

Technophobia IX Round 3

UCI A
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1 UCI A Tossups, Round 3

1. He dropped out of Indiana University just short of graduating to pursue a career as a computer programmer and software engineer. A Boy Scout troop leader and Red Cross volunteer, he moved from California to Texas because of the latter state's looser gun control laws. He ran for the Texas State Legislature in 2000 and 2002 as a member of a notable third party before winning his party's 2004 Presidential nomination on the third ballot at the party convention in late May. For ten points, name this running mate of Richard Campagna, the 2004 Libertarian candidate for President.

Answer: Michael J. Badnarik

2. In this book, a lightning storm causes a titular animal to be stolen, and the aftermath separates three boys who had run away to Mexico. The main character becomes a good ranch hand but falls for Doc Hector's daughter, Alejandra. Jimmy Blevins is killed by Raul, the cruel and corrupt captain, but the other two boys are sent to a Saltillo, a prison town. There Perez sends assassins after them. Alejandra bribes the prison to release them, but refuses to leave her family for John Grady. John captures the captain as hostage and returns to Texas to find nothing left for him. For ten points name this Cormac McCarthy book, named for the animals John won't leave behind.

Answer: All the Pretty Horses

3. Born and raised in the slums of Albany, Georgia, he once said, he witnessed his brother's drowning death when he was five. His *The Genius Hits the Road* was one of the first R&B records to use an extensive string section, and "I Got a Woman" introduced elements of Gospel music to R&B. For ten points, name this singer of "What'd I Say," blind since the age of 7, whose greatest hits include "Georgia on My Mind" and "I Can't Stop Loving You."

Answer: Ray Charles (or Ray Charles Robinson, his birth name)

4. In plants, it is called agamospermy or apomixis. Another form, seen in animals like certain salamanders, is called gynogenesis. Very few species use it exclusively, and animals like turkeys, certain fish, and aphids use it in case of emergency. In April 2004, scientists at the Tokyo University of Agriculture used it to create fatherless mice. For ten points, name the process of embryonic development without any fertilization by a male.

Answer: Parthenogenesis

5. During World War I, this site in Colbert and Lauderdale counties was picked for the construction two nitrate plants and a dam named for President Wilson. Senator George W. Norris proposed that the government operate these plants, but President Coolidge vetoed it in 1928. For ten points, identify this site in Alabama that was to become the nucleus of the Tennessee Valley Authority.

Answer: Muscle Shoals

6. In order to visit her "disguised in sober robes," Hortenso pretends to be her music teacher, but eventually loses interest and marries a rich widow. A wealthy old man named Gremio tries to marry her, but fails. In Act III, she is courted by Cambio and Licio, who are really Lucentio and Hortensio in disguise. Her father announces in the beginning that she cannot marry until her older sister, the shrewish Katherina, finds a mate. For ten points, name this younger daughter of Baptista Minola in Shakespeare's comedy, *The Taming of the Shrew*, who finally marries Lucentio.

Answer: Bianca

7. Lasage thought that are are arranged in an lattice seperated by a distance of 10^7 times larger as their diameter. Newton believed that they took their energy from a magazine established by God. If they exist, they must have evin spin and a rest mass of zero, but detecting this weakest of the bosons has proved difficult. For ten points, name this theorized carrier of the gravitational force.

Answer: gravitons

prompt on “corpuscules ultramondaines”

8. The Greeks brought his bones to Troy because of a prophecy that only by doing so could they conquer the city. As a young man, he was loved by Poseidon, who gave him a winged chariot. Hippodameia fell in love with him and convinced Myrtilus to remove the linchpins from Oenomaus' chariot. While dying, Myrtilus laid a curse on his house, a curse that blighted the lives of Atreus, Thyestes, Agamemnon and Aegisthus. For ten points, name this son of Tantalus whose shoulder was served as a feast for the gods.

Answer: Pelops

9. Originally a law student, he switched to economics and eventually held chairs at several universities, including Illinois, Carnegie-Mellon, Northwestern, and MIT. In collaboration with Merton Miller, his namesake theory states that, if two companies differ only in the way they are financed and in their total market value, then investors will sell shares in the overvalued company and buy shares in the undervalued company until the market value for both is the same. FTP, name this Italian-born economist, whose work in business finance won him a Nobel Prize in Economics in 1985.

Answer: Franco Modigliani

10. It is home to Birzeit University and its name means “Height of God.” After the strategic Tel Mizpe highground was seized in 1967, it passed from Jordanian control and into Israeli hands. Home of the Mukataa, this city was declared a “Territory A” according to the 1993 Oslo Accords and was ceded to the Palestinian Authority the following year. For ten points, identify this West Bank city north of Jerusalem, the current headquarters of PLO Chairman Yasir Arafat.

Answer: Ramallah

11. In the traditional technique for this method, the dye giemsa gives rise to the distinctive G-bands, while the FISH method uses fluorescence to produce colored pictures. All methods must first use a chemical like colcemid to arrest cells in M phase, so that DNA is in chromosomal form to be imaged and rearranged. For ten points, name this genetic analysis technique used to detect abnormal chromosomes.

Answer: Karyotype

12. Born in Yapeyú, this patriot played a major role in winning independence from Spain for Argentina, Chile, and Peru. In 1817, he led an army across the Andes into Chile, defeating the Spanish at Chacabuco and Maipó. He then captured Lima and became protector of Peru. However, he resigned in 1822 after failing to reach an agreement with Simon Bolívar. For ten points, name this South-American liberator who, sadly, died in exile in France in 1850.

Answer: José de San Martín

13. The designs of Pierre Lepautre, Gilles-Marie Oppenord, Nicolas Pineau, and Juste Aurèle Meissonier reacted against the bombastic style of Versailles. Flourishing primarily in France and southern Germany, it was superseded by the Neoclassical tastes spreading from Rome. Its style sought charm and delicacy on a small scale—surface effects rather than bold masses. For ten

points, name this post-baroque period in art history, from the French for shell-covered “rock work,” whose greatest proponents include Fragonard and Watteau.

Answer: Rococo

14. In this film, a month long detox diet is devised by the protagonist’s fiancée , a vegan chef. At the film’s start, the filmmaker consults three doctors, who confirm his good health. By the end of the experiment, the filmmaker is facing a diminished sex drive and permanent liver damage. For ten points, name this 2004 documentary film, written and directed by Morgan Spurlock, who went on a month-long diet of nothing but McDonalds meals to prove health hazards of the fast-food industry.

Answer: Super Size Me

15. The message ordering the move that began this battle was delivered by Captain Nolan from Lord Raglan, the British general commander, to Lord Lucan, the cavalry commander. Lucan misinterpreted the communique and sent his troops into this battle along the wrong path. This proved a grave error as over two-thirds of the soldiers were killed here after they became surrounded on three sides by the opposing Russians who were defending Sebastopol. For ten points, name this battle of a mid-nineteenth century war that was memorialized in a famous poem by Tennyson.

Answer: the Battle of Balaklava

16. Greatheart is a guide here through streets named after nations: Britain Row, Italian row, Spanish Row, etc. It was established by Apollyon, Legion, and Beelzebub on the road to the Celestial City. Thomas Gibson Bowles used the name for the his “A Weekly Show of Political, Social, and Literary Wares,” as did a satire featuring Becky Sharp written by William Makepeace Thackeray. For ten points, name this place from *Pilgrim’s Progress* also known as a glossy celebrity magazine formerly edited by Condí Nast and Tina Brown.

Answer: Vanity Fair

17. An acoustic version of this device proposed by Scott Backhaus and Gregory Swift uses compressed helium in a bank of discs which expands and contracts with a series of sonic waves rather than external heat. Proposed as an alternative to steam engines, they can operate in reverse and can achieve the theoretical maximum efficiency of an engine. For ten points, give this type of engine named after the 19th century clergyman who proposed them.

Answer: Sterling engine

18. It’s a story about hate; the first two acts have lengthy monologues explaining how it happened. The first is by the captain of the guard Ferrando and the second is by Azucena, who is later apprehended by Count di Luna and ordered to be burned alive in revenge for tossing his brother into a fire so many years ago. Leaving Leonora at the altar, Manrico, the title character, leaves to rescue his mother in, for ten points, what Verdi concerning an itinerant entertainer?

Answer: Il Trovatore or The Troubadour

19. At first, he puzzles over varying Gospel accounts of two thieves crucified with Christ. Towards the end, he exclaims, “Christ have mercy on us!” He suffers from a kidney problem and has really bad breath. He wears a bowler hat, which irritates him. His coat pockets are stuffed with miscellaneous junk. Intellectual, talkative, and clownish, his name recalls the empire-building Russian prince. For ten points, name this Samuel Beckett character, called “Mr. Albert” by the Boy and “Didi” by Estragon.

Answer: Vladimir from *Waiting for Godot*

20. In order to get some extra money, he gave control of the Hudson Bay Company to his brother, Prince Rupert, and promised to reintroduce Catholicism at a “convenient time,” which never came. He claimed the throne on his thirtieth birthday and executed only one of the conspirators who killed his father. He had no legitimate heirs by Catherine of Braganza, and James II seized the throne upon his death. For ten points, name this restored Stuart monarch who reigned during the Great London Fire.

Answer: Charles II

21. His uncle Scopelinius taught him the flute and his family might have been related to the noble Aegeids. Through writing about Xenocrates, he gained a commission by Theron of Acragas; that work is contained in books celebrating victories won in the Olympian, Pythian, Nemean, and Isthmian games, the *Epinikia*, his only complete extant work. For ten points, name this chief lyric poet of ancient Greece, famous for his choral odes.

Answer: Pindar

22. This river valley contains a 60-foot slab-roofed passage that gives onto a cross-shaped burial chamber with a 20-foot-high corbelled vault called New Grange in addition to other sites such as Knowth and Dowth. Rising in Kildare’s Bog of Allen, it flows past the site of the Irish monarchy’s seat at Tara before entering the Irish Sea just below Drogheda. For ten points, name this river that in 1690 saw the defeat of James II by William III.

Answer: Boyne River

2 UCI A Bonuses, Round 3

1. Name the following from J.D. Salinger's novel, *The Catcher in the Rye*:

- (a) For five, this is the protagonist of the work.

Answer: Holden Caulfield

- (b) For another five, the only person that doesn't piss Holden off is this character, his little sister.

Answer: Phoebe Caulfield

- (c) For ten, this is Holden's poetry covered memento from Allie, his dead brother.

Answer: Baseball glove or mitt

- (d) For ten, This English teacher used to teach Holden at Elkton Hills School; Holden suspects he might be gay.

Answer: Mr. Antolini

2. For ten points each, answer these related astronomy questions:

- (a) In March 2004, scientists discovered a tenth planet in our solar system. What name, after the Inuit goddess of the ocean, is given to this planet?

Answer: Sedna

- (b) Sedna is estimated to be slightly larger than this other icy planetoid, discovered in 2002 by the same team.

Answer: Quaoar [kwa-whar]

Although some astronomers argue that Sedna is actually part of the Oort cloud, most agree that Quaoar is part of this region from 30 to 50 AUs from the sun.

Answer: Leonard-Edgeworth-Kuiper belt

3. Answer the following analogs of classical concepts in quantum mechanics for ten points each.

- (a) This theorem says that for well-localized wave packets, the expectation values of momentum and potential obey a relationship similar to Newton's second law.

Answer: Ehrenfest's theorem

- (b) This concept is roughly analogous to the angular momentum of a microscopic particle, but is an intrinsic property of the particle rather than a result of rotation.

Answer: Spin

- (c) What impractical but conceptually useful experiment used this property to separate particles of different spin by passing a stream of particles through a magnetic field, thus showing spin quantization?

Answer: Stern-Gerlach apparatus or experiment

4. Calvin Coolidge is better remembered for what he said than what he did in office. Answer these anecdotal questions for 10 points each:

- (a) President Coolidge was nicknamed "Silent Cal." One day, when a reporter told Coolidge that someone had made a bet that he couldn't get more than two words out of Coolidge, what was his famous two-word reply?

Answer: "You lose."

- (b) Identify the word that completes Coolidge’s famous saying: “The business of the United States is _____.”
Answer: business
- (c) Identify the word that completes Coolidge’s other famous saying: “The man who builds a factory builds a _____.”
Answer: temple
5. Name these Latin-American composers for 15 points each:
- (a) This Brazilian composer of 12 symphonies collected material on folk music, but he is best known for his tribute to J.S. Bach, *Bachianas Brasileiras*.
Answer: Heitor Villa-Lobos [VEE-la LOH-bush]
- (b) This Argentine composer of Norwegian descent wrote the piano suite *Danzas Argentinas* and the ballet *Estancia*.
Answer: Alberto Ginastera [SHE-na-ste-ra]
6. There are six hadd crimes in the Sharia for which the penalty is fixed. For ten points each,
- (a) This term for Islamic law literally means “the path leading to the watering place.”
Answer: Sharia
- (b) The most well known, this is the punishment for theft.
Answer: amputation of the hand or foot (accept equivalents)
- (c) How many lashes should one receive for slander or drinking alcohol?
Answer: 80
7. Name these 20th-century poets for ten points each:
- (a) This Mexican-American author of *Working in the Dark* and the poem “I Am Offering This Poem” taught himself to read and write while in prison.
Answer: Jimmy Santiago Baca
- (b) So much sucks // about // his red wheel // barrow
Answer: William Carlos Williams
- (c) In 1951, this poet of “A Vast Confusion” co-founded a literary magazine, a publishing house, and a bookstore—all of them called City Lights.
Answer: Lawrence Ferlinghetti
8. Name these utopian communities for ten points each:
- (a) Known today for its fine china and silverware, this community of “perfectionists” in New York was based on its principles of free love and open marriages.
Answer: Oneida Community
- (b) Writer Nathaniel Hawthorne lived in this Massachusetts community briefly, and he wrote about his experience there in his *Blithedale Romance*.
Answer: Brook Farm

- (c) Surrounded by slaveholding neighbors, this short-lived community started by Englishwoman Frances Wright in Memphis, Tennessee served as a communal haven for freed slaves.
Answer: Nashoba
9. For ten points each. . . name these assistant secretaries of the Navy.
- (a) Under McKinley, he campaigned for war with Spain and then organized the 1st Volunteer Cavalry.
Answer: Theodore Roosevelt
- (b) After touring naval bases as assistant secretary of the Navy during World War I, his wife found out about his affair with Lucy Mercer.
Answer: Franklin Delano Roosevelt or FDR
- (c) This deputy secretary was promoted to secretary of the Navy in 1944 and later became the first secretary of defense upon its creation in 1947.
Answer: James V. Forrestal
10. Name these islands for 10 points each:
- (a) This Massachusetts island, a former whaling center, was named from the Algonquin words for “narrow-tidal-river-at.”
Answer: Nantucket
- (b) This Massachusetts island, also a former whaling center, was named by English settlers for its abundance of wild grapes.
Answer: Martha’s Vineyard
- (c) From the Algonquin words for “separated-island-at,” this island to the east of Martha’s Vineyard was where Senator Edward Kennedy had an automobile accident in 1969.
Answer: Chappaquiddick
11. For five points each and a bonus five for all correct, identify the actor or actress who provided the voice of these characters from *Shrek 2*:
- (a) Puss-In-Boots
Answer: Antonio Banderas
- (b) Princess Fiona
Answer: Cameron Diaz
- (c) Queen Lillian
Answer: Julie Andrews
- (d) Prince Charming
Answer: Rupert Everett
- (e) The Ugly Stepsister
Answer: Larry King
12. The following question is presented in stereo where available. For ten points each, give the following related organic chemistry terms.

- (a) This is the term for isomers that have the same atomic geometry and connectivity, but differ in spatial arrangement. An example is an enantiomer.
Answer: Stereoisomers
- (b) This is the term for a reaction that produces the same stereoisomer every time.
Answer: Stereoselective
- (c) This is a reaction that faithfully produces a different stereoisomer, depending upon the original molecule. Every reaction with this characteristic is stereoselective.
Answer: Stereospecific
13. Answer these questions on a certain trio in Greek myth for the stated number of points:
- (a) For ten points– what is the Greek name for the trio of goddesses known to us as the Fates?
Answer: Moerae or Moirai
- (b) For ten points– all or nothing – name the three goddesses known as the Fates.
Answer: Lachesis, Clotho, and Atropos
- (c) To the Romans, they were known as the Parcae [pah - KAY]. For five points each, name the three Roman fates.
Answer: Nona, Decuma, and Morta
14. Identify the author, 30-20-10.
- 30 He wrote the massive biography of Jan Hofmeyr, who argued for closer British ties until the Jameson Raid.
- 20 While director of the Diepkloof Reformatory, he wrote *Too Late the Phalarope* as well as his most famous work.
- 10 That work is the story of Steve Biko, *Cry the Beloved Country*
Answer: Alan Paton
15. Name these people of Indian descent on a for ten points each:
- (a) Emerging from the Indian community in Fiji, he is the current #1 golfer in the world.
Answer: Vijay Singh
- (b) She gained literary prominence by winning the Pulitzer Prize in Fiction for her debut short-story collection, *Interpreter of Maladies*.
Answer: Jhumpa Lahiri
- (c) After coming to the United States to study at Caltech, he co-founded Hotmail, which he sold to Microsoft for \$400 million in 1996.
Answer: Sabeer Bhatia
16. Only four copies of his *Arcana coelestia* were sold. For ten points each. . .
- (a) Name this Swedish mystic and scientist, who claimed celestial visions.
Answer: Emanuel Swedenborg or Swedberg

- (b) One of those copies was bought in Königsberg by this man, who mocked the “sundry airy thought-worlds . . . of fraudulent concepts” in *Dreams of a Ghost-Seer*.
Answer: Immanuel Kant
- (c) Kant’s schedule was so regular that people would set their watches to three upon Kant’s afternoon stroll. One notable exception was when Kant missed his walk because he had been so engrossed in *Émile* by this author.
Answer: Jean-Jacques Rousseau
17. Answer these questions about a nineteenth century religious movement in Britain for ten points each:
- (a) Also known as Tractarianism, this movement centered at its namesake university sought to restore high doctrine and ceremony to the Church of England.
Answer: Oxford Movement
- (b) Inspired by John Keble’s sermon, “National Apostasy,” the Oxford Movement’s ideas were enunciated in this collection edited by John Henry Newman.
Answer: 90 Tracts for the Times
- (c) Westcott and Holland founded this organization to help the poor and resist the extremist ideas of the Protestant central government. In the 1950s an organization with the same name and similar mission was founded in Catholic southern Germany; today it is headed by Edmund Stoiber.
Answer: CSU or Christian Social Union or Christlich-Soziale Union in Bayern
18. Answer these related theater questions for 10 points each:
- (a) Founded in 1898, this prestigious Russian company trains students and amateur actors on the works of Chekhov and Gorki. Since 1913, the company has become more experimental.
Answer: Moscow Art Theater
- (b) One of the co-founders of the Moscow Art Theater, this director and teacher, born Konstantin Alexeyev, stressed the psycho-physical integrity of stage action—i.e., Method acting.
Answer: Stanislavsky
- (c) This other co-founder of the Moscow Art Theater produced *The Brothers Karamazov* in 1910. Later in his life he became a famous opera director.
Answer: Vladimir Nemirovich-Danchenko
19. Answer the following questions on the Edith Wharton novel *Ethan Frome* for ten points each:
- (a) She is Ethan’s hypochondriac wife who makes Ethan’s life miserable.
Answer: Zenobia “Zeena” Frome [accept either name]
- (b) Ethan Frome becomes infatuated with this orphan who comes to live with the Fromes.
Answer: Mattie Silver (accept either)

- (c) Name the only property that Mattie owned, which was sold for \$50 so that she could move in with the Fromes.

Answer: a piano

20. Name these reporters for 10 points each:

- (a) This late news anchorman on K-CAL TV, Channel 9 was—according to creator of *The Simpsons* Matt Groening—the inspiration for Kent Brockman.

Answer: Jerry Dunphy

- (b) His new memoir, *Burning Down My Masters' House*, describes his experience as a reporter for the *New York Times*. Identify this African-American journalist, fired by the Times for making up several stories.

Answer: Jayson Blair

- (c) This reporter for the *Washington Post* recently published the book *Plan of Attack*, in which he depicts George W. Bush as a single-minded man determined to go to war with Iraq.

Answer: Bob Woodward

21. Name these “international” endeavors for 10 points each:

- (a) High-school students participating in this program take exams in specific subject areas. Their scores are accepted in most countries as a qualification for entry to higher education.

Answer: International Baccalaureate

- (b) Also known as the World Court, this court of 15 judges was established by the United Nations for settling international legal disputes.

Answer: International Court of Justice

- (c) Originally based in Monaco and now based in Lyon, France, this organization shares intelligence on international criminals and assists its members in tracking down fugitives.

Answer: International Criminal Police Commission or Interpol

22. Name these Chinese food plants for 10 points each:

- (a) These fruits are about the size of golf balls, maroon in color, and covered with a spiky skin. When that is peeled off, translucent white flesh is revealed.

Answer: Lychee or Li Zhee

- (b) This is a yellow fruit, somewhat oblong in shape. Its skin is soft and easily peeled, and the flesh is yellow and tangy. It shares its name with a Chinese musical instrument.

Answer: Pi Pah or Loquat

- (c) This is a melon, pale green in color, that has a very irregular surface with all sort of little bumps. It is named for its very unique taste, which is caused by quinine.

Answer: Bittermelon or Ku Gua