

## Caltech Technophobia II

## Tossups by ASU Perth Pink

1. Through this process, alcohols can be converted to esters or alkenes, and amides converted into nitriles. Concentrated hydrosulfuric acid is often used as the reagent, because the free positive ion likes to attach to the hydroxyl group or to the double-bonded oxygen. For 10 points-- identify this process named for the fact that it also produces water.

Answer: \_dehydration\_

2. The British commander Henry Procter had found his position in Detroit untenable, and was making a hasty retreat across Ontario, when a pursuing force of 3,500 caught up to his forces at a site named Moraviantown. Procter's forces, numbering 600 regulars and 1000 Indian allies under Tecumseh, were routed by William Henry Harrison's men. For 10 points-- give the more common name of this War of 1812 battle, which denotes the river near which it was fought.

Answer: Battle of the \_Thames\_

3. Its author's rise to world fame began with the premiere of this play at the Theatre de Babylone in Paris, in January 1953. It has five characters, including Lucky and Pozzo, and its first line sets the tone: "Nothing to be done." For 10 points-- name this play featuring the absurdist doings of Vladimir and Estragon, by Samuel Beckett.

Answer: \_Waiting for Godot\_

4. Founded by a brewer named John Houlding in 1892, this club had a lackluster history until the early 1960s, but since 1964 they have been first or second in their league 21 times. They are in the news now for trying to sign U.S. goalie Brad Freidel. For 10 points-- name this football club which plays its home games on Anfield Road, but it perhaps more well-known for the roles of their fans in tragedies at Heysel and Hillsborough.

Answer: \_Liverpool\_ FC

5. It was first recorded in 1602 by Bartholomew Gosnold and partially named by Gabriel Archer, who was struck by its indigenous plant life. The source of the rest of the name is unknown. 20 miles long and 2 to 10 miles wide, some of its towns include Tisbury, Oak Bluffs, Chilmark, Edgartown, and Gay Head. For 10 points-- name this resort island four miles off Cape Cod.

Answer: \_Martha's Vineyard\_

6. The somatic type occurs in body cells and can produce a localized change. The germinal type can be transmitted to the individual's offspring. The substitution type affects only one codon and may have little to no effect. For 10 points-- name this alteration in the genetic material of a cell that is transmitted to the cell's offspring.

Answer: \_mutation\_

7. During the long Arctic winter, he angered Henry Green by first giving him a gray gown and then taking it back when Green displeased him. He also angered the crew by ordering their sea chests searched for extra food, and he angered mate Robert Juet by demoting him. Ergo, on June 22, 1611, he, his son, and seven others were cast adrift after a mutiny. For 10 points-- name this Englishman who had been exploring his

namesake bay aboard the Half-Moon.

Answer: Henry Hudson

8. He denounced his brother Andrew to the Mongols, who then sent an army to install this man as Grand Prince of Vladimir. As Grand Prince he worked with the Mongol invaders, whereas previously he had fought the invading Swedes at the confluence of the Izhora and Neva in 1240. For 10 points-- name this man most famous for defeating the invading Teutonic Knights on the ice of Lake Peipus in 1242.

Answer: Saint Alexander Nevsky

9. The 1980 movie used exterior shots filmed at the Timberline Lodge near Mt. Hood in Oregon, as well as in Glacier National Park. The 1997 TV movie was shot at the Stanley Hotel in Estes Park, Colorado, where, while staying in Room 217, Stephen King had come up with the original idea. For 10 points-- name the work wherein one would find that dull boy Jack Torrance caring for the Overlook Hotel.

Answer: The Shining (do not accept The Shinning!)

10. He was a student of Thomas Hart Benton and was employed by the WPA Federal Art Project during the 1930s. Supported by Peggy Guggenheim after 1943, he married the artist Lee Krasner in 1945. In 1947 he began developing his signature style, which shows in such works as Lavender Mist, Summertime, Full Fathom Five, and Number 10, 1949. For 10 points-- name this Abstract Expressionist, known for his "drip painting" technique.

Answer: Paul Jackson Pollock

11. One version was completed in Palestine circa 400 A.D. after two centuries of work, while another was completed in Babylonia one hundred years later. Work on these versions followed Judah ha-Nasi's final authoritative codification of Jewish oral law, called the Mishna. For 10 points-- name these interpretations of the Mishna which in common usage can refer to both the Mishna and Gemara combined.

Answer: Talmud (accept Gemara on early buzz)

12. The curfew tolls the knell of parting day  
The lowing herd wind slowly o'er the lea  
The plowman homeward plods his weary way  
And leaves the world to darkness and to me.  
For 10 points-- these are the first four lines of what 1751 poem celebrating the graves of humble and unknown villagers, written by Thomas Gray?

Answer: An Elegy Written in a Country Church Yard

13. He is the only Washington Senator to have been discovered by an Idaho senator- it was Senator Herman Welker who told Clark Griffith about this power hitter in 1954. The American League MVP in 1969, he led the league in homers five times, ending his career with an AL record for right-handers of 573 homers. For 10 points-- name this man who spent much of his career playing the outfield for the Minnesota Twins.

Answer: Harmon Killebrew

14. Verner's Law, stated in 1875, gave systematic explanations for exceptions to this earlier law. As stated in 1822, it explains the "first Germanic consonant shift," whereby the Indo-European p became a Germanic f, etc. For 10 points-- name this linguistic law formulated by

Jacob, one of the brothers perhaps more famous for their work with fairy tales.

Answer: \_Grimm\_'s law

15. Its first president was deposed by a coup in 1966 while visiting Hanoi, and was later named "co-president" of Guinea. Led since 1979 by Flight-Lieutenant Jerry Rawlings, it became independent in 1957 with the merger of British Togoland and the Gold Coast. For 10 points-- name this nation, the first British sub-Saharan colony to be granted independence, and first led by Kwame Nkumrah.

Answer: \_Ghana\_

16. Sworn in as president on November 11 after winning the general election with 59 percent of the vote, this native of Northern Ireland resisted pressure to wear a poppy as a symbol of remembrance at the inauguration, preferring instead the Irish shamrock. For 10 points-- name this woman who has succeeded Mary Robinson as president of Ireland.

Answer: Mary \_McAleese\_

17. The verification for this predicted effect of general relativity was to come with the launch of Gravity Probe B. But recent observations of black holes and neutron stars indicates that material at the inner edges of surrounding accretion disks may be quickly precessing. For 10 points-- name this effect, predicted by Lense and Thirring in 1918, in which a rotating massive body distorts space-time, much as a object spinning in molasses will distort the molasses.

Answer: \_frame-dragging\_ (accept variants, or \_Lense-Thirring\_ effect on early buzz)

18. It holds that scientific knowledge is the only kind of factual knowledge and that all traditional metaphysical doctrines are to be rejected as meaningless. By holding metaphysical doctrines as meaningless and not simply false, it differed from the earlier philosophies of Mill and Comte. For 10 points-- name this doctrine formulated by the Vienna Circle in the 1920s, and influenced by the work of Ludwig Wittgenstein.

Answer: \_Logical Positivism\_

19. It slumbers today in the Pacific, trapped in the sunken city of R'lyeh. Introduced in pulp books such as At the Mountains of Madness and The Dunwich Horror, tales about it are still being written, 60 years after the death of this character's creator. For 10 points-- name this demigod, the subject of many books by H. P. Lovecraft and others.

Answer: \_Cthulhu\_

20. Discovered in 1935 by Lincoln Ellsworth, it is in the Sentinel Range of the Ellsworth Mountains. 16,066 feet tall, it overlooks the Ronne Ice Shelf. For 10 points-- name this tallest mountain of Antarctica.

Answer: \_Vinson Massif\_

21. This work begins with the title character as a 22-year-old atheist at Terwillinger College. He attends Mizpah Theological Seminary while lusting after Lulu Bains, and later falls in love with the evangelist Sharon Falconer, all the while plagiarizing speeches to promote himself above all else. For 10 points-- name this 1927 novel about a hypocritical evangelist, written by Sinclair Lewis.

Answer: Elmer Gantry

22. After the U.S. vessel Black Warrior was seized and condemned in Havana, Pierre Soule, John Mason, and James Buchanan met in Belgium. There, they decided that Cuba was indispensable for the security of slavery, so that the U.S. should buy it, or seize it. For 10 points-- identify their declaration, named for the town in Belgium where they met.

Answer: Ostend Manifesto

23. His Symphony in D minor premiered in 1897, and it was such a fiasco that afterwards he could not compose. In desperation, he went to a Moscow psychiatrist who would hypnotize him and say "you will write your concerto...you will work with great facility...the concerto will be of excellent quality." It worked, if his C-minor Concerto of 1901 is any indication. For 10 points-- name this Russian pianist and composer, whose work is featured in the movie Shine.

Answer: Sergei Rachmaninoff

24. A special name, solfatara, from the Italian for sulfur, is given to those which emit sulfurous gases. Perhaps the most concentrated collection of them is in the Valley of the Ten Thousand Smokes, adjacent to the Katmai volcano in Alaska. For 10 points-- give this term, from the Latin for smoke, which denotes vents in the Earth's crust which give off volcanic vapors.

Answer: fumarole\_s