

# Technophobia VIII

## Round Five

Berkeley A

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November 10, 2003

### 1 Berkeley Tossups, Round Five

1. Minor characters in this film include Guo-Yi, a philosophical coroner's assistant who isn't very good at chess, and Juliet; a hooker who beats up one of her tricks when he gets too rough. Both are friends of Okwe, who does speed in order to maintain his jobs as a porter and a cab driver and lives with Turkish refugee Senay (Shan-Eye). Both of whom work for Señor Juan in the Baltic Hotel and end up embroiled in London's sordid organ-smuggling underground. For ten points, this describes the plot of what 2003 Stephen Frears film about illegal immigrants with Audrey Tatou?

**Answer:** Dirty Pretty Things

2. Afterwards his expulsion from school, he turned to community work in and around Durban, but found himself under house arrest by early 1973. He was arrested four times between 1975 and 1977 and subjected to severe interrogation, finally sustaining a massive head wound during an interrogation in Port Elizabeth, after which he was left chained to a fence without food or water for three days, and eventually died of cerebral hemorrhage en route to a hospital in Pretoria. Eulogized in both a track on Peter Gabriel's third self-titled album and a 1987 film starring Denzel Washington, this is — for ten points— what anti-apartheid martyr and founder of the Black Consciousness Movement.

**Answer:** Stephen Biko

3. If this statement is taken axiomatically, the form of the kinetic energy of a particle can be derived from it. When this statement is coupled with the homogeneity and isotropy of free space, both linear and angular momentum are derivable through the Lagrangian. It is the foundation of the calculus of variations and one example of it is Fermat's principle, which states that a beam of light will take the path through a medium such that the time it spends in the medium is an extremum. For ten points, identify this principle postulated by Hamilton which states that a system's trajectory always maximizes or minimizes the action integral.

**Answer:** Principle of Least Action

4. In an Oscar Wilde short story, one of these creatures stains a white rose red with its blood to help a lovelorn student. Tennessee Williams wrote a prison drama that is "not about" them, and T. S. Eliot wrote a poem placing Sweeney among them. One appears in a poem which ends, "Was it a vision, or a waking dream? / Fled is that music:—do I wake or sleep?" That poem begins, "My heart aches, and a drowsy numbness pains / My sense, as though of hemlock I had drunk." For ten points, name this type of bird, the subject of a John Keats ode.

**Answer:** Nightingales

5. In an introduction to this film, a critic writes of “the sudden rise to fame, the sudden plunge to nothingness.” It is almost a biographical picture of the lead actress: both the actress and the character had their names changed, both returned to the screen after a period of absence, both believe that the show must go on despite tears and tribulations, but while the actress was only nominated for the Oscar, the character actually wins it for *A World for Two*, after which her husband accidentally slaps her. For ten points, Judy Garland re-enacts her own life in what George Cukor musical?  
**Answer:** *A Star Is Born*
6. The chapter entitled “Formal Sex Relations” discusses various wooing practices, including those of hiring a go-between called a *soa*. “The Attitude Towards Personality” analyzes the easygoing relations between the inhabitants of the titular location and introduces an attitude called *musu*, which indicates a general unwillingness. For ten points, identify this anthropological work about growing up on a particular island in the South Pacific, written by Margaret Mead.  
**Answer:** Coming of Age in Samoa
7. The identity of the title character is not disclosed until the third act, in which, having given his name, he cannot lead the army of Brabant against the Hungarians but must instead return to Monsalvat. He first appears in a boat drawn by a swan to answer the prayers of Elsa, whom her guardian Telramund accuses of killing her brother Gottfried. Unbeknownst to Elsa, however, Gottfried had been enchanted by Ortud, wife of Telramund and turned into the swan that bears the titular character to Elsa. For ten points, identify this Richard Wagner opera whose title figure is the son of Parsifal.  
**Answer:** Lohengrin
8. In the early part of the nineteenth century, this phylum grouped with cnidarians [ny-dare-ee-ans] in a separate subkingdom known as Radiata. Although capable of sexual reproduction, the patterns of reproduction are not well understood; the Japanese feather star, for instance, only spawns with the phases of the moon. Better understood is asexual reproduction by fission, and some species reproduce only through this method. In one species, so long as a portion of a body, or disk, is associated with an arm, a new starfish will regenerate. For ten points, identify this phylum whose name literally means “spiny skin.”  
**Answer:** Echinodermata
9. Her dreams about a “salsa-smeared Antonio Banderas rolling naked on a tortill” signaled a reawakening interest in sensuality which resulted in *Aphrodite: a Memoir of the Senses*, written three years after the death of her daughter Paula. Other recent works include *Daughter of Fortune* and *Portrait in Sepia*, but she is more famous for a novel written almost ten years after her uncle was deposed by Pinochet. For ten points, name this Chilean-born author of *The House of the Spirits*.  
**Answer:** Isabel Allende
10. 30,000 are believed to have died near the end, following the especially vicious fighting of “The Bloody Week” in Belleville and Menilmontant, and an additional 7,000 found themselves exiled to New Caledonia. Led by Louis-August Blanqui, it put a moratorium on wartime debts and banned pawnshops, and formally separated church and state institutions. Following several weeks of relative peace, members finally clashed with forces of the exiled Versailles government on April 2, falling back behind the city wall and maintaining resistance until collapsing in late May. For ten points, name this irate group of Frenchmen that maintained control of their namesake city from March to May, 1871.  
**Answer:** The Paris Commune
11. Of him, Red Auerbach once said “How good is blank? So great - he scares me.” This might seem exaggerated, but hardly when one considers that as a second-year player he averaged 30.8 points, 12.5 rebounds, and 11.4 assists a game. A decade of similar numbers and an MVP title weren’t enough to keep Cincinnati coach Bob Cousy from trading him to Milwaukee at the start of the 1970-71 Season. This proved pretty bone-headed, though, as Milwaukee had just acquired a rookie named Lew Alcindor [ahl-sin-door], and the two combined to walk all over the league, finally crushing the Washington Bullets winning the title. For ten points, name this man, nicknamed “Big O” and one of the most versatile

players in NBA history.

**Answer:** Oscar Robertson

12. It was first compiled in 1835 and a second addition was published in 1849. The constituent poems are all in trochaic tetrameter. Besides its three better-known protagonists, it also tells the story of Kullervo who unknowingly seduces his sister and later commits suicide. It also tells the story of the forging of the Sampo by the smith Ilmarinen, which could grind out either prosperity or plague. Another of its heroes is the hunter Lemminkäinen, whose mother rakes his remains out of the lake of Tuonela and restores him to life after he is killed in the land of Pohjola. Best known for the adventures of the wizard and minstrel Vainamoinen, for ten points, identify this compilation of Finnish and Karelian folk songs, first compiled by Elias Lönnrot.

**Answer:** Kalevala

13. It was first discovered in a two-dimensional electron gas formed inside the inversion layer of a MOSFET which used silicon as the substrate and silicon oxide as the insulator. It comes about as a result of the creation of Landau levels in a magnetic field and the associated resistance depends only on the electron charge and Planck's constant. When the Fermi energy of the electrons lies between Landau levels, no motion from one level to another is possible, which leads to integral values for the resistance in terms of  $e$  and  $h$  and to fractional values for materials with high electron mobility. For ten points, the first Nobel Prize awarded in the area of semiconductor physics since the invention of the transistor went in 1985 to Klaus von Klitzing for the discovery of what an updated version of a classical effect?

**Answer:** Quantum Hall Effect

**Do don't prompt on or accept "Hall Effect"**

14. When it was first deployed following the "Great March West," it was known by a different name and comprised only 275 men. In 1920, it dropped the adjective "Northwest," and in 1974 it confirmed its first regular female members. During the 1990s, its duties expanded to include some international peacekeeping roles. It had its inspiration in the Royal Irish Constabulary and the push for its creation came from Sir John McDonald, whose initial intent was the creation of a force to stop liquor trafficking in the Northwest and collect customs duties. Known for its signature red uniform, for ten points, identify this law enforcement agency, the official federal police of Canada.

**Answer:** Royal Canadian Mounted Police

**Accept Mounties**

15. Distributions of animals and plants shifted toward the equator during this period, because the Earth became much cooler. Organisms must have adjusted to high-latitude ecological communities, because 4 major and 20 minor glacial episodes caused drastic climatic fluctuations. Many large birds and mammals became extinct in Australia and North and South America when *Homo sapiens* arrived. For ten points, name this geological period that began with the Pleistocene epoch, the present period of the Cenozoic era.

**Answer:** Quaternary

16. Originally trained as a philosopher, his first important work concerned suicide as a mass phenomenon of modern civilization. In 1891, he was elected to the Austrian parliament where he championed the independence of his homeland, while his disciples were responsible for the formation of the Realist party. He fled his homeland at the start of World War I together with Eduard Benes, forming his country's national council and Legion from abroad. In 1918 he became his country's president, although he continued to write, penning such works as *The Meaning of Czech History*. For ten points, identify this Czech statesman, considered the father of the now-defunct Czechoslovakia.

**Answer:** Thomas Masaryk

17. As chairman of the National Commission on Terrorism, he advocated the relaxation of CIA guidelines which restricted CIA cooperation with groups that have a record of human rights abuses. A long-time veteran of the State Department, he served under Henry Kissinger and Alexander Haig, and Ronald Reagan appointed him Ambassador to the Netherlands and later Ambassador-at-Large for

Counterterrorism. In his most famous post, he has established a central criminal court, removed all restrictions on the freedom of speech, approved an Interim Governing Council, and outlawed the Baath party. For ten points, identify this man who succeeded Jay Garner as the US Administrator in Iraq.

**Answer:** L. Paul Bremer, III

18. Home of the Light Rapid Transit Sky Train, a library designed by Moshe Safdie, and Stanley Park, this city was first settled in the 1860s, when it was called Gastown. Bordered by Burrard Inlet on the north, the Strait of Georgia on the west, and the Fraser River to the south, it is the third largest metropolitan region in Canada. For ten points, name this city opposite its namesake island in southwestern British Columbia.

**Answer:** Vancouver

19. The name of the titular figure is never given; the name of the protagonist is revealed in the end by a judge's court order declaring him missing. The protagonist is an entomologist who travels into the desert in search of a rare insect and becomes a captive of a group of villagers working to preserve their village against the onslaught of sand. During his captivity, he investigates different applications for various household objects in order to escape, and finally gets that opportunity when he impregnates the title character and she is driven into the city for medical care. For ten points, identify this Kobo Abe book about Nike Jumpei, who discovers a female figure in the sand.

**Answer:** The Woman in the Dunes

20. There is no such word as herring in his dictionary. He was once expelled from St. Cedd's College at Cambridge for somehow giving all the answers to an exam under hypnosis. He owns a calculator which can cast the I-Ching and calculates any quantity greater than 4 to be "A Suffusion of Yellow." He has charged Mrs. Sauskind 150 pounds for triangulating the vectors of interconnectedness of all things, but saving the world comes free. He has been to Valhalla with Kate Shechter and solved the mystery of the death of Gordon Way, which was caused by an Electric Monk. Originally named Svlad Cjelli, for ten points, identify this protagonist of *A Long Dark Tea-Time of the Soul*, whose holistic detective agency solves the whole crime and finds the whole person, a creation of Douglas Adams.

**Answer:** Dirk Gently

accept Svlar Cjelli before it is mentioned

## 2 Berkeley Bonuses, Round Five

1. Identify these magical items from Greek myth with a common link for the stated number of points.
  - (a) The messenger of the gods lent a certain son of Zeus this magical footwear, which allowed him to travel great distances in short periods of time by flying.  
**Answer:** winged sandals of Hermes
  - (b) The same son of Zeus further profited by the loan to him of this magical shield of the goddess of wisdom, which reflected the deadly gaze of his most famous adversary.  
**Answer:** Aegis of Athena
  - (c) You've probably figured out who this question is about by now. However, to bring back the Gorgon's head, Perseus also required the use of two other specific items, one for stealth and one for cutting through the Gorgon's thick hide. For 5 points each, identify these two items.  
**Answer:** diamond sword and cap of invisibility  
 accept equivalents, i.e. any mention of headgear + invisibility and diamond + sword
2. Since the Women's World Cup of Soccer has come and gone again, show a little patriotism by identifying these American players for ten points each.
  - (a) Undoubtedly the most famous women's soccer player ever, this Washington Freedom forward scored two goals in the rout of Nigeria, but sat on the bench during the game with North Korea despite the presense of fiancée Nomar Garciaparra.  
**Answer:** Mia Hamm
  - (b) This international newcomer and a teammate of Hamm's in Washington scored against Nigeria off of a Kristine Lilly delivery and scored another against North Korea. During the regular season she led the Freedom in goals and in 2002 was Rookie of the Year.  
**Answer:** Abby Wambach
  - (c) After tearing her ACL this spring, this San Diego Spirit midfielder came up big against North Korea, serving up the pass that allowed Cat Reddick to score her second goal.  
**Answer:** Shannon MacMillan
3. Identify the following people involved in a bizarre historical episode for ten points each.
  - (a) This man, best known for his work in mathematical logical logic won the Nobel Prize for Literature in 1950. He helped attract some of the greatest minds to Cambridge, where he was a professor.  
**Answer:** Bertrand Arthur William Russell, 3<sup>rd</sup> Earl Russell of Kingston Russell, Viscount Amberley of Amberley and of Ardsalla
  - (b) One such student was this author of *Tractatus Logico-Philosophicus*, who went to study with Russell in Cambridge.  
**Answer:** Ludwig Wittgenstein
  - (c) While in Cambridge, Ludwig got into the habit of taking long walks. One day, struck by a horrible attack of diarrhea, he ran to the nearest apartment building where this author of *A Shropshire Lad* lived. The professor of Latin at Trinity College, however, refused to let him in.  
**Answer:** Alfred Edward Housman
4. Know your African dictators. Name the dictators given descriptions for ten points each.
  - (a) A Lieutenant-General, he overthrew the regime of Presidents Lumumba and Kasavubu in 1971 and was personally responsible for renaming his country Zaire.  
**Answer:** Mobutu Sese Seko Koko Ngbendu Wa Za Banga

- (b) A graduate of University of Pennsylvania and disciple of Marcus Garvey, this architect of “positive action” ruled Ghana from its independence and built up his personality cult and security forces after several assassination attempts.

**Answer: Kwame Nkrumah**

- (c) Jomo Kenyatta’s right-hand man, he succeeded to Kenya’s Presidency in 1978 and established a de jure one-party state four years later.

**Answer: Daniel arap Moi**

5. Identify these Kurt Vonnegut characters for ten points each.

- (a) Probably Vonnegut’s most famous creation, this science fiction writer owns a parakeet and has a gay son name Leo. *Breakfast of Champions* chronicles his trip to Midland City and his meeting with Dwayne Hoover.

**Answer: Kilgore Trout**

- (b) This is the man who invites Trout to Midland City. A peculiar millionaire with a fondness for science fiction, his story is told in a book subtitled *Pearls Before Swine*.

**Answer: Eliot Rosewater** (the book is *God Bless You, Mr. Rosewater!*)

- (c) A spy for the Americans during World War 2, this man led a double life as a popular Nazi broadcaster. In the aftermath of the war, this protagonist of *Mother Night* is kidnapped by an Israeli Nazi hunting team and is sentenced to be executed by hanging.

**Answer: Howard W. Campbell, Jr.**

6. Give the capitals of these island nations for ten points each.

- (a) Fiji.

**Answer: Suva**

- (b) Malta.

**Answer: Valletta**

- (c) Mauritius [mahr - it - SHUSS].

**Answer: Port Louis**

7. Identify some quantum mechanical phenomena for ten points each.

- (a) What is the term for the splitting of energy levels in an atom that results from the magnetic dipoles of the electrons aligning parallel or anti-parallel to an applied magnetic field?

**Answer: Zeeman effect**

- (b) This analog of the Zeeman effect results when an applied electric field polarizes the atom and interacts with the resulting dipole.

**Answer: Stark effect**

- (c) This effect results from the interaction between the spins of the nucleon and the electrons. It gets its name from the fact that the energy gap between two levels split this way is proportional to the third power of a dimensionless constant equal to about 1/137.

**Answer: hyperfine splitting (or interaction)**

8. Identify these paintings with something in common, for ten points each.

- (a) A British flag juts into the upper right sky which is cloaked in storm clouds while the titular figure in red slumps in the central foreground of this Benjamin West work. An Indian looks on, observing the title character’s passing.

**Answer: The Death of General Wolfe**



- (b) The title character holds a letter in which his name is seen underlined. He has dropped the quill with which he was writing and his blood can be seen draining into the bathtub in which he sits in this Jacques-Louis David painting.

**Answer:** The Death of Marat

- (c) The title subject of this Pieter Breughel work is depicted with a skeleton army slaughtering humans all over the canvas and razing the land as it marches through.

**Answer:** The Triumph of Death

9. Answer these questions regarding the first Chinese citizen in space FTPE.

- (a) This lieutenant colonel was the first Chinese citizen taikonaut in space.

**Answer:** Yang Liwei

- (b) Yang Liwei joins these two men as the first citizens from their countries of the U.S. and the U.S.S.R. to enter space. Name either one for ten points.

**Answer:** Yuri Gagarin or Alan Shepard

- (c) Project 921 was the earlier name for this spacecraft the carried Yang into space. It is similar in design to the Russian Soyuz model.

**Answer:** Shenzhou 5

10. Identify these S&M books for ten points each.

- (a) This autobiographical Yukio Mishima novel follows a young Japanese man named Kochan as he grows into his homosexuality. He is aroused by imagining that a young man whose stomach muscles are well defined is stabbed in the stomach with a knife.

**Answer:** Kamen no kokukaku

Confessions of a Mask

- (b) A group of wealthy libertines abscond to a secluded castle and kidnap victims upon whom they practice cruel and violent acts for the titular duration in this work by the Marquis de Sade.

**Answer:** Les 120 (Cent Vingt) Journées de Sodome

120 Days of Sodom

- (c) The title character of this Pauline Reage novel is submitted by her lover Renee to a house where women are bound, blindfolded, and forced into obedience.

**Answer:** Historie d'O

The Story of O

11. Identify the organic substance on a 30-20-10 basis.

30 Also known as hydroxy-tramine, it is the precursor of the hormones epinephrine and norepinephrine.

20 This nitrogen-containing organic compound is formed as an intermediate compound from dihydroxy-phenyl-alanine during the metabolism of tyrosine.

10 A deficiency of this neurotransmitter results in Parkinson's disease.

**Answer:** Dopamine

12. Name the following famous Anarchists from history for ten points each.

- (a) A former officer in the Russian Imperial Guard, his criticism of Marx's methods as conducive to the emergence of totalitarianism got him expelled from the International in 1870.

**Answer:** Mikhail Bakunin

- (b) The Amber Room is one of the many stylized rooms of this palace, conceived by and built for Catherine the Great. This St. Petersburg compound currently houses one of the largest art collections in the world and contains the Winter Palace.

**Answer:** Hermitage

- (c) Located outside of St. Petersburg proper, this summer residence of Peter the Great contains the palaces of Marly and Montplaisir, as well as its famous fountains. Its name translates from the German as, "Peter's hope," or if you drop the final letter, "Peter's courtyard."

**Answer:** Peterhoff