

Playoff Round 2: This Packet was Written in Haste!

Written by: Men in Rubber Boobs

1. Obtained by the distillation of salts of organic acids, they can undergo condensation reactions to form oximes. Levels of these molecules in urine can be important in diagnosing diabetes, and unlike the aldehydes, they are not easily oxidized to carboxylic acids and do not affect Fehling's solution or Tollen's reagent. Containing a carbonyl group attached to two carbon radicals, FTP, name this class of organic molecules that contain a double-bonded oxygen atom in-between two carbon chains.

Answer: Ketones

2. He seized Locri Epizephyrii, but his replacement Pleminius was so incompetent that he received severe criticism. He won a striking victory at Ilipa and at Magnesia he defeated King Antiochus. Marcus Naevius accused him of offering too lenient terms to Antiochus and he was eclipsed after he tore up incriminating documents in court. He was able to drive the Carthaginians out of Spain after the battle of Baecula where he defeated Hasdrubal. For 10 points, name this Roman general who defeated Hannibal.

Answer: Scipio Africanus Major

3. After a stint in the Marines, he became a part-time newscaster at WVON in Chicago when he developed his idea for a nationally syndicated television show. His idea captured the attention of Johnson Products executives, forging a partnership with the Afro Sheen product line to sponsor what would become America's longest-running African-American dance program. For 10 points--name this long-time host and executive producer of *Soul Train*.

Answer: Don Cornelius

4. The titular hero is ultimately revealed to be the long lost son of Don Rodrigo, a South American dignitary. This new found respectability finally allows him to bypass Sir Timothy Thicket and Lord Quiverwit in an effort to win the love of Narcissa. Always accompanied by Hugh Strap, the novel begins with the hero sailing out to sea as a surgeon's mate. FTP identify this 1748 work modeled on Gil Blas and written by Tobias Smollett.

Answer: The Adventures of Roderick Random

5. He killed Stymphalus at a banquet and earlier murdered Myrtilus, the man who helped him gain his wife, Hippodamia, by rigging a chariot with wax. This treachery can best be understood in light of his own youth which involved being boiled back to life after being served at a banquet to the gods by his father Tantalus. FTP identify this mythological figure with an ivory shoulder, the father of Atreus and Thyestes.

Answer: Pelops

6. In a case of newer is not always better, the American Society of Clinical Oncology recommended in May 2002 against aromatase inhibitors, which appear to be slightly more effective in warding off recurrence, in favor of these tried and true drugs. Used for two decades in breast cancer prevention, for 10 points, name this estrogen blocking drug.

Answer: tamoxifen

7. 1,049 square miles of land behind this city, known as the Specified Areas, is roughly a trapezoid, with the Margala Hills, in the north and northeast, and the Kurang River with the Rawal Dam in the south. Partly designed by men like Konstantinos Doxiádes, Edward Durell Stone, and Gio Ponti, its People's Open University, later renamed the Allama Iqbal Open University, opened in 1974. Located on the Potwar Plateau northeast of Rawalpindi, it became capital after Karachi was deemed unsatisfactory. For 10 points, name this designed capital of Pakistan.

Answer: Islamabad

8. In his *Facundo* Domingo Sarmiento criticizes the romanticized vision of this literary movement's namesake figures. Estanislao de Campo's *Fausto* presents a satirical look at the life of a payador (pa-ga-dore), while Acasubi's *Santos Vega* is usually considered the first important work in the movement. But these works take a backseat to Guiralde's *Don Segundo Sombra* and Jose Hernandez's *Martin Fierro*. FTP identify this loosely connected literature tied together by its focus on the Argentine cowboys of the pampas.

Answer: Gauche literature

9. It was first discussed in a 1912 article, after the author had gotten of a train at Frankfurt with a stroboscope and moved on to the University's tachistoscope. By flashing two lights successively the experimenter found that the speed of the flash determined how these lights were perceived or misperceived. FTP identify this transposition, an occurrence described in the work "Experimental Studies of the Perception of Movement," which led Max Wertheimer to begin the studies that would form the basis for Gestalt psychology.

Answer: phi-phenomenon

10. They derived inspiration from Richard Bonington in England. Charles-Emile Jacque and Jules Dupre were lesser members. Constant Troyon painted placid landscapes with cows, Charles-Francois Doubigny preferred to paint from a boat on the Seine and Oise, and Narcisse-Virgile Diaz liked to paint story scenes with vigorous brushwork. For 10 points, name this group of French painters who took their name from a small village on the outskirts of the Forest of Fontainebleau where its leader, Theodore Rousseau settled in the 1840's.

Answer: Barbizon School

11. Dominican Nicolas Eymeric used his experience to author a famous directive for it. It issued 3 edicts against the Alumbrado mystics and arrested Bartolome de Carranza, but found his work sound. Institutionalizing the persecution of the Marranos, more than 300 were burned in its first year of existence. Begun by Sixtus IV in 1478, it was not dissolved until 1820. For 10 points, name this attempt at religious reform, most famously led by Fray Tomas Torquemada.

Answer: Spanish Inquisition

12. Pope Pius XII declared this doctrine dogma for Roman Catholics in 1950 in the apostolic constitution *Munificentissimus Deus*. Art showing this event shows the main figure surrounded by a mandorla, or almond-shaped aureole, until the 16th century when it was replaced by a cluster of clouds. Originating in the Byzantine church, this event is not explicitly stated in the Bible. For 10 points, name this celebration of August 15 that commemorates Mary's entrance into heaven.

Answer: Assumption

13. It is utilized to develop variable wave plates found in high-speed camera shutters. Similar to photoelasticity, this effect can be quantified, as its discoverer realized that it is caused by a change in the index of refraction of a substance that is equal to the wavelength of the light times the electric field squared times a namesake constant. The first electro-optical effect discovered, this is, FTP, what effect named after a Scottish physicist, which explains the development of birefringence, or double images, when a transparent substance is put in an electric field?

Answer: Kerr Effect (accept Kerr Cells before "this effect.") (accept quadratic electro-optical effect before "Scottish physicist," prompt otherwise)

14. Will Freeman is a 36 year-old terminally single Londoner, who lives off of the royalties that his father's Christmas song brings in annually. He decides that the easiest way to meet eligible women is to feign

having a son and attend single parent support group meetings. There he meets Fiona, whose song Marcus is chronically uncool, so Will becomes paternal figure to him, all while trying to decide if he loves Fiona. This is, for 10 points, the essential premise of what 2002 Toni Collette/Hugh Grant film eagerly awaited by Paul Litvak.

Answer: About a Boy

15. After a fire at the end of Act II, the decision to replace the orphanage with a half-way house for sailors has been made. Though the protagonist has returned from abroad to seek the hand of the maid Regina, she actually turns out to be his sister, probing Parson Manders' faith in the morals of his father dead wrong. FTP identify this play about the Alving family whose title refers to the specter of syphilis.

Answer: Ghosts

16. The Ericoid type is usually found in acidic soil with low mineral content. The arbuscular type generally uptakes minerals like phosphorus. The prefix ecto implies that a certain part of the host is completely sheathed in hyphae. They are vital to many plants, as they help to increase the amount of nutrients that can be absorbed. FTP, name these structures, part of a symbiotic relationship between fungi and the roots of plants.

Answer: Mycorrhizae

17. It was even called the 'epic of the Race' by the historian Sir Charles Crosthwaite. Women and children were killed at Bibi-Ghar after troops under Henry Wheeler had withdrawn from Cawnpore. More famous is the siege of Lawrence at Lucknow. For 10 points, name this rebellion over the use of Enfield cartridges greased with pig and cow fat, a major trouble in India.

Answer: Sepoy Mutiny

18. Many of this man's articles appeared in the journal Transactions; these include "On the Art of Cutting Metals" and "Notes on Belting." Though he retired by the age of 45 his expertise gained at the Bethlehem Steel Corporation made him a prominent figure after a series of hearings before congress in 1912. But he is most famed for his espousal of close observation and the elimination of wasted time during the work-day. After incorporating these ideas at Midvale plant, FTP, what former engineer helped regulate mass production and became known as the father of "scientific management."

Answer: Frederick Winslow Taylor

19. First and last names the same. One is the current president of the International Brotherhood of Electrical Workers, another is a five-time Oscar-winning movie score composer, perhaps most noted for his work on the Connery-era Bond films, while a third is an Irish-born Philadelphian, who is considered to be the father of the United States Navy, serving as that service's first commodore. For 10 points--all of these figures share what name, which also names a current Pistons' backup guard.

Answer: John Barry

20. In the elegy *What hope for us remains now he is gone?* He commemorated his mentor Matthew Locke. He composed music for Nathaniel Lee's *Theodosius* and his anthem "Hear My Prayer, O Lord" may have been created for the king's funeral. Educated by John Blow, he succeeded Blow to be organist at Westminster Abbey. For 10 points, name this composer of *Odes for St. Cecilia's Day*, *The Indian Queen*, and *Dido and Aeneas*.

Answer: Henry Purcell

21. Important cities on its edges include Bujumbura, Kalemie, Ujiji, and Kigoma and it is fed by the Malagarasi, Ruzizi, and Kalambo rivers, the latter having one of the highest waterfalls in the world.

Flowing into the Lukuga River which in turn flows into Lualaba river, this brackish lake at the end of the Great Rift Valley is the second deepest in the world and the second largest in Africa. For 10 points, name this longest lake in the world.

Answer: Lake Tanganyika

22. This man's poems "The Scourge of Villainie" and "The Metamorphosis of Pigmalious image were satires based on an England ruled by James I. Though his tragedy *Sophonisba* is rarely read it provides more plot than his early revenge tragedies like *Antonio and Melida*. His best known play features the character Freevil who wants to abandon the foreign title character, Franceschina. FTP identify this dramatist and writer of *The Malcontent* and *The Dutch Courtezan*.

Answer: John Marston

23. It was first outlined on May 22, 1964 as a part an address at the University of Michigan as "A place where men are more concerned with the quality of their lives than the quantity of their goods." It would later come to include The Highway Beautification Act, the National Transportation Safety Board, the Department of Housing and Urban Development, and Head Start. For 10 points, name this far-reaching group of domestic reforms, proposed by President Johnson.

Answer: The Great Society

24. The Verve Pipe did one in a self-conscious nod to their break through album's title, Mariah Carey's 1993 version told us that it "lies in you," The Foo Fighters' was a tribute to the fallen variety, Enrique Iglesias's' was the first single of his 2000 album *Escape*, while David Bowie's was covered in 1998 by The Wallflowers. All of these songs have--for 10 points--what noun in their title, the most recent example being Chad Kroeger's single from the *Spider-Man* soundtrack.

Answer: Hero

25. His first important work was the Fagus shoelace factory at Alfield built in conjunction with Adolf Meyer. They teamed up again on the Municipal Thater of Jena in 1923, and he worked with Maxwell Fry on the Impington Village College, film labs at Denham, and a house in Old Church Street, Chelsea. He joined Harvard's faculty in 1938 and while in the US he designed buildings like the Graduate Center for Harvard and the Harkness Commons. For 10 points, name this director of the Bauhaus from 1919 until 1928.

Answer: Walter Gropius

26. Sony has incorporated this technology into the Playstation 2 under the name iLink. Some predict that it will replace SCSI and USB due to its high speeds, 3.2 gigabits per second. However, USB will probably stick around because mice and keyboards will never need the high speeds that this technology, also known as IEEE 1394, can provide. FTP, name this trademark of Apple, a "hot" high-speed interface for data exchange between digital devices.

Answer: Firewire (prompt on iLink or IEEE 1394 before each is mentioned)

Bonera

1. Identify the following about a playwright and his works FTPE:

(10) Heavily influenced by trips to the Aran islands this member of the Irish Renaissance wrote such works as *In the Shadow of the Glen* and *The Well of The Saints*.

Answer: John Millington Synge

(10) Synge is well known for this depressing one act work that focuses on Bartley's decision to leave his mother Maurya to go fishing in a storm where he eventually dies.

Answer: Riders to the Sea

(10) Synge is best known for this satirical work about Christy Mahon who brags about killing his dad so he can nab Pegeen Mike away from Shaun Keogh.

Answer: Playboy of the Western World

2. Name these German theologians, for 10 points each:

(10) Known as the "Sibyl of the Rhine," she wrote *Scivias* and lots of music. In 1147 she founded her own convent in Rupertsberg.

answer: Hildegard of Bingen

(10) This most famous of German theologians wrote 95 Theses. Yes, this question is just that easy.

answer: Martin Luther

(10) His *Mysterium Magnum* is his synthesis of Renaissance nature mysticism and biblical doctrine. His *Von der Gnadenwahl*, written the same year, examines the problem of freedom, made acute at the time by the spread of Calvinism.

answer: Jakob Böhme

3. He painted works like *Night Fishing at Antibes*, *The Charnel House*, and illustrated the Surrealist periodical *Minotaure*. For 10 points each name.

(10) This Spanish artist, son of Jose Ruiz Blasco.

Answer: Pablo Picasso

(10) This African inspired work shows three prostitutes on the street in Barcelona despite its French name.

answer: Les Demoiselles d'Avignon

(10) In 1957 Picasso painted 44 variations on this Velasquez work.

answer: Las Meninas

4. She heard some voices, namely Sts. Michael, Catherine, and Margaret. For 10 points each:

(10) Name this Maid of Orleans.

answer: Joan of Arc or Jeanne d'Arc or whatever

(10) Joan helped to get this Dauphin crowned at Rheims.

answer: Charles VII

(10) Joan entered Orleans with reinforcements led by this French commander. Together they lifted the English siege.

answer: La Hire

5. Identify the psychologist from works and date of publication FTPE:

(10) *Animal Intelligence*, 1911

Answer: Edward Lee Thorndike

(10) *Principles of Physiological Psychology*, 1874

Answer: Wilhelm Wundt

(10) *The Clinical Treatment of the Problem Child: A Humanistic Approach*, 1939

Answer: Carl Rogers

6. It is located near, ironically, Mercury, Nevada. For 10 points each--

(10) What is this controversial proposed nuclear waste dump in Nevada?

Answer: Yucca Mountain

(10) In May 2002, this U.S. Secretary of Energy stated that the Yucca Mountain project may have to be expanded to handle all of the U.S. nuclear waste.

Answer: Spencer Abraham

(10) This Western tribe of Native Americans protests the use of Yucca Mountain as a waste dump in large part because it is a sacred site.

Answer: Western Shoshone

7. Answer the following about the fingertips, FTPE.

(10) Fingernails are found on fingertips. FTP, what protein are the fingernails made out of?

Answer: Keratin

(10) What is the name of the bones that comprise the fingertips?

Answer: Distal Phalanges (prompt on partial answer)

(10) The fingertips are sensitive due to a high concentration of these nerve clusters found in the epidermis and named for a German anatomist.

Answer: Meissner's Corpuscles

8. England has water. Name these British bodies of water for the stated number of points:

(10) This river rises in the Cotswolds and is England's longest.

Answer: Thames

(10) With an area of six square miles, this Cumbrian lake is England's largest.

Answer: Windermere

(10) Running from the estuary of the river Severn, it contains Lundy Island and is used to access the ports of Swansea and Cardiff as well as its namesake.

Answer: Bristol Channel

9. Identify about a literary family FTPE:

(10) The first one to be mentioned is Ab the horse thief who is featured in the short-story "Barn Burning" as well as *The Unvanquished*. Others include Clarence the senator and Ike who "loves" cows.

Answer: Snopes

(10) Perhaps the most famous Snopes is this man who marries Eula Varner and whose characterization powers *The Hamlet*, *The Town*, and *The Mansion*.

Answer: Flem Snopes

(10) In *The Town* the Snopes' get involved with the Sartoris where this man writes anonymous letters to Narcissa Benbow as he plots to rob a bank.

Answer: Byron Snopes

10. His father usurped the British throne in 1399 and in 1413 he became king of England. For 10 points each:

(10) Name this monarch known for his wild youth and subsequent conversion as delineated in some Shakespeare plays about him and his father.

answer: Henry V

(10) Henry is perhaps best known for his stunning victory over a superior French force at this 1415 battle after the siege of Harfleur.

answer: Agincourt

(10) Before his father's death Henry had played a large role in the King's Council and was supported by this chancellor.



answer: Thomas Beaufort

11. For 10 points each, name these Verdi operas from plots:

(10) At the court of Mantua a jester gets mixed up with Count Monterone and in the end his daughter gets whacked.

answer: Rigoletto

(10) Azucena kidnaps the Manrico, the son of Count Luna, and brings him up as a son. Manrico dies, Azucena is captured and no one is very happy.

answer: Il trovatore

(10) The title character loves Elizabeth Valois, but his father Philip II gets in the way. Eventually the title character is saved by dead emperor Charles V.

answer: Don Carlos

12. It is a second order approximation of the equation of state of a gas that, unlike the ideal gas law, will work even when the density of the gas is not low.

(10) Name this equation, which adds two quantities to the ideal gas law that account for molecule size and intermolecular forces.

Answer: Van Der Waals Equation

(5,5) Five points apiece, to what two gas properties are correction factors added in the Van Der Waals Equation?

Answer: Volume and Pressure (prompt on 'V' and 'P')

(10) Van der Waals also enunciated this law by finding that if one states temperature, pressure, and volume are stated as simple functions of their critical versions, the constants in a certain equation disappear.

Answer: Law of Corresponding States

13. Identify the authors of the following philosophical works on a 15-10 basis.

(15) *The Order of Things*

(10) *Discipline and Punishment*

Answer: Michel Foucault

(15) *A Pluralistic Universe*

(10) *Pragmatism*

Answer: William James



14. It was captured by the British and eventually rebuilt as a flour mill in Portsmouth, England. For 10 points each--

(10) What is this U.S. frigate, the inspiration of the motto "Don't give up the ship!"

Answer: USS Chesapeake

(10) He was the Chesapeake's mortally wounded captain in 1813, who coined that now famous line.

Answer: James Lawrence

(10) This was the British ship with which the Chesapeake was engaged when Lawrence was mortally wounded.

Answer: HMS Shannon

15. Name these mathematical paradoxes which all start with the letter S.

(10) Named after a Russian city, it concerns a game in where one wins 2 to the n dollars if a coin lands on heads the nth time. However, the expected gain is infinity, so one could wager any amount of money and come out ahead on average.

Answer: Saint Petersburg Paradox

(10) Deriving from the Greek word for "pile," it concerns the point at which a collection of an object becomes large enough to be called a pile, rather than some number of objects.

Answer: Sorites Paradox

(10) This statistical paradox is a conditions in which a group with fewer elements appears to perform better in comparison to a larger group, even though the larger group is better in absolute value.

Answer: Simpson's Paradox

16. Given the name of one guy who forms the entirety of a "band," name the band that he is, for 10 points each. Oh, and since we're nice guys, we'll give you the name of a single as well.

(10) Chris O'Connor, "Standing Outside a Broken Phone Booth with Money in My Hand"

Answer: Primitive Radio Gods

(10) Chris Carrabba, "Screaming Infidelities"

Answer: Dashboard Confessional

(10) Damon Gough, "The Shining"

Answer: Badly Drawn Boy

17. His illustrations for French books include Rabelais, the Bible, and *The Pilgrim's Progress*. For 10 points each name:

(10) This French book illustrator noted for his love of the grotesque whose work catered to a taste for the bizarre.

Answer: Gustave Dore

(10) Dore created notable illustrations for this Spanish novel.

Answer: Don Quixote

(10) He also drew the life of this German adventurer.

Answer: Baron Munchausen

18. Identify the following about an English novel 10-5-15:

(10) Told by Marlow, this work's title character finds refuge among the natives of Patusan after being disgraced when he abandons The Patna, leaving 800 Muslims to die.

Answer: Lord Jim

(5) Who wrote *Lord Jim*?

Answer: Joseph Conrad

(15) At the end of the novel Jim is killed after Chief Doramin discovers that this son has been killed by white interlopers that befriended, then deceived, the natives.

Answer: Dain Warris

19. For 10 points, name the following about Japan's largest island.

(10) Give me the name of this island whose principal cities are...duh...Tokyo.

Answer: Honshu

(10) This is the largest mountain on Honshu and also the largest in the country. It has been often depicted in art as by Hokusai.

answer: Mount Fuji

(10) The largest lake on Honshu is again the largest lake in Japan. For a final 10, name it.

answer: Lake Biwa

20. Bertie Ahern won his second five year term as Prime Minister in May 2002. For 10 points each--

(10) This center-right party, which Ahern leads, won a clear mandate from Republic voters in the election.

Answer: Fianna Fail (fee-anna fall)

(10) This 70-year old main opposition party's anemic showing against the Fianna Fail forced its leader, Michael Noonan, to resign.

Answer: Fine Gael (finn gale)

(10) This Irish Republican Army-linked Party won five seats in the 166-seat Dail [dale], though none for its leader Gerry Adams.

Answer: Sinn Fein (shin feign)

21. For 10 points each--name all of these mediums of non-oral communication.

- (10) Two flags, red and white on land, red and yellow at sea, are held in various positions to indicate various letters.

Answer: semaphore

- (10) This is the name for the shutter covered handheld lamp used to communicate Morse code between ships at sea.

Answer: Aldis Lamp

- (10) Its network speed is 0.08 bps, although one of them, Cher Ami, won the Croix de Guerre for delivering 12 messages during World War I.

Answer: carrier pigeon

22. Identify the following emperor who messed with or were messed by the Praetorian Guard, for 10 points each:

- (10) Emperor from 193 to 211, he founded a personal dynasty and converted the government into a military monarchy.

Answer: Septimius Severus

- (10) This son of a slave was emperor from January until March 193. Prefect of Rome under Commodus, Severus took this name upon accession.

Answer: Publius Helvius Pertinax

- (10) He was the first emperor to profess Christianity.

Answer: Constantine I (the Great)

23. Players, note the following list: Memphis Grizzly, former New Jersey Net, Duke Blue Devil, and Detroit Red Wing. For 5 for one, 10 for two, 20 for three, 30 for all four, given a statement, tell which of the Jason Williams that this statement applies to (statements may apply to more than one or none at all).

- (XX) Has a criminal record.

Answer: Memphis and New Jersey

- (XX) Was born in 1980.

Answer: Detroit

(Duke's Jason Williams was born in 1981)

- (XX) Wears a number in the 20s.

Answer: Detroit and Duke

- (XX) Spent entire career with team that drafted him.

Answer: None

(Detroit's Jason Williams was signed as an undrafted free agent)

24. Name these Rimsky-Korsakov works, for 10 points each:

(10) The title character lives amongst humans, but cannot love. She falls for Mizgir and, granted the ability to love by Spring, melts in the Sunlight.

answer: The Snow Maiden

(10) First produced in 1888, this work based on the *Arabian Nights* later became a ballet in Paris in 1910.

answer: Sheherazade

(10) The titular character of this 1902 opera is the wizard of Russian fairy lore who also appears in Stravinsky's *Firebird*.

answer: Kashtchey the Immortal

25. Identify the following about a Russian novel FTPE:

(10) In this 1859 work the title character, a landowner in St Petersburg, comes to represent the lazy self-indulgence of the upper classes while his friend Shtolts represents the opposite.

Answer: Oblomov

(10) Oblomov was written by this author of *A Common Story* and *The Precipice*.

Answer: Ivan Goncharov

(10) This is the name of the woman who tries to save Oblomov but eventually leaves him for Andrei.

Answer: Olga Ilinskaya (accept either name)

26. For 10 points each, name these things related to film score composer Thomas Newman.

(10) In 1999, Newman was nominated, but did not win, the Oscar for best film score for this film with tracks like "Dead Already" and "Any Other Name."

Answer: American Beauty

(10) Newman's work on *American Beauty* brought him to TV with Alan Ball, where he now does the moody score for what HBO series.

Answer: Six Feet Under

(10) Thomas Newman's cousin Randy won his first Oscar in 2001 with the song "If I Didn't Have You" from what film?

Answer: Monsters, Inc.