

Technophobia IX Round 9

Fresno State
Fresno State A and Jordan

November 6, 2004

1 Fresno State Tossups, Round 9

1. An anthropological study by Oscar Kiss Maerth, "The Beginning Was the End", gave this band its name and inspired the band's first album, *Q: Are we not men?*. One member of this band, Mark Mothersbaugh, was responsible for *The Royal Tannenbaums* soundtrack and the theme song to Pee Wee's Playhouse. For ten points, what band's 1980 album *Freedom of Choice* included the single "Whip It?"

Answer: De-volution

2. Like many varieties of this plant, the popular Cavendish variety is triploid and cannot reproduce sexually, thus this stagnant plant is one of the most treated agricultural crops. Global Musa Genomics Consortium has pledged to sequence its genome by 2008 to combat the black Sigatoka fungus and BSV, the only virus known to implant its own DNA into its host's DNA. Originally from Southeast Asia and migrating to Africa, Friar Tomas de Berlanga brought it to central America, where this potassium-rich plant is most profitably grown. For ten points, name this curved yellow fruit.

Answer: Banana or early Musa ensete

3. Like Plato, he wrote a *The Republic* that called the family structure artificial but – unlike Plato – called for a return to nature. Expelled from Sinope, he defaced currency to show the insanity of the conventions of culture. According to legend, he lived out of a barrel and walked around in daylight with a lit lantern looking for an honest man. For ten points, name this 3rd century BC "Cynic."

Answer: Diogenes of Sinope

4. Belbruno and Gott of Princeton conjecture that asteroid 2002 AA29 collided with this planet. That object, called Theia, escaped from its Lagrange point, fell into a horseshoe orbit, collided with this planet, deposited its iron core, and fragments formed this planet's largest satellite. 7,926 in diameter, it is the solar system's fifth largest planet and orbits the sun at a distance of 93 million miles, or 1 AU. For ten points, name this third planet from the sun.

Answer: Earth or Terra or Sol III

5. An example of Regionalism inspired by the artist's 1927 trip to Germany, it won the the bronze at the 1930 Art Institute of Chicago. Painted in the town of Eldon, Iowa, a wooden arch reminiscent of a midaevil arch gives the work its title and is the focal point behind the two dour foreground characters: the painter's sister Nan and the painter's dentist, Dr. McKeeby, who holds a pitchfork. For ten points, name this painting of 19th century rural life by Grant Wood.

Answer: American Gothic

6. He had the Houston police inject him with Heroin to find out what it was like, and on September 11, 1987, he stormed off the set, leaving his network with six minutes of dead air, when the US Open threatened to cut into his program. He considered himself unworthy to sit in his predecessor's seat, so he crunched during his first broadcast. In 1986, he was assaulted by William Tager who demanded to know "What's the frequency, Kenneth?" For ten points, name this CBS anchorman who publicly apologized in September 2004 for using dubious Texas National Guard documents.

Answer: Dan Rather

7. His *Studies in Classic American Literature* helped establish the respectability of American literature. His poetry, *Look! We Have Come Through!* and *Birds, Beasts, and Flowers!* reflects his time in the American Southwest and the Mediterranean, and his short story *The Woman Who Rode Away* was compared to hard-core pornography in Kate Millet's *Sexual Politics*. For ten points, name this British writer who attracted scandal with his *Lady Chatterly's Lover*.

Answer: D(avid) H(ilbert) Lawrence

8. Even though he was Britain's envoy to Russia from 1927 to 1929 and married a Russian woman, Maria Vasilijevna, he despised Bolshevism and the Russian people; he described his revulsion in *Rusland og vi*. Never elected to office, he was instead appointed the head of his nation's government by Josef Terboven. His homeland brought back capital punishment for wartime treason and then ended the practice after he had been executed by firing squad. For ten points, name this Norwegian prime minister under the Nazi occupation whose name is synonymous with "traitor."

Answer: Vidkun Quisling

9. His corpse was rescued from Ashtaroath by the people of Jabeth after his death at Gilboa, which was prophesized by the Witch of Endor. The son of Kish, his fate was sealed by not killing all of the Amalekites, and not destroying their possessions, which Samuel told him before ditching him for David. For ten points, name this first king of Israel.

Answer: Saul

10. Julian the Apostate to Constantine, Anthony Quinn to Cecil B. deMille, William III to James II, Pompey to Sulla, and John C. Frémont to Thomas Hart Benton are all examples of this relationship. After Richard Wagner got Cosima von Bülow to divorce her husband, it also describes his relationship to Franz Liszt. For ten points, what is this relative term that Lane Smith was terrified Pauly Shore would become to him in a 1993 film of the same name?

Answer: son-in-law

Accept semantic equivalents

11. Before it brought infielder Pumpsie Green up from the minors, owner Tom Yawkey turned down Willie Mays in 1949 and the management under Eddie Collins booted Jackie Robinson off the field four years earlier during a tryout; it was 1959 before the team integrated and had wasted Ted Williams. For ten points, name this American League Team whose image has been further improved by its 2004 World Series win.

Answer: Boston Red Sox (accept either)

12. This dynasty was dominated by the yangban, a dual rule by civil and military figures begun by Song-gye. During the rule of Sejong the Great, it saw the establishment of the Chiphyonjon at Hanyang, a royal academy of worthies, which printed books using movable type and Hanjul. It ended after peace talks at the Hauge failed and Emperor Kjong abdicated in favor of his son and disbanded the army, paving the way for annexation by Japan. For ten points, name this Confucian dynasty that from 1392 to 1910 ruled Korea.

Answer: Yi or Choson Dynasty

13. If the Reimann conjecture is true, every odd integer is the sum of at most this many primes. It is also the smallest Good prime and the smallest Wilson prime. It's the smallest number of queens to attack every square on a chess board and the smallest number of moves needed for pawn promotion. It's the only prime to be a member of two twin prime pairs, and it's the fifth

Fibonacci number. For ten points, name this odd integer, the number of sides of a pentagon.

Answer: 5

14. This author's early works tell of Rachel Vinrace's journey to the new world in *The Voyage Out* and Katherine Hilbery's struggle to understand her feelings for Ralph Denham in *Night and Day*. She began to experiment with the passage of time in telling Jacob Flanders' meandering journey from indolence to death on a battlefield in *Jacob's Room*, which anticipated the stream of consciousness seen in her *To the Lighthouse*. For ten points, name this British author of *A Room of One's Own*.

Answer: Virginia (Adeline) Stephen Woolf

15. During a trip to Vienna, he wrote *Faschingsschwank aus Wien* [fahsh - EHNGS - shvaynk AHWS VEEHN] and unearthed Franz Schubert's *Symphony in C Major*. Complaining of ear pains, this composer attempted suicide in 1854 by jumping into the Rhine River and was placed in Endenich [ehn-DEHN-eyk] asylum where he died two years later. In 1833 he founded the journal *Neue Zeitschrift für Musik*, which established the reputations of Chopin and Brahms, the latter of which was a family friend. For ten points, name this musician responsible for *Papillons* and *Symphonic Etudes* who was sometimes overshadowed by his pianist wife, Clara.

Answer: Robert Schumann

16. The birds of this town were replaced with musical clocks, so carefully synchronized that the ground would shake every hour. Visitors are advised not to drink the water because of a contagious insomnia epidemic. The site of an American banana plantation and almost the site of a temple constructed by Father Nicanor Reyna, for ten points, name this Columbian village founded by José Arcadio Buendía in Gabriel García Márquez' *A Hundred Years of Solitude*.

Answer: Macando

17. Chapter two of Karl Marx's *Theories of the Surplus Value* is devoted to them, whom he praises for discovering the minimum of wages while scoffing at their lack of dialectical perspective. Their ideas were set forth in *Tableau économique* by François Quesnay, who examined the value added in a relationship between a workshop and a farm. For ten points, name these 18th century French anti-mercantilists who believed that agriculture was the only productive enterprise.

Answer: physiocrats

18. His avatars include Bhairava, Dakshinamurti, the supreme teacher of Yoga, Nataraja, the cosmic dancer, and Ardhanarisvara, a half-man half-woman form merged with his consort. His steed is Nandi and he dwells on Mount Kailasa with his sons Skanda and Ganesha in addition to his consort Parvati. For ten points, name this Hindu god of destruction.

Answer: Shiva or Siva

19. He won the case of Lizzie Jennings, who was thrown off a street car reserved for whites. Ever the advocate of the little guy, this stalwart saw the dangers of the spoils system while working in Roscoe Conkling's customs house in New York and the Pendleton act was passed during his administration. For ten points, name this 21st president of the United States who ascended to the presidency upon the assassination of Garfield.

Answer: Chester Alan Arthur

20. Lake Kariba and Cahora Bassa are two man-made lakes along this river, and its largest tributaries are the Kafue River and the Shire River, which drains Lake Malawi. Rising out of the Kalene bog, it forms the boundary of Zambia and the nations of Angola and Zimbabwe before

entering the Indian Ocean. For ten points, name this nation whose name means “Great River” in Tongan and supplies the Victoria Falls.

Answer: Zambezi

21. A 1921 illustration of the main character of this work strikingly resembled Gustav Mahler; the resemblance “terrified” the author. After leaving his home on Prinzregentenstrasse in Munich, he meets a young Polish boy named Tadzio who personifies an Apollonian ideal. Given the chance to escape the cholera ridden town, Aschenbach chooses to stay and await the titular event. For ten points, name this Thomas Mann work set in a doomed city in Italy.

Answer: Death in Venice oder Tod in Venedig

22. Arvid Carlsson showed that it was not just a precursor, via a β -oxidation to norepinephrine, but actually a neurotransmitter itself. Because it inhibits impulses in the substantia nigra, basal ganglia, and corpus striatum, too little of it leads to the tremors of Parkinson’s disease, while both the high of amphetamines, which burst vesicles containing this substance, and the hallucinations of schizophrenia are linked to excesses of this neurotransmitter. For ten points, name this neurotransmitter derived from L-DOPA by decarboxylation.

Answer: Dopamine or Hydroxytyramine

accept 4-(2-aminoethyl)benzene-1,2-diol

2 Fresno State Bonuses, Round 9

1. Answer these questions on recent political changes around the world FTPE:
 - (a) Former Indian Prime Minister Atal Behari Vajpayee and his ruling BJP-led coalition were swept out of power by this party, led by Sonia Gandhi.
Answer: Indian National Congress
 - (b) This former general was elected president in Indonesia's first-ever direct presidential elections, defeating incumbent Megawati Sukarnoputri.
Answer: Susilo Bambang Yudhoyono
Accept either underlined name
 - (c) Presidential elections were held Sunday in this former Soviet Republic to replace Leonid Kuchma.
Answer: Ukraine or Ukrayina
2. Given these national parks, name the state in which they are located for 5 points each with a bonus 5 for all correct.
 - (a) Dry Tortugas
Answer: Florida
 - (b) Mammoth Cave
Answer: Kentucky
 - (c) Wrangell-St. Elias
Answer: Alaska
 - (d) Capitol Reef
Answer: Utah
 - (e) Guadalupe Mountains
Answer: Texas
3. The origin of the term "patsy" is unknown, but believe that it is a reference to the Pazzi family. For ten points each. . .
 - (a) The Pazzi family was a prominent family in this Italian city until Sixtus IV encouraged an unsuccessful plot to dislodge the ruling family.
Answer: Florence or Firenze
 - (b) The plot, led by Jacopo de'Pazzi, failed in removing this man who ruled Florence from 1453 to 1478.
Answer: Lorenzo The Magnificent or Lorenzo de' Medici
 - (c) The Pazzi chapel in Florence was designed by this man, who also constructed the famous dome of the Florence cathedral.
Answer: Filippo Brunelleschi
4. For ten points each, name these things about isomers.

- (a) A hydrogen atom on a carbonyl-adjacent carbon atom in an aldehyde or ketone can migrate, changing a molecule from the keto to the enol form in this type of isomerism.
Answer: tautomerism
- (b) These are isomers that whose mirror images cannot be superimposed on the original molecule.
Answer: enantiomers or enantiomorphs or optical isomers
- (c) An equal mixture two enantiomers is described by this adjective.
Answer: racemic
5. For ten points each, answer these questions about scanning probe microscopy.
- (a) Gerd Binnig and Heinrich Rohrer won the 1986 physics Nobel for this technique that calculates the distance from the probe to the surface by measuring the probability of an electron's wave function "jumping" from the probe to the surface.
Answer: Scanning Tunneling Microscope or STM
- (b) Because the electrons must be welcome on the surface material, STM is only useful for examining what class of materials, such as metals, whose outer electrons are loosely bound and free to move through the material?
Answer: conductors
- (c) This type of scanning probe microscope uses a cantilever that bounces on the surface of a sample; even nonconductors. By measuring the frequency and amplitude of this bouncing, it creates an image of the surface.
Answer: Atomic Force Microscope or AFM
6. Holy Roman emperor, king of Spain, archduke of Austria, and ruler of the Netherlands. For ten points each:
- (a) Name this leader who succeeded Ferdinand II of Spain in 1516.
Answer: Charles I or Charles V
- (b) Charles V got so fed up with this Ottoman ruler that he turned Austria over to Ferdinand, who became king of Hungary when Louis II was killed while fighting him at Mohács in 1526.
Answer: Süleyman Muhtesem I, the lawgiver, the magnificent, etc.
- (c) Charles V fought the Pope and Francis of France to a stalemate until peace was secured by this 1529 treaty after the battle of Pavia.
Answer: Peace of Cambrai or Paix Des Dames or The Ladies' Peace
7. Like Thomas Paine, he created a brochure entitled *The Crisis*. For ten points each...
- (a) Name this pessimist who became England's first professor of political economy in 1805.
Answer: Thomas Robert "Bob" Malthus
- (b) Malthus' *The Crisis* was in support of these laws to support the unemployed and underemployed.
Answer: Poor Laws or the Speenhamland System

- (c) He changed his mind, however, with the publication of this, his most famous, work which suggested that human reproduction will outstrip productivity and lead us all to misery.
Answer: An Essay on the Principle of Population as It Affects the Future Improvement of Society, with Remarks on the Speculations of Mr. Godwin, M. Condorcet, and Other Writers
8. Answer the following questions about a certain gay sex scandal that recently made headlines for ten points each. . .
- (a) Which current governor of New Jersey admitted to having a homosexual affair during his time in office and gave November 15, 2004, as the date of his resignation?
Answer: James McGreevey
- (b) Name this Israeli citizen, McGreevey's alleged partner, who was given a \$110,000 a year job as New Jersey's Homeland Security Advisor despite his lack of qualifications.
Answer: Golan Cipel
pronounced "chi-pel"
- (c) Many Jersey Democrats are urging McGreevey to step down sooner so that this senator and head of the Democratic Senatorial Campaign Committee can run for governor on November 2nd.
Answer: Jon Corzine
9. Identify the personage on a 30-20-10-5 basis.
- 30 This Hofrat to the House of Brunswick provided the genealogical basis for Hanover's claim to an electorate and later George I's claim to the English throne.
- 20 This librarian of Wolfenbüttel was made the first president of the Prussian Academy of Science by Frederick I.
- 10 During his later years, he wrote *Monadologia*, perfected binary representation of numbers, and designed a machine for computation.
- 5 Both he and Newton independently developed the calculus.
Answer: Gottfried Wilhelm Leibniz
10. For ten points each, give the title of these recent Booker Prize winning novels.
- (a) What 2000 novel by Margaret Atwood recounts Chase Griffen's reflections on life and the tragic death of her sister.
Answer: The Blind Assassin
- (b) Michael Ondaatje [AHN-dah-chay] won the 1992 Booker for what book about a nurse tending a plane crash victim in a decaying Villa?
Answer: The English Patient
- (c) J.M. Coetzee, the South African who won the 2003 Literature Nobel Prize in Literature, also won the 1999 Booker for what novel detailing Professor David Lurie's decline affair an affair with a student?
Answer: Disgrace
11. Identify these 5-letter names of operas, for ten points each. Five points if a composer is required:

- 10 The title character is a Druid priestess who is impregnated and then betrayed by the Roman proconsul Pollione.
5 Vincenzo Bellini
Answer: Norma
- 10 This daughter of a Hindu priest falls tragically in love with Gerald, a British lieutenant.
5 Leo Delibes
Answer: Lakmé
- 10 The painter Cavaradossi sings of his love for this dark-haired heroine in “Recondita harmonia.”
5 Giacomo Puccini
Answer: Tosca
12. For ten points each, given the women they painted (and probably slept with), identify the artist:
- (a) The Duchess of Alba
Answer: Francisco (José) de Goya (y Lucientes)
- (b) Marie-Therese Walter, Dora Maar
Answer: Pablo Ruiz y Picasso
- (c) Helga Testorf, Christina Olson
Answer: Andrew Newell Wyeth
13. For ten points each, name the following people associated with the cornucopia.
- (a) It is usually thought to be a horn of this goat who suckled Zeus; in return, he broke off her horn and made it into a horn-o-plenty.
Answer: Amalthea
- (b) Another myth says that it is the horn of this river God, whose name is also applied to the longest river in Greece.
Answer: Achelous
- (c) This hero, who battled Achelous over Deianira, broke the horn off and had nymphs fill it with flowers and fruit.
Answer: Hercules or Herakles
14. Name these islands that are home to extraordinary apes for ten points each.
- (a) Southwest of Sumatra, a precipice cuts off a peninsula of this island from the characteristic mountain that gives the island its name and is home to its largest and most famous inhabitant.
Answer: Skull Island
- (b) It's not the home of King Homer, but Karl wishes Burns' expedition would go here instead, where the apes are smaller than on Ape Island.
Answer: Candy Apple Island

- (c) Edward Prendick, formerly of the sunk *Lady Vain*, is introduced to the Sayer of the Law by an idiot ape who is, like him, a “five-man.” of this island named for the madman who controls it.

Answer: Island of Dr. Moreau or No Name Island

15. He probably suffered from diabetes; he went blind, lost a great deal of weight, and stayed in Lo-yang rather than follow his armies to the capital. For ten points each. . .

- (a) Name this leader of a 757 rebellion in China.

Answer: An Lushan or K’ang or Hsiung Wu or Yen La Wang

- (b) An Lushan’s rebellion occurred during this Chinese dynasty.

Answer: Tang

- (c) An Lushan was murdered before he could join his troops after they had taken this capital of China.

Answer: Ch’ang-an

16. 10 For ten points, this family was bombed by the Canadian Air Force in *South Park: Bigger, Longer, and Uncut*, causing a war between Canada and the United States.

Answer: Baldwin Family For five points per part, name the Baldwin in each of these movies.

- 5 *The Hunt for Red October*

Answer: Alec

- 5 *Backdraft*

Answer: William or Billy

- 5 *The Hunt for Red October*

Answer: Daniel

- 5 *Threesome*

Answer: Stephan

17. It is a butterfly-shaped gland near the base of the neck. For ten points each, name:

- (a) This endocrine gland.

Answer: Thyroid

- (b) The thyroid’s spherical follicles selectively absorb this ion from the bloodstream; a deficiency of it leads to goiter.

Answer: Iodine

- (c) The thyroid combines Iodine with this essential amino acid to produce the thyroid hormone.

Answer: Tyrosine

18. In LISP, they are embedded cons cells. For ten points each. . .

- (a) Name these data structures that put the “L” in LISP.

Answer: Linked List

- (b) The Linux scheduler uses a linked list, allowing it to select the next task from the ready queue via an algorithm with what complexity?
Answer: $O(1)$ [big “O” of one] or constant time
- (c) When using functional languages, programmers are encouraged to use this type of recursion that ensures to instructions follow the recursive call, thus preventing a new environment from being created.
Answer: tail recursion
19. He’s the son of a lawyer in Verrières and becomes the tutor of the mayor’s children. For ten points each. . .
- (a) Name this Stendhal protagonist and the book in which he appears.
Answer: Julien Sorel (*accept either*)
The Red and the Black or Le Rouge et le noir
- (b) This wife of the mayor becomes Julien’s first mistress.
Answer: Madame de Rênal
20. Name these islands whose positions have given them historical significance for ten points each.
- (a) During the abortive Mongol invasions of Japan, the population of this island was murdered, and in 1905 the Russian Baltic fleet was defeated by Togo Heihachiro north of the Island.
Answer: Tsushima
- (b) Its capital, Kérkira, was occupied by the Italians and Germans during the second world war, and it was traditional stopping point for Greek traders crossing the Ionian to Italy.
Answer: Corfu
- (c) Viking explorers used this island – now an independent nation with capital at Reykjavik – as a stopping point on their way to Greenland.
Answer: Iceland or Island
21. Name these nations from the work of C.S. Lewis on a 5-10-15 point basis.
- 5 Created by a song by Aslan, its first rulers were King Frank and Queen Helen.
Answer: Narnia
- 10 This nation to the north of Narnia was visited by a horse and his boy. It’s largest city is Tashbaan, which is dominated by a temple to Tash.
Answer: Calormen
- 15 Founded by the son of King Frank, Narnia and this country were invaded when Queen Susan of Narnia refused Rabadash of Calormen’s marriage proposal.
Answer: Archenland
22. Identify the author from works on a 30-20-10 basis.
- 30 *Cabal and Love*, *The Bride of Messina*, and *Maria Stuart*.
 20 *The Robbers*, *Don Carlos*, and *The Genoese Conspiracy*
 10 *The Maid of Orleans*, *Wallenstein*, and *An der Freude*
Answer: Friedrich von Schiller