

2001 Mad City Masters / UC-Irvine Open

Tossups by Joel Uckelman (and a few from UCLA)

1. Berlioz slips on spilt sunflower oil and is decapitated by an onrushing streetcar. The poet Ivan lands in a mental hospital after chasing a strange man across Moscow in only a shirt and someone else's underwear. The stranger, who turns out to be Satan, and his traveling companions, including a giant vodka-drinking tomcat named Behemoth, unleash their antics on Moscow. One of the title characters has written a novel about Pontius Pilate, who he eventually meets. For 10 points--name this novel by Mikhail Bulgakov.

ans: The Master and Margarita (or Master i Margarita)

2. A Christian Socialist who had been minister of agriculture before becoming chancellor in 1932, his authoritarian rule was maintained in opposition both to the Socialists, whose uprising he crushed early in 1934, and to the National Socialists, whose party he officially dissolved in 1933. For 10 points--name this dictatorial chancellor who sought to maintain his country's independence from Germany, only to be assassinated in July 1934 by Austrian Nazis.

ans: Engelbert Dollfuss

3. "I was trying to write the ultimate pop song, I was basically trying to rip off" this band, said Kurt Cobain in the January 1994 issue of *Rolling Stone*. Indeed, the explosion of grunge in the early 1990s owes much to this band from Boston. In 1997 a two-disc greatest-hits compilation of their work was released, including such songs as "Here Comes Your Man," "Debaser," and "Monkey Gone to Heaven." For 10 points--name this band, members of which were Dave Lovering, Joey Santiago, Kim Deal, and Black Francis.

ans: The Pixies

4. A Cambridge graduate in 1941, this chemist died of cancer at age 37, after having conducted fundamental studies of the structure of carbon compounds, and done fruitful work on the tobacco mosaic and polio. Better known, however, is the work done at King's College using x-ray crystallography to divine the structure of DNA, labors for which she received little credit at the time. For 10 points--name this chemist, whose work helped Watson and Crick win a Nobel prize.

ans: Rosalind Franklin

5. The U.S. ambassador to France from 1968 until 1970, he had since 1964 been director of the Office of Economic Opportunity. He was an able lawyer who worked as an assistant editor for *Newsweek* and in business, but his key career move may have been his 1953 marriage to the sister of a newly-elected Massachusetts Senator. This led eventually to appointment by his brother-in-law as first director of the Peace Corps. For 10 points--name this husband of Eunice Kennedy and 1972 candidate for vice president.

ans: R(ober) Sargent Shriver

6. Along with snowboarding, it debuted as an Olympic medal event at the 1998 Winter Games in Nagano, Japan, with Canada capturing the women's gold and also reaching the finals of the men's tournament before losing to Switzerland 9 to 3. The fact that the Royal Caledonia Club is the governing body of this sport reflects its 16th-century origins in Scotland. For 10 points--name this sport in which four-person teams compete in "bonspiels," using equipment such as crampits, a stone called "the house," and brooms on ice.

ans: curling

7. Born in Nashville in 1914, he attended Vanderbilt before publishing his first book, *Blood for a Stranger*, in 1942, the same year he enlisted in the Army Air Corps. While in the Army, he worked as a control tower operator, which provided later literary inspiration. In 1965, he was struck by a car and killed. For 10 points--name this poet and critic, author of the satirical novel *Pictures from an Institution* and poetry such as "Death of the Ball Turret Gunner."

ans: Randall Jarrell

8. First performed in Dresden early in 1911, it takes place in 18th-century Vienna and opens after a night of passion between the young Count Octavian and the older Princess von Werdenberg, known as the Marschallin. The title refers to a betrothal token delivered to the fair Sophie on behalf of the profligate Baron Ochs. With a libretto by Hugo von Hofmannsthal, this is--for 10 points--what opera by Richard [REEK art] Strauss?

ans: Der Rosenkavalier (or The Knight (or Cavalier) of the Rose)

9. Alcyone, Electra, Celaeno, Sterope, Maia, and Taygete are visible. Merope, the seventh, is said to be lost or hiding. Consisting of approximately 500 stars and with a diameter of 35 light-years, this young open cluster, cataloged as M45, is 400 light-years from earth in the constellation Taurus. For 10 points--give the common name for this stellar grouping, named by the Greeks for the daughters of Atlas and Pleione.

ans: Pleiades (prompt on "Seven Sisters")

10. After succeeding to the throne of Fergana in 1494, at age eleven, he spent much of his early years attempting to recover Samarkand from the Uzbeks, but was ultimately unsuccessful. Instead, he turned his attention southward, capturing Kabul. In 1525 he responded to an invitation from the governor of the Punjab to overthrow the sultan of Delhi, defeating him at Panipat the following year. For 10 points--name this first sultan and founder of the Mughal Empire.

ans: Babur (or Zahir ud-Din Muhammad)

11. According to Rule 10 of the U.S. Supreme Court, among compelling reasons to grant this are the following: two federal appeals courts or a federal appeals court and a state supreme court have rendered conflicting decisions, two state supreme courts have rendered conflicting decisions on a federal matter, or a lower court has decided a question of federal law left unsettled by the U.S. Supreme Court. By tradition, it will be granted if four Justices are in favor. For 10 points--give the name for the writ issued by the Supreme Court when it decides to hear a case.

ans: writ of certiorari

12. A garden vegetable of the family *Cruciferae*, and in the same genus as the cabbage, it is native to Europe where it has been cultivated since the Middle Ages. It likely originated as a cross between the cabbage and another member of its genus, *Brassica rapa*, the white turnip, and like its cousin the turnip, it is a biennial cool-weather crop. The part generally eaten is the large, bulbous root. For 10 points--name this vegetable whose common name comes from Swedish.

ans: rutabaga

13. Andrea is killed in battle by Balthazar, but Revenge vows to him that his lover, Bel-Imperia, will kill his killer. Balthazar is captured by the Spaniards, and falls in love with Bel-Imperia, who is in turn in love with Horatio. Lorenzo and Balthazar murder Horatio. Villupio claims Alexandro tried to murder Balthazar, but is lying and is tortured to death. Horatio's father Heironimo and Bel-Imperia kill Lorenzo, Balthazar, the Duke of Castile, and themselves, all while staging a play, thus fulfilling Revenge's prophecy and satisfying Andrea. For 10 points--name this violent play by Thomas Kyd.

ans: The Spanish Tragedy

14. Two answers required. Their battle was painted by Eduoard Manet, and it is possible, though not certain, that he witnessed it himself from shore. One, damaged and in need of supplies, entered the neutral port of Cherbourg. The other arrived off the coast before repairs could be completed; despite that, the captain of the former sailed out to meet the latter, in what would be its last engagement.

When the one sank the other, the losing captain and 41 survivors were picked up by a British yacht and reached England. For 10 points--name these two warships, captained by J. A. Winslow and Raphael Semmes.

ans: CSS Alabama and USS Kearsarge

15. The illegitimate son of a Tuscan merchant and a French woman, his father wanted him to take up law. Over the course of his career, he wrote a geographical dictionary, a commentary on Dante's *Inferno*, and a creative work combining the legend of Trolius and Cressida with Neapolitan court life, *Il Filostrato*. Other works were inspired by Maria d'Aquino, and set during the Black Death. For 10 points--name this poet, the author of *Fiammetta* and the *Decameron*.

ans: Giovanni Boccaccio

16. Two answers required. One of Maxwell's equations, along with many others in electromagnetics, can be greatly simplified if cgs units are used instead of the standard SI units. The change in units causes these two constants to equal one, and therefore allows them to be dropped altogether. One equals $4\pi \times 10^{-7}$ Watts per Ampere per meter, while the other is one divided by the quantity c squared times the first, or approximately 8.85×10^{-12} Farads per meter. For 10 points--name these two constants signified by *mu*-naught and *epsilon*-naught.

ans: permeability of free space and permittivity of free space (prompt on *mu*-naught and *epsilon*-naught prior to their mention)

17. He married Dia, the daughter of Eioneus, but then treacherously murdered his father-in-law by throwing the poor man into a fiery pit. Afterward, he asked Zeus to purify him, who finally did so out of pity. Not willing to leave well enough alone, however, he made advances toward Hera. Zeus secretly replaced Hera with a cloud that looked like Hera, which he impregnated. His son by the cloud was Centaurus, the father of the Centaurs. For 10 points--name this mythological figure, who Zeus finally punished by binding him for ever to a rotating wheel.

ans: Ixion

18. He won his first Emmy as a guest performer for an *Amazing Stories* episode titled "The Doll," and has since won three more for Lead Actor in a Comedy Series. Turning to the Oscars, he has twice been nominated for Best Supporting Actor, for his role as transsexual football player Roberta Muldoon in *The World According to Garp*, and for his role as Sam Burns in *Terms of Endearment*. For 10 points--name this actor, the voice of Lord Farquaad in *Shrek*, who is perhaps most familiar as High Commander Dick Solomon on television's *3rd Rock From the Sun*.

ans: John (Arthur) Lithgow

19. Along the right edge is the head of a man with a green face, seen in profile, from whose hand juts a branch into the center. Near the top are various multicolored houses and a church, along with a man carrying a scythe and a woman who, though standing, is upside down in relation to him. On the left side is the head of a white horse, also in profile, and superimposed over its cheek is a girl milking a goat. The man's cheek and the abstract forms in the lower-left combine to form a circular region in the center. For 10 points--name this 1911 painting, evocative of idyllic life, by Marc Chagall.

ans: I and the Village

20. Combustion ceases and animals die in sealed spaces. Charcoal leaves little residue upon burning, and metal calxes turn to metals when heated with charcoal. The former occurs because the air has only a limited capacity to absorb this substance, and the latter two because charcoal is composed almost entirely of this odorless, tasteless, colorless substance--all of which is total bunk, of course. First postulated by J. J. Becher in the late 1600s, belief in this substance impeded progress in chemistry until Lavoisier's work cast doubt on its existence. For 10 points--name this fictitious substance given off during combustion.

ans: phlogiston

21. It contains Chisamula and Likoma Islands. It is fed by the Ruhuhu River in the northeast, and drained to the south by the Shiré River, a tributary of the Zambezi. It was named in 1859 by David Livingstone--unimaginatively, as the name he gave it simply means "lake" in a native tongue. For 10 points--name this third-largest African lake, bordered by Tanzania, Mozambique, and a namesake country with capital at Lilongwe [lee LONG wah].

ans: Lake Malawi or Lake Nyasa

22. His father was a mathematician and superintendent of the U.S. Coast Survey, while he himself spent much of his life working for the Geodetic Survey. He made contributions to chemistry, physics, and engineering, but is most noted for principles stated in an article published in 1878, in which he claimed that the truth of a proposition should be measured by its correspondence with experimental results, and that thought has only instrumental, not metaphysical significance. For 10 points--name this influence upon Royce, Dewey, and William James, the first proponent of philosophical pragmatism.

ans: Charles Sanders Peirce [pronounced like "purse"]

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Bonuses by Joel Uckelman (with contributions by UCLA and Eric Hillemann)

1. Name these things relating to cellular organelles, for 10 points each:

A. Rare in plant cells, these small spherical organelles contain enzymes necessary for intracellular digestion.

ans: lysosomes

B. This stack of membrane-bound vesicles packages large molecules into lysosomes for intracellular transport.

ans: Golgi apparatus or body

C. This is the jellylike goo that all other cellular organelles float in.

ans: cytosol (or cytoplasm)

2. 30-20-10. Name the mythological character.

A. His parents are the giants Farbauti and Laufey, and his wife is Sigyn.

B. Sigyn catches in a bowl the venom that a poisonous snake drips on him, but whenever the bowl is filled, the venom drips on him and he writhes in pain, causing earthquakes.

C. The already-mentioned snake, in addition to his being chained to three boulders, are punishment for his involvement in Balder's death.

ans: Loki

3. Name these Hungarians, for 10 points each:

A. He led the independent Hungarian government during the Revolutions of 1848, but fled to Turkey when Russia intervened against him.

ans: Louis Kossuth

B. He established a communist government in Hungary in 1919, but was defeated by Romania and a White uprising later that year. Exiled to the Soviet Union, he died in Stalin's purges in the 1930s.

ans: Bela Kun

C. An Austro-Hungarian admiral in World War I, he became regent of Hungary after Kun's defeat, a position he retained until he was arrested by the Nazis in 1944.

ans: Miklos Horthy de Nagybanya

4. Given a DOS command, supply the roughly-corresponding Unix command, for 5 points each.

A. dir ans: ls

B. copy ans: cp

C. move ans: mv

D. del ans: rm

E. type ans: cat

F. chkdsk ans: fscck

5. Name these components of the architecture of a classical Greco-Roman temple, for 10 points each:

A. The scroll-like ornamentation adorning the capitals of Ionic columns, from the Latin for scroll.

ans: volute(s)

B. The low pitch triangular area, resembling a gable, formed by the two slopes of a roof of a building, framed by a raking cornice, and frequently decorated with sculpture.

ans: pediment

C. The slab forming the uppermost part of a capital and supporting the architrave.

ans: abacus

6. Name these derivative financial instruments, for 10 points each:

A. The call variety confers the right to buy a stock at a fixed price, while the put variety confers the right to sell a stock at a fixed price.

ans: option(s)

B. These are contracts by which variable rate interest payments are exchanged for fixed rate payments.

ans: rate swap(s)

C. Similar to options, these are contracts to deliver or accept delivery of a commodity on a given date at a fixed price.

ans: future(s)

7. Conjoin these things. For example, if asked to conjoin a post-punk band from Washington, D.C. and the worst sci-fi movie ever made, you would say "The Dismemberment Plan 9 from Outer Space".

A. The band that had a 1970 hit with "American Woman," a Pulitzer Prize winning play, and a CNN anchor that covered the Gulf War from Baghdad.

ans: The Guess Who's Afraid of Virginia Woolf Blitzer

B. An historical work of 1776, a J. G. Ballard novel turned Spielberg movie, and the author of the *Art of War*.

ans: The Decline and Fall of the Roman Empire of the Sun-Tzu

C. A Katherine Anne Porter novel, the mineral iron pyrite, what William Jennings Bryan railed against at the 1896 Democratic convention, and 760mm of mercury at 0 degrees Celsius.

ans: Ship of Fool's gold standard (atmospheric) pressure

8. How closely do you look at the labels on your beer? Name these beers from descriptions, for 10 points each:

A. A busty blonde lass in traditional German garb holds three full-to-the-top steins in each hand on the labels of this lager from Bremen.

ans: St. Pauli Girl

B. Developed by Wilhelm Hasse, a German brewmeister who emigrated to Mexico, it was named to commemorate the approaching new millennium.

ans: Dos Equis

C. The best selling German beer in the world, the motto "Life's too short to drink cheap beer" can be found on its labels in America.

ans: Warsteiner

9. Name these women active in the fight for suffrage. Score 5 points for one correct, 10 for two, 20 for three, and 30 for all four.

A. She was President of the National American Woman Suffrage Association from 1890 to 1892, and editor of *Revolution*, a militant feminist magazine.

ans: Elizabeth Cady Stanton

B. She became president of NAWSA in 1900, organized the League of Women Voters following the ratification of the Nineteenth Amendment, and was active in the peace movement.

ans: Carrie Chapman Catt

C. A Quaker and active in the anti-slavery cause, she organized the Seneca Falls convention in 1848 along with Stanton.

ans: Lucretia Mott

D. She organized the Daughters of Temperance, the first women's temperance organization, was arrested for attempting to vote, and was president of NAWSA between Stanton and Catt.

ans: Susan B(rownell) Anthony

10. Name these electrical components from descriptions, for 10 points each:

A. Variable resistors are a two-lead variety of these.

ans: potentiometer(s)

B. Varieties of these include Zener, Schottky, Germanium, and Selenium.

ans: diode(s)

C. These logic gates output low only when both inputs are high, and high otherwise.

ans: NAND gates

11. Identify these possibly-related literary titles from brief descriptions of the work, for 10 points each:

A. In the end, Claudio is not executed, but marries Julia; the corrupt Angelo is forced to wed Mariana; and Duke Vicentio is betrothed to Isabella.

ans: Measure for Measure (by William Shakespeare)

B. Whether Angelica will marry Valentine or his father, Sir Sampson Legend, is at the heart of this William Congreve comedy.

ans: Love for Love

C. The condemned wife murderer Jim Jackson confesses: "If ther'd been forty scaffolds right before my eyes, I'd have brought down the poker just the same," in this Clarence Darrow novel with a title evoking harsh justice.

ans: An Eye for an Eye

12. Think back 40 years and answer the following about Major League baseball in 1961:

A. The majors expanded in 1961 for the first time in 60 years, adding new American League teams in--for 5 points each--what two cities?

ans: Los Angeles (Angels), Washington (Senators; the original Senators having moved to Minnesota the year before)

B. 1961 belonged to the Yankees, thanks to the home run heroics of Mantle and Maris. For 10 points each--name the Yankees' manager that year, and the Fred Hutchinson-led team they defeated in the World Series.

ans: Ralph Houk; Cincinnati or Reds

13. Name these island dependencies of the United Kingdom, for 10 points each:

A. This dependency in the South Pacific was uninhabited until 1790 when it was settled by a group of British sailors and Tahitian women.

ans: Pitcairn Island

B. The most famous home on this volcanic island in the South Atlantic is maintained as a museum at Longwood, near Jamestown, the capital.

ans: St. Helena

C. St. Helena itself has two dependencies of its own, Ascension island and--for 10 points--this remote locale that is British despite its Portuguese name.

ans: Tristan da Cunha

14. Name these Roman historians:

A. For 5 points--his life's work was the 142 volume *History of Rome* ab urbe condita, or from the city's founding, of which some 35 books survive.

ans: Livy or Titus Livius

B. For 10 points--this 1st-century BC historian was also a tribune, praetor, and governor of Numidia, but is remembered for accounts of the Cataline and Jugurthine wars.

ans: Sallust or Caius Sallustius Crispus

C. For 15 points--this 4th-century historian wrote his works as a sequel to Tacitus, his model, covering in 31 books the years AD 96 to 378; only the books covering 353 to 378 survive.

ans: Ammianus Marcellinus

15. Identify these French painters from works, on a 10-5 basis:

A. 10: *Christ Mocked by Soldiers*, the print series *Miserere*

5: *Three Judges*, *The Old King*

ans: Georges Roualt

B. 10: *The Sleepers*, *Still Life with Apples and Pomegranate*

5: *A Burial at Ornans*, *The Painter's Studio*

ans: Gustave Courbet

C. 10: *The Spring*, *The Apotheosis of Homer*

5: *La Grand Odalisque*, *Portrait of Charles Gounod*

ans: Jean Auguste Dominique Ingres

16. Name these Canadian prime ministers from party and dates in office, for 10 points each:

A. Liberal, 1896 to 1911

ans: Sir Wilfred Laurier

B. Conservative, 1911 to 1920

ans: Sir Robert Laird Borden

C. Liberal, 1921 to 1926; 1926 to 1930; and 1935 to 1948

ans: William Lyon Mackenzie King

17. Name these 20th-century authors from works, on a 10-5 basis:

A. 10: *After the Banquet*, *The Sound of Waves*

5: *The Sailor Who Fell from Grace With the Sea*, the *Sea of Fertility* tetralogy

ans: Yukio Mishima

B. 10: *Drinks Before Dinner*, *The Waterworks*

5: *Billy Bathgate*, *Loon Lake*

ans: E(dgar) L(awrence) Doctorow

C. 10: *The Ordeal of Gilbert Pinfold*, *Put Out More Flags*

5: *Scoop*, *Vile Bodies*

ans: Evelyn (Arthur St. John) Waugh

18. Identify these effects, for 10 points each:

A. When a current-carrying metal strip is placed in a magnetic field, a voltage difference is produced across the strip due to deflection of electrons by the field.

ans: Hall effect (not the quantum Hall effect, that's different)

B. Film boiling occurs in relatively cooler liquids, largely blocking heat transfer. This effect explains why people can walk on hot coals.

ans: Leidenfrost effect

C. A spectral line may be split into a group of closely-spaced lines if what is producing it is subjected to a magnetic field.

ans: Zeeman effect

19. For 15 points each--identify these Supreme Court cases that are among the most frequently cited by the High Court itself. Miranda is first by far, but we won't ask you about that.

A. In this landmark 1966 free speech case, second on the list, the Court held that public officials must prove "actual malice" in libel suits regarding their official conduct.

ans: New York Times Company v. Sullivan

B. Coming in a close third, the Court held in this 1940 case that prior restraint was unjustified with respect to requiring a license to solicit for religious purposes.

ans: Cantwell v. Connecticut

20. Given the current name, give the most recent former name of these places, for 10 points each:

A. Jakarta, Indonesia

ans: Batavia, Dutch East Indies

B. Banjul, The Gambia

ans: Bathurst

C. John F. Kennedy International Airport, New York City.

ans: Idlewild Airport (after the golf course that had previously been there)

21. Name the Russian composers from works.

A. For 5 points--*Lady Macbeth of the District of Mtensk*

ans: Dmitri Shostakovich

B. For 10 points--*Tamara, Russ*, incidental music for *King Lear*

ans: Mili Alekseyevich Balakirev

C. For 5 points--*Satanic Poem, Divine Poem, Prometheus: a Poem of Fire*

ans: Aleksandr Nikolayevich Scriabin

D. For 10 points--the ballet *Chout*, or *The Buffoon*

ans: Serge Prokofiev

22. Identify the following about minerals used to make sandpaper rough:

A. This mineral is the major component of bauxite; sandpaper made from it can be used on nearly any surface, and is suitable for power sanding.

ans: aluminum oxide

B. This mineral is the birthstone of January; sandpaper made from it is best used on bare wood.

ans: garnet

C. This mineral is extremely hard, heat resistant, and insoluble in most common solvents; sandpaper made from it tends to be grit 240 and finer, and is used for finishing and fine polishing.

ans: silicon carbide