

# Technophobia IX Round 4

USC A  
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## 1 USC A Tossups, Round 4

1. It was razed by Horemheb and Ramses II reused the stone blocks of its temples for his work at nearby Hermopolis. Built about 1348 BCE, its primary buildings line the royal way, but the royal tomb where Meketaton is buried lies to the east. Its importance, however, was short-lived; upon taking the throne, Tutankhamen restored the old religion and moved the capital back to Thebes. Located halfway between Thebes and Memphis, for ten points, name this city dedicated to Aten, capital of Egypt under Ahkenaton.

**Answer:** Tell el-Amarna

2. Give the shared last name. Buddy is the narrator of *Raise High the Roof Beam*, his older brother meets a woman in the elevator, who claims that she only “happened to be looking at the floor,” and was not gawking at his feet; he later spins yarns for Sybil Carpenter on the beach before killing himself without waking his wife, Muriel. Seymour’s younger brother thinks he’s talking to Buddy, only to find out that he is really talking to his sister, who just got back from a date with the snobby Lane Coutell. For ten points, give the common last name of Franny and Zooey, members of a family created by J.D. Salinger.

**Answer:** Glass

3. It’s highest point is Mount Chirripó in the Cordillera de Talamanca range. The Río Grande de Tárcoles drains the western half, while its eastern half is drained by the Reventazón river. Also On the Caribbean coast lies Tortuguero, named for the plethora of sea turtles, and in the west is Monteverde, a Quaker settlement founded after the country abolished its army in 1949, making it considerably more stable than its neighbor to the north. For ten points, name this Central American country, with capital San Jose.

**Answer:** Republica de Costa Rica

4. Madeira is allowed to impose non-uniform rates, while the Canary Islands, Ceuta and Melilla, Gibraltar and the Aland Islands are exempt. Begun in 1954 in France to replace the turnover system, it sought to eliminate the pressure of mergers when a good was repeatedly sold; under the current system mandatory in the EU a seller’s liability is the difference between the taxes collected and the taxes already paid on the product. For ten points, name this system that incrementally taxes purchases used the UK, Canada, and most European nations.

**Answer:** Value Added Tax or

Goods and Services Tax

5. In the top right corner, a woman in red standing in front of oriental tapestries rolls up her sleeve while watching a bent-over woman in white get something from a chest. In the foreground, on a red bed with white sheets and a tiny dog, lies the painting’s most prominent feature: a naked woman with a flower and bracelet, looking invitingly at the viewer. The inspiration for Manet’s *Olympia*, For ten points, name this 1538 work by Titian.

**Answer:** Venus of Urbino

6. First drafted from San Jose State in 1984, he played his first league game in 1987. A three-time All-Star, he was named the National League’s Most Valuable Player in 1996. But his luster wore off in 2002 when he admitted to using steroids during his MVP season. For ten points, name this former Houston Astros’ third baseman who died in October 2004 of a drug overdose.

**Answer:** Ken Caminiti

7. Shelly wrote of this event “as the whole nation lifted up its voice . . . spies went forth,” and the greatest devastation was caused by the 15<sup>th</sup> Hussars and the Cheshire Volunteers, who joined the attack after Wallace’s cry “God armeth the Patriot” was taken up. Organized by Henry Hunt as a call for parliamentary reform, for ten points, name this 1819 massacre at St. Peter’s Fields in Manchester likened to Waterloo.

**Answer:** Peterloo Massacre, accept anything about St. Peter’s Fields and killing before it’s mentioned

8. In “the Ledger,” we learn Crystal steals post-it notes from *Happy Time*, while the protagonist, after the inevitable happens, steals a Mustang from Xavier, a man hawking a mini-guillotine for food processing. Earlier, the protagonist’s sister Reggie had been stealing toilet seats and putting them in a tree as a means of coping with George’s death when a toilet from MIR fell from the sky. For ten points, name this Showtime series about a bunch of reapers led by Mandy Patinkin’s Rube that stars Ellen Muth.

**Answer:** Dead Like Me

9. In 1929, Ernst Schwarz examined the skull found in a Belgian colonial museum and realized that he had discovered a new species. They are lankier and slimmer than chimps, and are the smallest “great ape.” Primatologist Frans de Waal has extensively studied their unique social patterns. Non-related females form alliances through genito-genital rubbing, the only primate where this behavior is observed; their sexual conflict resolution also seems to allow food sharing. For ten points, name this amorous ape that shares 98% of its DNA with humans.

**Answer:** bonobo or pygmy chimpanzee or Pan paniscus

10. Born in 1904, at the age of sixteen he went to France in a work-study program, but dropped out to work as a kitchen worker and a boot-maker. When he returned home, he became a leader of the Kiangsi Soviet and, after a stint as the Second Field Army’s commissar, became general secretary in 1954. Discredited along with Liu Shaoqi during the Cultural Revolution, with Zhou Enlai’s help he prevailed against the Gang of Four. For ten points, name this man, who was until his 1997 death the most powerful man in China.

**Answer:** Deng Xiaoping or Xiansheng

11. Described and named by John Kerr in 1972, a cell becomes rounded because of the action of caspases on the cytoskeleton and the chromatin condenses. After the lamin degrades, karyorrhexis occurs and the cell is phagocytosed. A part of its pathway is the p53 protein degraded by E6 is affected by the HPV, which can lead to cancer, although it serves a useful purpose in development, allowing webbed fingers to separate and lens cells to become transparent. For ten points, name this process of programmed cell death.

**Answer:** apoptosis [AH-pah-TOH-sis]

12. Formed by Rick Nielsen and Tom Petersson, this band started as the unsuccessful “Fuse” in the late 1960s in Rockford, Illinois and later moved to Philadelphia as “Sick Man of Europe.” After an unsuccessful European tour, the band returned to Illinois where it took its current name. Their self-titled first album was a hit, but their second album, *In Color* only peaked at 73 in America. For ten points, name this band that made such hits as “Surrender” and “I Want You To Want Me” that Homer Simpson prefers over his own voice.

**Answer:** Cheap Trick

13. Hermans et al. were the first to use it to approach protein folding, while Nathalie Prevost has applied it to language evolution. It got its name in a 1928 paper by Heisenberg, and the idea

of using a regular array of bimodal lattice sites was validated when Kramers and Wannier used a two-dimensional one to calculate the Curie temperature. For ten points, identify this model proposed in a 1925 doctoral thesis by a German physicist to explain ferromagnetism.

**Answer:** Ising model

14. Taking place over the course of seven days, Narrated as a series of Powerbook entries, the story of characters who like flat foods like Kraft singles. Michael gets a flame that “[wails] on a chunk of code” for the e-mail system, and all of the characters live in fear of Bill. Once they finally tire of Microsoft, Todd, Susan, Michael, Abe, Bug Barbecue, and Dan set out on their own to form a startup called Oop! A story about computer culture in the 1990s, for ten points, name this Douglas Coupland work which sounds like it’s about small peons.

**Answer:** Microserfs

15. A specialist of historical paintings and ivory sculptures, this Yale grad was teaching art at the University of the City of New York when he became obsessed with a new scheme with industrialist Alfred Vail and physicist Joseph Henry. In 1844, his lobbying efforts for a prototype line between Baltimore and Washington came to fruition. For ten points, name this onetime artist who transmitted the message “What hath God wrought” on his telegraph.

**Answer:** Samuel Finley Breese Morse

16. His first book references *Pilgrim’s Progress* and has chapter titles like “I Begin a Pilgrimage” and “An Approach to the Delectable Mountains” that showcase the slang he picked up while serving in a French internment camp for treason. After *The Enormous Room*, he got his poetic start in 1923, though, with the assistance of classmate John Dos Passos, in his collection *Tulips and Chimneys*, while further collections included *VV* and *Adventures in Value*, a collaboration with his third wife, Marion Morehouse. For ten points, name this poet, most famous for his dislike of capital letters and punctuation.

**Answer:** e e cummings

17. It lasted for almost 5 years. Though it was only supposed to use existing technology, automatic blood pressure and oxygen level detectors were created for it to enhance safety. Begun in 1958, it satisfied its simple goals using a modified Atlas missile: to orbit around earth and come back safely. For ten points, name this first series of manned space missions, which shares its name with the planet closest to the sun.

**Answer:** Mercury

18. He resigned from the army twice. The second time in 1862 after getting trounced by Stonewall Jackson in the Shenandoah Valley Campaign and being placed under Pope. The first time was after Commodore Stockton made him a major and General Kearny tried had him court-martialed for overstepping his authority in accepting the Spanish’s surrender at Cahuenga Pass. President Polk set his punishment aside, however, and he remained popular enough to win the 1856 republican nomination. For ten points, name this leader of the “Bear Flag Revolt.”

**Answer:** John C(harles) Frémont

19. Their animist religion reveres the bear, the avatar of Chira-Mante-Kamui. Their men typically have dark brown beards, and their women similarly had heavy tatoos around their mouths. Their epic is the *Yukar* and they are supposedly descended from the Emishi. In the 15th century, these successors of the Jomon were exploited and shunned by the Bakufu, who brought in thousands of settlers and smallpox into Sapporo. For ten points, name this indigenous people of Hokkaido.

**Answer:** Ainu

20. He was called upon while threshing wheat. The following day he was told to destroy the altar to Baal and construct one to God. Having done this, he led the Israelites against the Madian and Amalec tribes. After sending most of his army home, his men broke jars with torches in them, and blew trumpets, resulting in divinely inspired confusion in their foes. For ten points, name this Old Testament judge, namesake of a organization known for hotel room bibles.

**Answer: Gideon** (do not accept Gideons, we're asking for the person)

21. In apothecary weight, it is equivalent to an eighth of an ounce or 60 grains, but in ancient times was the equivalent of 66.5 grains. It used to be divided into six oboli, but when it became the currency of a newly independent nation, this currency name means "to grasp" was divided into 100 lepta. What currency featured the inventor of the Pap smear test on the 10,000 note and was, for ten points, the main currency of Greece until it was replaced by the Euro.

**Answer: drachma**

22. This title character first appears as a little boy of eleven bidding his beloved school teacher farewell; years later, after his children die in a murder-suicide "because we were too many," he meets Richard Phillotson again in Christminster, who is now shacking up with his Sue Bridehead, the mother of two of his three children. For ten points, name the tragic titular protagonist of a Thomas Hardy novel.

**Answer: Jude Fawley**

also accept Jude the Obscure

## 2 USC A Bonuses, Round 4

1. We know you just can't wait to answer a bonus on The Princess Diaries. So here it is, for ten points each:

- (a) The heroine of the film is Mia Thermopolis, a young woman who discovers that she is the heir to this fictional kingdom.

**Answer: Genovia**

- (b) Mia's guide to being a princess is played by this woman famous for her work on musicals.

**Answer: Julie Andrews**

- (c) Mia's love interest in the first film is Michael, played by Robert Schwartzman. What current band is he the frontman for?

**Answer: Rooney**

2. 30-20-10: Name the Nobel Laureate.

30 He designed magnetic and acoustic mines for the British Admiralty in World War II.

20 In 1988, he wrote a memoir entitled "What Mad Pursuit", 20 years after his famous colleague wrote his own memoir.

10 In 1962, he won the Nobel Prize for the discovery of the double-helix structure of DNA along with James Watson.

**Answer: Francis Crick**

3. Name these books with characters named Elizabeth, for ten points each.

- (a) In this 1818 novel, Elizabeth is good, angelic, and, by the end of the novel, dead, since Victor misunderstood a threat of revenge.

**Answer: Frankenstein**

- (b) In this 1813 work, Elizabeth is courted by Mr. Wickham but ends up marrying Henry Fitzwilliam.

**Answer: Pride and Prejudice**

- (c) In this 1953 work, Elizabeth is angry at John when she discovers his affair with Abigail – but doesn't really mean to indirectly cause his death.

**Answer: The Crucible**

4. Identify the following players making the headlines in the 2004 Major League Baseball playoffs, for ten points each

- (a) This Houston Astros center fielder tied Barry Bonds' record for most home runs in the post-season, hitting 8 in his first 9 games.

**Answer: Carlos Beltran**

- (b) This Boston Red Sox leadoff man powered the Sox to their Game 7 victory against the Yankees with two home runs, including a grand slam.

**Answer: Johnny Damon**



- (c) This expensive Yankees acquisition tried to cheat his way to first base, in Game 6 versus the Sox, but was ruled out for interference after the umpires conferred.

**Answer: Alex Rodriguez**

5. Based on the title of the works provided, name the artist who created them, for ten points each:

- (a) The Arnolfini Portrait, The Ghent Alterpiece

**Answer: Jan van Eyck**

- (b) Judith Slaying Holofernes, Susanna and the Elders

**Answer: Artemisia Gentilleschi**

- (c) The Treachery Of Images, Le jockey perdu

**Answer: Rene Magritte**

6. For ten points each, name these characters from ancient Rome:

- (a) Robert Graves is credited for "translating" the diary of this lame Roman Emperor.

**Answer: Claudius**

- (b) Claudius was poisoned by this mother of Nero.

**Answer: Agrippina**

- (c) Claudius' main nemesis was this controlling wife of the emperor Augustus. She also happened to be his own grandmother.

**Answer: Livia**

7. Sweden started off the war well until Peter the Great won the Battle of Poltava in 1708. \Fpte :

- (a) Name this conflict.

**Answer: The Great Northern War**

- (b) Name the young king of Sweeden during the war.

**Answer: Charles XII**

- (c) FTP, this treaty ended the Great Northern War, elevating Russia to a world power.

**Answer: Treaty of Nystad**

8. Now Professor of International Political Economy at Johns Hopkins, this man became famous, or infamous, for claiming in 1989 the historical superiority of capitalism and liberal democracy. for ten points each

- (a) First, name this man:

**Answer: Francis Fukuyama**

- (b) Give the four-word title of Fukuyama's article:

**Answer: The End of History**

- (c) Now name the 19<sup>th</sup>-century scholar and father of the dialectic whom Fukuyama cited for his definition of history as a "single, coherent, evolutionary process":

**Answer: C.W.F. Hegel**

9. It sought to exclude a priori or metaphysical speculations, limiting analysis to experience. For ten points each, name:

(a) This philosophy, whose six volume "course" was complete between 1830 and 1842, only slightly delayed by a nervous breakdown of its French author.

**Answer: positivism**

(b) This author of *Subjective Synthesis* and *Course of Positive Philosophy*, also widely regarded as the founder of sociology.

**Answer: Marie Auguste Francois Xavier Comte**

(c) The organization Comte thought should serve as a model, divorced of its dogma, for the organization of society in his *System of Positive Polity*

**Answer: Catholic church (accept equivalents)**

10. Given the first line of a Shakespeare work, name the work for ten points each, 5 if you need the speaker.

10 Hence! home, you idle creatures, get you home!

5 Flavius

**Answer: Julius Caesar**

10 Who's there?

5 Bernardo

**Answer: Hamlet**

10 If music be the food of love, play on,/Give me excess of it

5 Orsino

**Answer: Twelfth Night**

11. Answer these questions about large US islands, for ten points each:

(a) This is the largest island in the US.

**Answer: Hawaii**

(b) This island, the tenth largest in the US, at just over 1400 square miles, is the biggest to belong to a contiguous state.

**Answer: Long Island**

(c) The largest island in California at a paltry 96 square miles; it is the largest of the Channel Islands.

**Answer: Santa Cruz Island**

12. It can be interpreted as, among other things, a biting criticism of the Soviet power structure, and Mick Jagger cited it as an inspiration for the song "Sympathy for the Devil."

(a) For 5 points, name this magnum opus of Russian Mikhail Bulgakov.

**Answer: The Master and Margarita**

(b) For 10 points, what was the name of the talking black cat that accompanies the human incarnation of the devil in tormenting society?

**Answer: Behemoth**



- (c) Finally, interspersed with the story of the devil in Moscow is that of the emotional turmoil of a man who sentences another to death. For 5 for one, 15 for both, who are these two men?

**Answer:** Pontius Pilate and Jesus Christ (accept Yeshua Ha-Nostri)

13. It was Commodore Edward Preble's flagship during the Tripoli campaign, and the peace treaty was signed there. For ten points each:

- (a) Name this oldest commissioned ship afloat.

**Answer:** USS Constitution or Old Ironsides

- (b) Name the captain of the USS Constitution during the War of 1812.

**Answer:** Captain Isaac Hull

- (c) This was the 38-gun British frigate the Constitution sank on August 19, 1812, 400 miles southeast of the British base at Halifax.

**Answer:** HMS Guerriere

14. Given a character from Norse mythology, give the animal most closely associated with it, for ten points each.

- (a) Audhumla; she licked ice blocks to free a man. He became the grandfather of Odin.

**Answer:** cow

- (b) Geri; served as a companion to Odin along with Freki. They receive Odin's food in Valhalla.

**Answer:** wolf

- (c) Arvak; along with Alsvith, he pulls the chariot carrying the sun.

**Answer:** horse

15. Answer these questions regarding amino acids for ten points each:

- (a) This is amino acid all proteins begin with which may be cleaved off during synthesis.

**Answer:** methionine

- (b) Name the element that only methionine and cysteine both have that is not found in any other amino acid represented in the genetic code.

**Answer:** sulfur

- (c) This the only other amino acid besides methionine that is only produced by only one of the 64 codons.

**Answer:** tryptophan

16. Given a beta star, name the constellation, for ten points each. You will receive 5 if you need the alpha star.

10 Rigel

5 Betelgeuse

**Answer:** Orion

10 Graffias

5 Antares

**Answer:** Scorpio

10 Albireo

5 Deneb

**Answer:** Cygnus

17. Name these British queens of French origin for ten points, or for five points if you need her husband:

10 Daughter of King Charles VI of France, she later had several children with Owen Tudor and was the grandmother of King Henry VII of England.

5 Henry V

**Answer:** Catherine of Valois

10 Her 1308 marriage to an English king was arranged to settle questions about England's possessions in France.

5 Edward II

**Answer:** Isabelle of France

10 A driving force in the Wars of the Roses, she fought against the forces of the Duke of York until the Battle of Tewkesbury ended her campaign.

5 Henry VI

**Answer:** Margaret of Anjou

18. For ten points each, given the candidates, name the state home to the respective Senate race.

(a) Barack Obama vs. Alan Keyes

**Answer:** Illinois

(b) Inez Tenenbaum vs. Jim DeMint

**Answer:** South Carolina

(c) Patty Murray vs. George Nethercutt

**Answer:** Washington

19. Its history is described by *The Deeds of the 63 Illustrious Men*, and its most revered individuals are the 24 Tirthankaras. For ten points each...

(a) Name this religion of India.

**Answer:** Jainism

(b) This central tenet of Jainism means "noninjury."

**Answer:** ahimsa

(c) Jainism's quick success and continued survival was because it coexisted with the surrounding Hindu majority by coopting figures like this eighth incarnation of Brahma, whom they believe to be a cousin of the 22nd Tirthankara.

**Answer:** Krishna

20. Answer the following about books that might annoy an allergy sufferer.

- (a) This Virginia Woolf book begins with a line saying that the title character “would buy the flowers herself.”

**Answer:** Mrs. Dalloway

- (b) In this recent novel by Swiss writer Zoë Jenny, a best seller in Europe, the titular room becomes a masoleum caked with yellow when Jo’s [yohs] mother’s live-in artist boyfriend commits suicide.

**Answer:** The Pollen Room or Das Blütenstaubzimmer

- (c) In this author’s short story *The Odour of Chrysanthemums*, an overwrought Elizabeth Bates realizes that Walter might not just be sleeping one off.

**Answer:** David Herbert Lawrence

21. For ten points each, name the following components of the eye from their descriptions.

- (a) The varying presence of this pigment molecule accounts for the different colors of the iris.

**Answer:** melanin

- (b) These proteins allow for the cytoplasm of lens cells to have a constant index of refraction.

**Answer:** crystallins (or crystallin proteins)

- (c) This lining behind the retina absorbs all light the retina has not – preventing light from scattering and blurring vision.

**Answer:** retinal pigment epithelium

22. Give these names from L.A. Confidential, for the stated number of points:

- (a) For ten points per answer, name the Australian actors who played Bud White and Ed Exeley, who went on to play Jack Aubrey and Leonard Shelby?

**Answer:** Russell Crowe and Guy Pearce

- (b) Through the film, the protagonists White and Exeley investigate a massacre at – for ten points– what coffee shop?

**Answer:** The Night Owl