTPE.

a) *Erewhon*

Answer: Samuel Butler

b) *Utopia*

Answer: Thomas More (accept no less than More... ha ha ha!)

c) *The New Atlantis*

Answer: Francis Bacon

5. Identify the following phases of meiosis FTPE.

a) In this section of prophase I, genetic recombination occurs. Since it occurs during the four-strand stage, each recombination generates two recombinants and two parentals.

Answer: pachynema or pachytene

b) This phase finds individual chromosomes consisting of two sister chromatids aligning in the cell's center. There are no homologous chromosomes in a given cell since they have already separated into different cells.

Answer: metaphase II

c) This is the final stage of prophase I in which the chiasmata have terminalized.

Answer: diakinesis

6. Identify these members of Les Six from works FTPE.

a) *Pacific 231*

Answer: Arthur Honneger

b) *The Breasts of Tiresias*

Answer: Francois Poulenc

c) *The Creation of the World*

Answer: Darius Milhaud

7. Works of literature FTPE.

a) In this novel, the "weaver of Raveloe" is a miser whose heart is softened by raising an abandoned girl.

Answer: Silas Marner, or the Weaver of Raveloe

b) Wilfred is in love with Rowena, and even rejects the kinder Rebecca for her.

Answer: Ivanhoe

c) This Shakespeare play contains the sprite Ariel and the monster Caliban.

Answer: *The Tempest*

8. Name these stars FTPE.

- a) It lies at the tail of Cygnus, which runs a parallel route south of the Milky Way. It is also incorporated into the Northern Cross and Summer Triangle.

Answer: Deneb

- b) With a name meaning "Like Mars," it glows red at the heart of Scorpio and is surrounded by a nebula blown from its surface.

Answer: Antares

- c) The fourth brightest star in the sky behind Sirius, Canopus, and Alpha Centauri, it is the alpha star of Bootes.

Answer: Arcturus

9. Answer the following about the triple alliances FTSNOP.

- a) Identify its members FFPE.

Answer: Germany, Italy, Austria-Hungary

- b) Identify the three members of the Triple Entente formed in 1907 FFPE.

Answer: United Kingdom, France, Russia

10. Name the Byron poem from which the following lines are taken FTPE.

- a) "Let us have wine and women, mirth and laughter, sermons and soda water the day after."

Answer: Don Juan

- b) "War, war is still the cry, War even to the knife."

Answer: Childe Harold's Pilgrimage

- c) "The good old times – all times when old are good – are gone."

Answer: *The* Age of Bronze

11. Identify the following about Christ's crucifixion FTPE.

- a) Christ's last words, "My God, why hast thou forsaken me," were spoken in this native language of his.

Answer: Aramaic

- b) Identify the two thieves that were to be crucified with Christ FTPE.

Answer: Barabbas and Dismus

12. Identify the artists of the following works FTPE.

- a) *Massacre at Chios, Liberty Leading the People*

Answer: Eugene Delacroix

- b) *Deposition of Christ; Christ on His Way to Calvary; Supper at Emmaus*

Answer: Michelangelo Merisi da Caravaggio

- c) *Sunlight in a Cafeteria; Night Hawks*

Answer: Edward Hopper

13. Identify the following about chemical bonding FTPE.

- a) This is a type of bond in which electrons are shared between two atoms.

Answer: covalent bond

- b) This is a type of bond in which one atom donates electrons to another and an attraction results due to a difference in charge.

Answer: ionic bond (do not accept doric or corinthian bonds)

- c) This is a type of bonding in which a ligand or ligands bond to a centrally-located metallic atom, such as iron in hemoglobin or magnesium in chlorophyll.

Answer: chelate

14. Name these antebellum American military conflicts FTPE.

- a) These three wars against a Florida Indian tribe saw a military campaign by Andrew Jackson and the dynamic leadership of Osceola.

Answer: Seminole Wars

- b) This 1838-39 boundary dispute between Maine and New Brunswick saw no actual bloodshed.

Answer: Aroostook War

- c) This Hispanic revolt in Texas began with the capture of Brownsville in 1859.

Answer: Cortina's War

15. Identify the authors of the following works of science philosophy FTPE.

- a) *The Structure of Scientific Revolutions*

Answer: Thomas Kuhn

- b) *The Logic of Scientific Discovery*

Answer: Karl Popper

- c) *Language, Truth, and Logic*

Answer: Alfred Jules Ayer

16. Identify these animals from Norse mythology FTPE.

- a) This primordial cow licked Ymir out of a block of ice.

Answer: Audhumla

- b) This squirrel of strife runs up and down Yggdrasil and talks smack to everyone.

Answer: Ratatosk

- c) This is Freyr's mount, a golden boar.

Answer: Gullinbursti

17. Name the following figures in modern English literature who have a connection with the Indian subcontinent FTSNOP.

- a) This Indian dude wrote the entirely ridiculous novel *A Suitable Boy*.

Answer: Vikram Seth

- b) This Indian author won the Booker Prize with *The God of Small Things*.

Answer: Arundhati Roy

- c) This German-born British novelist's work *Heat and Dust* was made into a successful Merchant-Ivory film.

Answer: Ruth Prawer Jhabwala

18. Identify the following related scientific terms FTPE.

- a) The curve whose equation in polar coordinates is r equals a times θ .

Answer: Archimedean spiral (accept equivalents)

- b) The specific form of bacteria responsible for yaws and syphilis.

Answer: spirochete

- c) A filamentous green algae that often appears as a scum on still water, it also names a 1970s jazz group.

Answer: spirogyra

19. *Titanic* is the US domestic box office champion, but only if you don't take inflation into account; then it's #7. For 5 points each, list the top 6 US box office films of all time, adjusted for inflation. Hint: all of them are at least 20 years old.

Answer: Gone With the Wind, Star Wars, The Sound of Music, E.T. - The Extraterrestrial, The Ten Commandments, Jaws

20. Name the following about a current reapportionment dispute FTPE.

- a) Following the 2000 census, this western state fell 857 people short of getting another seat in Congress.

Answer: Utah

- b) In 2002, Utah appealed to the Supreme Court to win the seat of this other state on the grounds census takers used estimation in their counts that unfairly benefited it.

Answer: North Carolina

- c) Earlier, Utah had argued that missionaries of this religion living overseas should have been counted as residents.

Answer: Mormon or Church of Jesus Christ of Latter-Day Saints

21. Name the country from a description of its 1848 revolution FTPE.

- a) This nation's King Frederick Wilhelm IV rode through the capital under a black, red, and gold flag to symbolize unity with certain of its neighbors.

Answer: Prussia

- b) This nation's King Frederick VII convened the March Cabinet which abolished the absolute monarchy the next year.

Answer: Denmark

- c) In this nation, the Second Republic was established and King Louis-Philippe deposed.

Answer: France

22. 30-20-10, identify the author of the following works.

- a) (30 points) *The Terrible Old Man, The Outsider, In the Walls of Eryx*
b) (20 points) *The Picture in the House, The Crawling Chaos, The Lurking Fear*
c) (10 points) *Cool Air, The Whisperer in Darkness, The Shadow Out of Time*

Answer: H. P. Lovecraft

23. FTPE, answer the following about certain mnemonics in basic physics.

- a) Give the collective name for the mnemonics relating the direction of motion, the magnetic flux and current in electrical machines.

Answer: Fleming's rules

- b) Name the type of machine to which Fleming's left hand rule applies.

Answer: electric motor

- c) In Fleming's rule for an electric generator, which finger indicates the direction of magnetic flux?

Answer: forefinger (accept equivalents)

24. Identify the following groups of people who are often examined in the social sciences FTPE.

- a) This group, which has a homeland in northern Roraima of Brazil's Amazon basin, has been studied extensively, in large part because of their isolation from western society.

Answer: Yanomamo

- b) Living in the Kalahari desert, they are a prototypical hunter-gatherer society. The ethnography *Nisa* gives an account of their lives.

Answer: !Kung San (accept either name)

- c) Due to their dispersion for the purposes of slavery and its evolution into Voodoo, the religion of this people of Nigeria and Benin is often studied and their system of divination was explained by William Russell Bascom.

Answer: Yoruba

25. Name the following about the history of California FTPE.

- a) This Franciscan friar founded the first European settlement in California, San Diego, in 1769.

Answer: Blessed Junipero Serra

- b) 1846 saw this short-lived independence movement in the Sacramento Valley.

Answer: Bear Flag Revolt

- c) This Georgian was elected President of California on July 5, though he failed to win the U.S. Presidency several years later.

Answer: John Charles Fremont

26. In the original "Austin Powers" film, Dr. Evil had seven evil henchmen, not including Number Two and Random Task, before he started pushing buttons and sending them to fiery deaths. FFPE, name any six of his seven evil henchmen.

Answers: Generalissimo, Rita, Jurgen, Patty O'Brien, Frau Farbissina, Mustafah, Don Luigi