

Packet for College Bowl Conference Tournament IV
Round 7
Written by Steve Kaplan and Seth Teitler of UC Berkeley

Tossups

1. He has had sex with many beautiful women, some of which were quite unsavory skanks. How is this possible? He pictures a certain someone from the cast of (*) *Designing Women*. Don't know who? Think really big ass. Delta Burke. Yeah that's the one. FTP, name this Covossier drinking radio talk show host portrayed by Tim Meadows on the big screen as well as on Saturday Night Live.

Answer: Leon **Phelps** or The **Ladies Man**

2. Gigas, Daemon, and Agathodaemon were among the most often seen, and at one point it was theorized that they spelled out the (*) Hebrew letters for the name of God. Gigas corresponds to parallel rifts aligned with the great Tharsis volcanoes, while Agathodaemon turned out to be Valles Marineris. Many of the observers who saw them were convinced that they were the work of intelligent life. FTP, identify these controversial features seen by Schiaparelli and Lowell on the surface of Mars.

Answer: Martian **canals** (accept **canali**, the original word used by Schiaparelli that was mistranslated as canals)

3. This creature is born from a spherical, yolkless egg, laid during the days of Sirius by a seven-year-old rooster and hatched by a toad. In art, it symbolized the (*) devil and the antichrist, while to the Protestants, it was a symbol of the papacy. It dies instantly if it hears a cock crow. Like Medusa, the best way to kill one of these creatures is to use a mirror; they die of fright if they see their own reflection. The mythical king of the serpents, FTP name this creature whose gaze can kill.

Answer: **basilisk** or **cockatrice**

4. It was initiated during World War I in response to rapidly rising prices, especially in shipbuilding centers. (*) Categories within it include medical expenses, entertainment, fuels, food, shelter, and clothing. FTP name this index that measures the cost of a mixed bag of goods and services to give an estimate of the cost of living.

Answer: **CPI** or **Consumer Price Index**

5. Located on the Schelde or Escaut River it is connected to the southeast by the Albert Canal. Its modern system of (*) Boulevards has replaced its medieval walls. It has long been an important shipping center on the North Sea. FTP, name this Northern European city that hosted the 1920 Olympic Games, the second largest city in Belgium.

Answer: **Antwerp**

6. After returning to the United States from a sojourn in France in 1928, he published *New Found Land*, which includes one of his best-known poems, "You, Andrew Marvell." (*) In the 1930s, he became increasingly concerned about the menace of fascism, writing *Conquistador*, about the conquest and exploitation of Mexico. He also served as the librarian of Congress and assistant to the Secretary of State. Author of the poem "Ars Poetica," FTP, name this man, best known for retelling the story of Job in the play *J.B.*

Answer: Archibald **McLeish**

7. He served as governor of Massachusetts from 1780 to 1785, and from 1789 to 1793. He first gained attention in patriot circles for protesting British seizure of his sloop (*) *Liberty* after it refused to pay duties. He was a member of the Continental Congress from 1775 to 1780 and served as president of the body for two years. FTP name this American patriot whose name is synonymous with signature.

Answer: John **Hancock**

8. A lifelong friend of Bates, he helped Bates develop a theory of mimicry. Better remembered for his work in biogeography, he wrote *The Geographical Distribution of Animals*, and hypothesized an (*) imaginary line separating Asian and Australian fauna, passing through the Malay Archipelago. Like Darwin, he was influenced by Lyell and Malthus. FTP, name this English naturalist who independently developed a concept of evolution by natural selection.

Answer: Alfred Russel Wallace

9. Hamilton's quaternions under multiplication and matrices under multiplication both lack this important property. This means that (*) $ab = bc$ doesn't imply $a = c$. Groups which do have this property are called abelian. In non-abelian groups, multiplication on the left is different from multiplication on the right, because this property is lacking. FTP, identify this property which holds for addition of real numbers because $a + b = b + a$.

Answer: commutativity or commutative property

10. He supported the mass firing of striking police officers declaring, "There is no right to strike against the public safety by anybody, anywhere, anytime." When this Republican ran for (*) Vice-President his opponent on the Democrat side was Franklin Roosevelt. His father administered the Presidential Oath to him upon the death of Warren G. Harding. FTP, name this silent President from Massachusetts from 1923 to 1929.

Answer: Calvin Coolidge

11. In the upper left the legs of a trapeze performer are visible. In the lower left are four bottles of champagne that mimic the structure of the central figure. Behind that main figure is a (*) mirror that shows a barmaid leaning forward to take an order from a mustachioed gentleman. FTP, name this painting that shows a downcast barmaid at the title location, a work by Edouard Manet.

Answer: *A Bar at the Folies-Bergere*

12. He beats his second wife twice, and gets in trouble the first time because he beats her during the Week of Peace. After hearing of his son's conversion, he wonders how he, "a flaming fire could have begotten a son like (*) Nwoye, degenerate and effeminate." He is exiled for accidentally killing one of his clansmen; he returns to find his village subject to colonial laws and his tribal beliefs replaced by Christianity. He kills a British messenger, but when he finds that his clansmen will not support him, he hangs himself in despair. FTP, name this hero of Achebe's *Things Fall Apart*.

Answer: Okonkwo

13. His full name was Zahir ud-Din Muhammad, and he was succeeded by his son (*) Humayun. He claimed descent from the Mongols through his ancestor Tamerlane, and succeeded in 1494 to the principality of Fergana. Failing to recover Samarkand from the Uzbeks, he captured Kabul and established a kingdom in Afghanistan. After the governor of the Punjab invited him to overthrow the sultan of Delhi, he invaded, defeated the sultan, and captured Agra and Delhi. FTP, identify this founder of the Mughal empire of India.

Answer: Babur or Baber or Babar

14. It won victories over Waldemar IV of Denmark, gaining in the Treaty of Stralsund a virtual (*) trade monopoly in Scandinavia. Its Baltic hegemony continued through numerous wars until it was defeated by the Dutch in 1441. Rostok, Bruges, Hamburg, Danzig, and Lübeck were all important member cities. FTP, what mercantile league of medieval German towns derived its name from a word for a company of merchants trading with foreign lands?

Answer: Hanseatic League

15. The main character comes to a sanatorium at the title location to visit his cousin Joachim Ziemssen, intending to stay only three weeks, but is mysteriously attracted to the place. The discovery of a minute (*) pulmonary defect induces him to remain, and he ends up staying seven years. The sanatorium in the Swiss Alps is a scale model of Europe on the eve of World War I, and the hero, Hans Castorp, finally leaves just after the beginning of the war. FTP, name this Thomas Mann novel.

Answer: The *Magic Mountain* or *Der Zauberberg*

16. The plays are usually historical dramas or domestic situations, performed by male actors who mime the action while the lines are (*) chanted by narrators sitting to the side of the stage. It developed out of bunraku during the Tokugawa period, and catered to the tastes of the merchant class. Compared to Noh drama, it is faster moving, somewhat more realistic, and much more colorful. FTP, name this popular form of Japanese drama.

Answer: **kabuki**

17. He attempted suicide at the scene but his gun was knocked from his hand by an onlooker. His second attempt at suicide was by cyanide, but it made him retch and he vomited up the poison. He stood (*) trial but was spared the death penalty because of his age, and eventually died in prison of tuberculosis. On June 28, 1914, he succeeded where his six accomplices failed. Equipped by the Black Hand, FTP identify this Bosnian Serb student who assassinated Archduke Franz Ferdinand.

Answer: Gavrilo **Princip**

18. For processes at constant temperature and pressure, this state function determines the feasibility of a process without reference to the surroundings. A value of zero indicates a (*) reversible process, while a negative value implies a spontaneous process. Defined as $H - TS$, where H is the enthalpy, T is the absolute temperature, and S is the entropy. FTP, identify this important thermodynamic quantity, usually symbolized by a capital G.

Answer: **Gibbs free energy**

19. She married a young man named Allan, who committed suicide after she found out he was homosexual. She suffers from continual delusions of hearing (*) polka tunes and gunshots, and avoids being seen in direct light. Having recently lost her ancestral home, Belle Reve, she comes to visit her younger sister at Elysian Fields. Mitch rejects her when he finds out about her sordid past, and she willingly goes with a doctor, declaring "I have always depended on the kindness of strangers." FTP, name this sister of Stella in *A Streetcar Named Desire*.

Answer: **Blanche DuBois** (accept either name)

20. In 1872 he joined the Harvard faculty as lecturer on anatomy and physiology, continuing to teach until 1907, after 1880 in the department of psychology and philosophy, where Gertrude Stein studied psychology with him. The chief architect of (*) functionalism, his book *Principles of Psychology* is perhaps the most influential text in the history of psychology. He coined the term "stream of consciousness" to describe the flow of thoughts he wanted to study. FTP, name this American psychologist and pragmatic philosopher.

Answer: William **James**

21. [TIE-BREAKER] He was sometimes known as Orcus or Dis Pater; people were afraid to say his real name because they were afraid it might attract his attention. Black sheep were offered to this pitiless god. He was referred to as the rich one because he owned all the wealth in the ground. His wife was Proserpina, whom he kidnapped and dragged into the underworld. A son of Saturn, FTP, name this Roman god of the underworld.

Answer: **Pluto**

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Bonuses

1. For 10 points each, provide the Greek names for these important components of tragedy:

A. According to Aristotle, the tragic hero must make a mistake caused by this characteristic, his "error of judgment" or "tragic flaw."

Answer: **hamartia** [hah-mar-TAY-uh]

B. The most common hamartia is this one, from the Greek for "pride."

Answer: **hubris** [HOO-bris]

C. During the catastrophe, the tragic hero discovers a fact hitherto unknown to him. What is this moment of "tragic awakening" or "tragic recognition" called?

Answer: **anagnorisis** [ahn-NAHG-nor-EE-sis]

2. Name the following jazz pianists from clues, FTSNOP.

A. 10) He played in the Miles Davis sextet on the Bitches Brew album, and later formed Return to Forever. His love of Latin music is prevalent in much of his early work, such as the composition Spain.

Answer: Chick **Corea**

B. 5) He's played everything from bebop to free jazz, fusion, funk, pop, and hip-hop. He joined Miles Davis in 1963, and later formed the funk/rock/pop band The Headhunters. His compositions include Maiden Voyage; Watermelon Man; and Chameleon.

Answer: Herbie **Hancock**

C. 5) He studied under Darius Milhaud, and formed his namesake quartet with Eugene Wright, Joe Morello, and Paul Desmond. The quartet found success with works like Blue Rondo a la Turk, and Take Five.

Answer: Dave **Brubeck**

D. 10) His band became a breeding ground for young talent, including the Brecker Brothers, Joe Henderson, Woody Shaw and Ralph Moore. His compositions include Filthy McNasty; The Jody Grind; The Natives Are Restless Tonight; Song For My Father.

Answer: Horace **Silver**

3. Answer the following questions on painting FTPE.

A. This Spanish painter drew inspiration from the works of Velázquez and Rembrandt. He was appointed court painter to Charles III in 1876, and was elevated to principal painter under Charles IV. He is known for his grim works, including the *Third of May, 1808*.

Answer: **Francisco Goya y Lucientes**

B. *Third of May, 1808*, was one of the paintings in this series commemorating the popular uprisings in Spain against Joseph Bonaparte. The paintings show the violence and dehumanizing effects of war.

Answer: **The Disasters of War**

C. This painting from the Black Paintings series of Goya's late career depicts the title Titan stuffing into his mouth the bloody carcass of one of his offspring, perhaps Neptune or Juno.

Answer: **Saturn Devouring His Children**

4. Some names appear multiple times in Greek mythology. Identify these people with shared names, 15 points on a hard clue, 10 if you need an easier clue.

A.1. One was a mortal and rejected lover of Scylla who was turned into a sea-god. Another was a son of Ares and a Thracian king who owned a herd of mares that ate human flesh. One of the tasks of Hercules was to capture his herd.

A.2. He fought and wounded Aphrodite and Ares with Athena's help during the Trojan War. He accompanied Odysseus on many adventures, including fetching Achilles from Scyros and Philoctetes from Lemnos, and the theft of the Palladium from Troy.

Answer: Diomedes

B.1. There were two Greek heroes of this name in the Trojan War. The lesser one was the son of Oileus. He dragged Cassandra from a temple of Athena where she was taking refuge, and raped her; this led to his death on the voyage back to Greece.

B.2. The greater one was the son of Telamon. He fought Hector to a standstill in single combat, and was second only to Achilles as a warrior. When Odysseus won the armor of Achilles, he went mad, slaughtered a flock of sheep, and then fell on his sword for shame.

Answer: Ajax

6. Identify these rivers that share names with states FTPE.

A. This longest river in New England forms the border between Vermont and New Hampshire.

Answer: Connecticut

B. Rising in the Catskill Mountains, it forms part of the New York-Pennsylvania border, part of the Pennsylvania-New Jersey border, and for a few miles the New Jersey-Delaware border.

Answer: Delaware River

C. This river flows from Pittsburgh to Cairo, Illinois.

Answer: Ohio River

7. Answer the following questions on the Persian Wars FTSNOP.

A. F5P, sometimes called the Father of History, this Greek historian's writings on the Persian Wars are the primary source of knowledge of the history of the wars.

Answer: Herodotus

B. F5P, at this 490 BC battle, the heavily outnumbered Athenians and their allies, under the leadership of Miltiades, defeated the Persian host. The runner Pheidippides proceeded to run about 26 miles back to Athens to bring news of the victory.

Answer: Marathon

C. FTP, this mountain pass takes its name from the hot mineral springs nearby. In 480 BC a force of Spartans and their allies under King Leonidas lost a heroic battle against the Persians at this strategic location.

Answer: Thermopylae

D. FTP, shortly after the fall of Athens in 480, the Athenian navy under the command of Themistocles crushed the Persian fleet in the straits off this island.

Answer: Salamis

8. Pencil and paper ready. The sine of angle A is $\frac{3}{5}$. Answer the following questions FTPE.

A. What is the cotangent of A?

Answer: $\frac{4}{3}$

B. What is the sine of $2A$?

Answer: 24/25

C. What is the cosine of $2A$?

Answer: 7/25

9. Identify these modern American poets from lines for 10 points each. If you need the title of the poem, you get 5 points:

A.1. "Forgive me / they were delicious / so sweet / and so cold"

A.2. The title of the poem is "This is just to say."

Answer: William Carlos Williams

B.1. "She jabs her wedge-head in a cup / of sour cream, drops her ostrich tail, / and will not scare."

B.2. The title of the poem is "Skunk Hour."

Answer: Robert Lowell

C.1. "I saw you, Walt Whitman, childless, lonely old grubber, poking among the meats in the refrigerator and eyeing the grocery boys."

C.2. The title of the poem is "A Supermarket in California."

Answer: Allen Ginsberg

10. Identify these Jewish players in the Baseball Hall of Fame 5-10-15.

A. This Dodger Lefthander wore number 32, and led the NL in ERA from 1962 to 1966.

Answer: Sandy Koufax

B. A Detroit Tiger and Pittsburgh Pirate, this original hammerin' Hank was AL MVP in 1935 and 1940.

Answer: Hank Greenberg

C. An All Star every year from 1967 to 1981, he hit over .300 for fifteen straight seasons. He was inducted in 1991.

Answer: Rod Carew

11. In the 1830's five civilized tribes of the American Southeast were removed to the Indian Territory. Name the five civilized tribes, five points each and a bonus five for ~~four~~^{five} correct.

Answer: Cherokee, Seminole, Creek, Choctaw, Chickasaw

12. Pencil and paper ready. A circuit has a 2-volt battery connected to three capacitors in series. The capacitors have capacitance 2, 3, and 6 farads respectively. Answer the following questions FTPE.

A. What is the equivalent capacitance of the circuit?

Answer: 1 farads

B. What is the total charge stored on the three capacitors?

Answer: 2 coulombs

C. What is the total amount of electrical energy stored in the capacitors?

Answer: 2 joules

13. Identify the following biology terms that all begin with the same letter FTPE.

A. This type of RNA is synthesized from DNA during transcription; it attaches to the ribosomes in the cytoplasm and specifies the primary structure of a protein.

Answer: mRNA or messenger RNA

B. The largest phagocytes, these amoeboid cells move through tissue fibers, engulfing bacteria and dead cells. They play an important role in human defense mechanisms.

Answer: **macrophages**

C. Mutual mimicry by two unpalatable species.

Answer: **Müllerian mimicry**

14. Shakespeare is responsible for introducing many sayings into the English language. Given a saying, identify the play in which it first appears for 10 points each:

A. "All the world's a stage, / And all the men and women merely players"

Answer: **As You Like It** [said by Jacques]

B. "The better part of valor is discretion, in the which better part I have sav'd my life."

Answer: **Henry IV, Part I** [said by Falstaff]

C. "O monstrous, monstrous!" / "Nay, this was but his dream." / "But this denoted a foregone conclusion."

Answer: **Othello** [said by Othello]

15. Identify the following Russian composers from works, FTP each:

A. *Boris Godunov, Night on Bald Mountain*

Answer: **Modest Petrovich Mussorgsky**

B. *Petrushka, The Rake's Progress, The Firebird*

Answer: **Igor Stravinsky**

C. *Capriccio Espagnol, Easter Overture, Mozart and Salieri*

Answer: **Nikolai Rimsky-Korsakov**

16. Identify the following Egyptian gods 5-10-15.

A. The most important of the Egyptian gods, he was the personification of the sun, and his cult was centered in Heliopolis. He was usually depicted as a man with the head of a falcon.

Answer: **Ra**

B. He was the god of wisdom, inventor of writing, patron of scribes, and the divine mediator. As the messenger of the gods he was identified by the Greeks with their own god Hermes. He was usually depicted as a man with the head of an ibis.

Answer: **Thoth**

C. The creator-god of Memphis, he was a patron of craftsmen. His wife was usually Sekhmet or, less commonly, Bastet, and the bull Apis was associated with him as his oracle. He is depicted as a mummified man.

Answer: **Ptah**

17. Identify the Big East school that each of these NFL quarterbacks attended FTPE.

A. Donovan McNabb

Answer: **Syracuse University**

B. Doug Flutie

Answer: **Boston College**

C. Michael Vick

Answer: **Virginia Tech**

18. Identify the author from clues, 30-20-10.

30) He wrote the short story *The Secret Sharer*, and the novella *Typhoon*.

20) He wrote the novel *Under Western Eyes*, and, with Ford Maddox Ford, *The Inheritors* and *Romance*. All of his novels are written in English, an acquired language.

10) Among his best-known novels are *Nostramo*; *The Nigger of the Narcissus*; and *Heart of Darkness*.

Answer: **Joseph Conrad** or **Józef Teodor Konrad Walecz Korzeniowski**

19. Given an element, identify the chemist who is given credit for discovering it 5-10-15.

5) Oxygen Answer: **Antoine Laurent Lavoisier**

10) Hydrogen Answer: **Henry Cavendish**

15) Nitrogen Answer: **Daniel Rutherford**

20. Identify the peace settlement, 30-20-10.

30) For the first time, a diplomatic congress addressed international disputes, and the signatories to the treaties guaranteed the resulting settlement.

20) France acquired Alsace, the Spanish Habsburgs recognized Dutch independence, and Sweden took several northern territories from the Holy Roman Empire.

10) This comprehensive settlement of 1648 ended the Thirty Years' War.

Answer: **Peace of Westphalia**