

Playoff Round 1

Packet by University of California at Berkeley: David Levinson, Steve Lin, Ben Craycraft

TOSSUP 1

The expected messiah of the Moslems, said to have been promised by Mohammed, this title has been claimed by many. (*) The most noted is a Sudanese, who became leader in 1881. He led troops in the Battle of Khartoum against Gen. Charles George Gordon, the Egyptian Governor General. For 10 points, who is this Messianic Sudanese leader who brought down Gladstone 100 years ago?

Answer: The Mahdi

TOSSUP 2

Oddly, it was The Beatles who may have been responsible for this medical breakthrough, as it was funded by their record company EMI. Combining PET imaging with a computer (*), it enabled three dimensional sections to be portrayed on the screen. For 10 points what is this device developed by Alan Cormack and Godfrey Hounsfield, who shared the 1979 Nobel Prize in medicine for it?

Answer: Computer Aided Tomography (accept: CT or CAT scan)

TOSSUP 3

Most versions omit the title character's many years of wandering. It opens with the expectations surrounding the Pharaon's arrival into Marseilles. (*) The title character impersonates a dead body in a burlap sack to escape from the Chateau D'If. FTP what is this novel about the revenge of Edmund Dantes, written by Alexandre Dumas?

Answer: The Count of Monte Cristo or Le Comte de Monte Cristo

TOSSUP 4

His "Bachianas Brasileiras" are supposed evocation of Bach in Brazilian spirit. (*) The first South American composer to become world-famous, he composed 14 works called "Choros" for various combinations of instruments. For 10 points what Brazilian composed the "New York Skyline Melody"?

Answer: Hector Villa-Lobos

TOSSUP 5

The U.S. Cruiser Nashville deterred the landing of troops from the country trying to suppress the revolt. (*) This 1903 revolt began over the efforts of Phillipe Bunau-Varilla to build a canal across the isthmus. For 10 points name the rebellious country and you have named the incident and canal.

Answer: Panama (Panamanian Revolution)

TOSSUP 6

It is revealed that Jewel is the illegitimate son of Whitfield, a local preacher. His more outgoing brother Darl sets fire to a barn in an attempt to destroy the (*) corpse, and ends up in an insane asylum. For 10 points, what is this William Faulkner novel concerning the trip to bury Addie Bundren?

Answer: As I Lay Dying

TOSSUP 7

He studied under Robert Henri in New York which inspired his paintings of city crowds and prize fights, including 42 Kids (*) and Edith Cavell. He followed Eakins in realism, and his later works include, *The Return of the Useless*, *Stag at Sharkey's* and *The Picnic*. For 10 points, who is this painter and lithographer who, although not one of the Eight, is associated with the Ashcan school?

Answer: George Wesley Bellows

TOSSUP 8

The International Union for the Conservation of Nature has listed this park as a world heritage site. Its hot springs were found by workers building the Canadian Pacific Railway, (*) who soon set up the park and hotel catering to the world's elite. Home to Lake Louise and traversed by the Trans-Canada Highway, this area became Canada's first national park. For 10 points, what is this Rocky Mountain park separating Alberta and British Columbia?

Answer: Banff National Park

TOSSUP 9

In 1956, he led the call for massive resistance to the Supreme Court's desegregation moves, mobilizing signatures for the "Southern Manifesto." (*) A scion of a famous Virginia family, his brother made the first over-flight of the North Pole. For 10 points who is this segregationist Senator who took electoral votes in the 1960 Presidential race?

Answer: Harry Flood Byrd (1887-1966)

TOSSUP 10

Living from 1723 to 1816, this Scot is called the first real sociologist. A Professor of Moral Philosophy at Edinburgh, his work influenced Marx and Schiller. In 1772 he wrote "Institutes of Moral Philosophy" and in 1792 "Principals of Moral and Political Science". (*) For 10 points, What compatriot of Adam Smith is most famous for his "History of Civil Society"?

Answer: Adam Ferguson

TOSSUP 11

The poem is about lack of communication between a man and a woman, while the novel is about the attempt of Madame Merle and Gilbert (*) Osmond to liberate Isabel Archer from her fortune. For 10 points, what is the common name of a 1917 poem by T.S. Eliot and an 1881 Henry James novel?

Answer: Portrait of a Lady (Eliot), The Portrait of a Lady (H. James)

TOSSUP 12

Herbert Gans wrote a book on life here. If you go there today, each house looks different, having been individualized over the last fifty years. But when it opened, the homes each sold for just under \$7,000, (*) and it has become synonymous with tract housing. For 10 points what is this community, actually several developments including one on Long Island and one outside Philadelphia, named for its founder, which brought mass produced housing to post-war America?

Answer: Levittown

TOSSUP 13

These mammals were used to fish cable through narrow ducts during World War II. Domesticated by ancient Egyptians 3000 years before cats, they are perhaps the third most populous species of pet (*) in the United States. Formally known as *Mustela putorius furo*, this member of the weasel(mustelid) family is a close genetic relative to the European Polecat. For 10 points, name this musky smelling animal whose black-footed variety is feral.

Answer: ferrets

TOSSUP 14

By virtually eliminating Doppler shift, it allows for extremely precise spectroscopy measurements which have been used to verify General Relativity and measure the magnetic field of atomic (*) nuclei. At low temperatures, when a nucleus in a crystal lattice emits gamma radiation, the whole lattice recoils instead of just the nucleus. FTP, identify this physical effect named for its discoverer, the winner of the Nobel Prize in 1961.

Answer: Mössbauer effect

TOSSUP 15

Named from the Greek for "artful", this legendary inventor is said to have migrated from Athens to Crete, where he built the hollow cow for Pasiphae. (*) He constructed the Golden Honeycomb for the temple of Aphrodite on Mount Eryx. For 10 points Who when Minos detained him, with his son built wings of wax and feathers, and tried to fly to Sicily?

Answer: Daedalus

TOSSUP 16

Wilt Chamberlain died recently, but when the NBA named its 50 greatest players of all time, 49 of them were living. The 50th wasn't even a particularly notable NBA player; he played in 4 all-star games and won one (*) scoring title, in 1976-77. But his college career is another story: the NCAA player of the year in 1970, he holds the career scoring record even though he only played 3 years. FTP, name this LSU star who averaged 44.2 points per game over his career, nicknamed "Pistol Pete."

Answer: Pete Maravich

TOSSUP 17

While this state's name, the Apache name for the Comanches, was originally proposed for Colorado, the name Montana was originally proposed for this state, but that name went to another one of the omnibus states. Probably best known to others as the home to separatists (*) such as those at Ruby Ridge, for 10 points—what is this state, represented by Helen Chenoweth and Geoffrey Kempthorne?

Answer: Idaho

TOSSUP 18

"The Rich Boy" and "Absolution" are included in the collection *All the Sad Young Men*. "Return to Babylon" concerns a man's visit to his estranged wife. (*) "Bernice Bobs her Hair" is about a young lady making a fashion statement. These are all stories by, FTP, what writer, whose other collections include *Taps at Reveille*, *Flappers and Philosophers*, and *Tales of the Jazz Age*?

Answer: F[rancis] Scott [Key] Fitzgerald

TOSSUP 19

The decade is the same: English Mathematician William Oughtred proposes the symbol "X" for multiplication, John Ford releases his "Tis Pity She's a Whore," (*) Zubaran paints "The Seige of Cadiz", The Universities of Budapest and Utrecht are founded, The first "Bishop's War" breaks out in Scotland, and John Winthrop leads the expedition which founds Boston. For 10 points Name the decade.

Answer: 1630s

TOSSUP 20

Issued by the by Treasury Secretary Levi Woodbury in 1836 and repealed in 1838, it provided that only (*) gold, silver, and in some cases Virginia Land Scrip would be accepted by the government in payment for public lands, with few exceptions obviating paper money. For 10 points, what is this Jacksonian directive which contributed to the panic of 1837?

Answer: Specie Circular

TOSSUP 21

He headed the Departments of Architecture at the Vienna and then the Berlin Academy. After working as an architect, he moved to an artists colony in Darmstadt where he exhibited a complete house with furnishings of his design at the 1901 Exhibition. He is famous for industrial design work, as well as the Abbey of St. Peter in Salzburg and the German Embassy in Leningrad. (*) For 10 points whose students included Le Corbusier and Mies Van Der Rohe?

Answer: Peter Behrens (1868-1940)

TOSSUP 22

He became director of the United States Geological Survey and then made chief of the Irrigation Survey, an organization which certified all (*) western land parcels as fit or unfit for various uses. For 10 points what one-armed major explored the Grand Canyon and conquered the Colorado River?

Answer: John Wesley Powell

TOSSUP 23

It originated in 1917 in Tacoma Washington to serve the lumber and mining camps of the Pacific Northwest by employers who wanted to provide medical care for their workers. (*) The associated symbol was informally adopted in 1948 by a group of nine Plans known as the Associated Medical Care Plans. For 10 points — name this organization which ultimately merged with Blue Cross.

Answer: Blue Shield

Playoff Round 1
Bonuses by Berkeley

1. During the United States Civil War there was not unity in the Union itself. FTPE:

A. What term, named after a snake, was given to Peace Democrats:

Answer: Copperheads

B. The Copperheads leader was a Congressman from Ohio who was sentenced to prison but whose sentence Lincoln generously commuted to banishment to the South. The South had no use for him so he made his way into Canada, from where he ran for Governor of Ohio, polling a substantial vote but not winning.

Answer: Clement Vallindigham

C. Most Copperheads supported this presidential candidate in 1864.

Answer: George McClellan

2. Identify the following Chinese novels for 10 points apiece.

A. It is the story of China's classic Robin Hoods; set in the Song Dynasty it immortalized a bandit gang based in western Shandong province.

Answer: The Water Margin or Outlaws Of The Marsh or All Men Are Brothers

B. This novel written by Wu Ch'eng-en was based on an actual journey to India by the Tang Dynasty monk Xuanzang; along his travels he was aided by many supernatural beings such as Pigsy and Sandy.

Answer: Monkey or Journey To The West

C. One of China's greatest novels, it was written in the middle of Emperor Qianlong's reign. The author, Cao Xueqin, was descended from one of the Chinese bannerman-bondservants who had enjoyed wealth and influence as a favorite of Emperor Kangxi. The novel tells the story of the wealthy Jia family and is a vivid depiction of mid-Qing elite life. A full version did not appear until 1792, nearly 30 years after the author's death.

Answer: The Dream Of The Red Chamber or The Dream of Red Mansions or The Story Of The Stone

3. For 5 points apiece, name any six of the seven base units in the Systeme International of measurements. You have 10 seconds to begin your answer.

Answer: length meter

mass kilogram (do not accept gram)

time second

electric current ampere

temperature kelvin

substance mole

luminous intensity candela

4. Identify these figures from Jewish and Christian mythology for 15 points apiece.

A. He is known as the demon of lust, sometimes identified with the Persian demon Aeshma. He is found in many Jewish folktales as well as the Apocryphal book of Tobit. He was variously held responsible for the drunkenness of Noah in one tale and the construction of the temple of Solomon in another.

Answer: Asmodeus

B. In Milton's Paradise Lost he is the "lewd" spirit who "loves vice for itself." Victor Hugo in his novel *The Toiler of the Sea* credits him with being Hell's ambassador to Turkey. In the New Testament, the term is used for an opponent of Christ. For 15 points name this figure who serves as the official lawyer of the devil in a book by Jacobus de Thermo, and is sometimes identified with Satan.

Answer: Belial

5. Identify the following Shakespeare history plays from characters FTPE.

A. Glendower, Hotspur, Northumberland

Answer: Henry IV, part I

B. Queen Margaret, two murderers, Lady Anne

Answer: Richard III

C. Lady Falconbridge, Queen Eleanor, Philip the Bastard

Answer: King John

6. Identify these theorems of the calculus FTP each:

A. This theorem states that for a function which is continuous on the closed interval from a to b and differentiable on the open interval, there exists some c in the interval such that the tangent at c is parallel to the secant from a to b.

Answer: **Mean Value** Theorem (do not accept "Intermediate Value Theorem")

B. A special case of the Mean Value Theorem, it states that between any two zeroes of a non-constant differentiable function, the function must attain a local maximum or minimum.

Answer: **Rolle's** Theorem

C. This theorem says that under certain conditions, you can swap the order of integration of the variables in a multiple integral.

Answer: **Fubini's** Theorem

7. Name the invention of the following individuals that earned them a place in the National Inventors Hall of Fame

A. Douglas Engelbart

Answer: **x-y position indicator for a display** (or equivalent): or the **mouse**.

B. Edwin Armstrong

Answer: **Frequency Modulation** radio

C. James Fergason

Answer: **Liquid Crystal Display**

8. Identify the author from a list of his works 30-20-10:

A. (30). "Rules by Which a Great Empire May Be Reduced to a Small One" and "An Edict by the King of Prussia"

B. (20). "A Modest Enquiry into the Nature and Necessity of a Paper Currency" and "The Way to Wealth"

C. (10). "Experiments and Observations on Electricity" and co author of "Declaration of Independence"

Answer: Benjamin **Franklin**

9. Identify the candidates supported in the following campaign slogans for ten points each.

A. In your heart, you know he's right.

Answer: Barry **Goldwater**

B. Every Man a King.

Answer: Huey **Long**

C. It's Morning in America Again.

Answer: Ronald **Reagan**

10. Identify the following concerning the death of Baldur FTSNOP.

A. Baldur's mother extracted a promise from every living creature that they would not harm him—except for one.

F5PE, name the mother and the innocuous-seeming plant that she didn't bother with.

Answers: **Frigga**; the **mistletoe**

B. Perennial trouble-maker Loki tricked this blind brother of Baldur into playing target practice with his ostensibly invincible brother using some mistletoe arrows. FTP, name the unwitting killer.

Answer: **Hoder**

C) After Baldur's death, Frigga went to Hel to plead for her son back. Hel agreed to let him go if everything on earth would weep for him. Unfortunately, one cold-hearted old lady (actually Loki in disguise) wouldn't cry, so the errand failed. For a final 10 points, name her.

Answer: **Thaukt**

11. Identify the following enemies of Alexander the Great FTPE.

A. This Persian emperor was the loser at Gaugamela, Issus, and Arbela.

Answer: **Darius III**

B. This satrap of Bactria and Sogdiana commanded the Persian left wing at Gaugamela; when later captured by Alexander he was punished for his role in the murder of Darius.

Answer: **Bessus**

C. This Indian king's resistance would finally provoke the mutiny which stopped Alexander's advance into Asia, though he did become Alexander's vassal and loyal ally after defeat.

Answer: **Paurus**

12. In October 1995, two members of the 2000 presidential field appeared on a Saturday Night Live sketch called "C-SPAN's Halloween in New Hampshire." For 10 points each:

A. Which one, who was also a candidate at the time he appeared on the sketch, has already dropped out of the 2000 race?

answer: Lamar Alexander

B. Which candidate, who was then considering an independent run, claimed at the time, "I'm not looking for your vote, I just heard you had Reese's Peanut Butter Cups"?

answer: (William Warren) "Bill" Bradley

C. Which 1996 and 2000 candidate guest hosted the show in 1996?

answer: (Malcolm Stevenson) "Steve" Forbes Jr.

do not accept: Bob Dole, who appeared on the show but didn't guest host.

13. At the outset of the industrial revolution, mining under the sea or below the water table resulted in flooding and drainage was a critical issue. Answer these questions for 10 points each.

A. He developed the "Miner's Friend", which was an early steam engine, which forced steam into a receiver, which was part of the tube extending downwards into the water

Answer: Thomas Savery

B. He replaced Savery's receiver with a piston, and used iron cylinders because the solder kept failing. By 1705 his engine was used throughout Europe

Answer: Thomas Newcomen

C. He kept the cylinder jacketed in hot water so that the engine could condense the steam at the right time and added a separate condensing unit. His patent was granted in 1769.

Answer: James Watt

14. Identify this painter 30-20-10

A. (30). The earliest of his works that can be securely dated are The Road Through a Wood 1747, Cornard Wood 1748, and the Charterhouse 1748.

B. (20). His early work was influenced by Dutch landscape painting, such as that of Jacob van Ruisdael and some of his landscapes are notable achievements in this type of imaginative, rather than topographical, treatment of nature.

C. (10). His celebrated painting *Blue Boy* is one of his best known tributes to Van Dyck's influence.

Answer: Thomas Gainsborough

15. Given the reactants, name the primary product, FTPE.

A. A primary alkyl bromide and an alcohol.

Answer: ether

B. A ketone and a primary amine in acidic conditions

Answer: imine

C. A ketone in an excess of alcohol with acid catalysis

Answer: acetal

16. Name these people who were responsible for reintroducing science into late medieval thought for 10 points each:

A. This scholastic Oxford professor and Bishop of Lincoln began to observe the phenomenon of light radiation and concluded nature could be understood only through mathematics and geometry, and that theory need to underlie empirical research

Answer: Robert Grosseteste

B. Inventor of the magnifying glass, he tried to solve optics problems in "On Mirrors" and others in "On the Multiplication of Species" condemned for heresy in 1277, he is best known of "Opus Majus," a compendium of all knowledge, and "Opus Minus".

Answer: Roger Bacon

C. This teacher of Thomas Aquinas, recently canonized, is the patron saint of students and scientists.

Answer: Albert the Great or Albertus Magnus

17. The President is caught fondling a young girl in the White House. No not real life, its the film "Wag the Dog".

A. What playwright adapted the novel which was made into the movie Wag the Dog

Answer: David Mamet

B. Larry Beinhart wrote this original novel which Mamet adapted.

Answer: American Hero

C. Lines in the movie about the Preakness were probably inserted by this Baltimore director of the movie

Answer: Barry Levinson

18. Name these football players who may or not have anything to do with one another FTPE.

A) This second-year player is the second-leading receiver in the NFC, but also on his own team.

ANSWER: Randy Moss

B) This lineman, a graduate of Miami, was an amazing disruptive force before breaking his hand early in the season; however, he's returned to anchor one of the NFC's most suffocating defenses.

ANSWER: Warren Sapp

C) He led the league in average yards per catch in 1998. This year he missed a few games with a knee injury but set a team record with a TD catch in 5 consecutive games.

ANSWER: Eric Moulds

19. FTPE, which 6 nations have coastlines on the Black Sea? You have 10 seconds to begin your answer.

Answers: Ukraine, Russia, Georgia, Turkey, Romania, Bulgaria

20. Identify these South African Prime Ministers for 10 points each:

A. A general under Petrus Jacobus Joibert in the Boer war, he gained victories at Colenso, Spion Kop, and Vaal Krants. and captured Winston Churchill. Upon Joibert's death he was named Commander in Chief of Transvaal forces. After the War he headed a party called "The People" and in 1910 became the first Prime Minister of South Africa?

Answer: Louis Botha

B. He was Prime Minister during the March 1960 Sharpeville bloodshed (where 69 died), in April 1960, an attempt was made on his life. In 1966 he was finally assassinated.

Answer: Hendrik Frensch Verwoerd

C. In World War II he helped found the anti British Ox-Wagon Guard. A national Party member, in 1966 he was elected Prime Minister a week after Verwoerd's timely death, he served until 1978 when he was elected President?

Answer: John Vorster