

1998 Paul Bunyan Tournament

Tossups by Binary Play-Doh Plants

(Eric Bell, Mike Wehrmann, Chris Goheen)

1 . The central character is the strange object of obsession for the radical Jake Blount, the cynical Negro Dr. Thomas Copeland, the bar owner Biff Brannon, and the rapidly maturing young girl Mick Kelly. In the end, with the death of his longtime best friend Antinopoulos, the deaf-mute John Singer commits suicide by shooting himself in the chest. Thus ends—for 10 points—what first and most famous novel by Carson McCullers?

answer: The Heart is a Lonely Hunter

2 . Hint: the answer is not "Viagra." Originally sold in a 5-milligram strength prescription for treatment of benign prostate enlargement, it had begun to fade due to questions of its effectiveness, and the advances of other available products. But then Pharmacia-Upjohn began studies with a 1-milligram dose and noticed a new feature, for which they received FDA marketing approval in 1997. For 10 points—give this brand name of finasteride [fin-AZ-ter-ide] which, taking one tablet daily, may slow or reverse pattern baldness?

answer: Propecia [pro-PEE-shuh]

3 . A member of the Romance group of the Italic subfamily of the Indo-European family of languages, it is also known as Occitan, and is spoken by around 10 million people. A 19th century literary movement attempted to restore it to its former medieval prominence, when it was known as "langue d'oc" and served as the language of the troubadours. For 10 points—name this language of southern France, used by Frédéric Mistral in his epic *Mireio*.

answer: Provençal (prompt on early buzz with "Occitan" or "langue d'oc")

4 . The café is called Phillies; there are two large coffee urns behind the counter, and a door apparently leading into the back. One man sits at the counter with his back turned, while another man and a woman in a bright red dress drink their coffee and converse with the bartender. For 10 points—all in what painting, the most famous work by Edward Hopper?

answer: Nighthawks

5 . Located just west of the namesake national forest along the namesake river, tourist sites include Christ the King Church, Rosario Chapel, Old Town, and the Palace of the Governors Museum. For 10 points—what is this city, home to the nation's oldest state capital building, and third-largest city in New Mexico?

answer: Santa Fe

6 . A young girl gets a dollar to go buy some ice cream with her baby sister, and she later experiences her first kiss from a high school crush whose name she couldn't even ask until halfway through her sophomore year. Eventually, "we move on, put those dreams away, thinking that we'll find them"—for 10 points—when what title event occurs, according to the newest single from Wynona Judd?

answer: Come Some Rainy Day (prompt on early "Wynona" or "Wynona Judd")

7 . Caused by an airborne virus, it can also spread via infected utensils, brushes and

clothing. Symptoms include high fever, apathy, and lack of appetite. It also affects ferrets, raccoons, mink, foxes, and wolves, and in 1988 a similar virus killed 10,000 seals in the Baltic and North Seas. For 10 points—name this disease which frequently strikes young dogs and can lead to nervous complications, but can be prevented by vaccination.

answer: distemper

8 . It lies in the West Riding of Yorkshire, not far from York. During the English Civil War, it was here that the royalists under Prince Rupert and the Duke of Newcastle were conclusively defeated by the parliamentarians under Lord Fairfax, the Earl of Leven and Oliver Cromwell. For 10 points—name this site of a July 2, 1644 battle which was the first major victory for the Parliamentarians.

answer: Marston Moor

9 . Two answers required. They exist only as breaths of air without any substance of their former bodies; only she speaks. One day, while reading the story of Lancelot, their mutual passion overcame them and they began an affair, until they were surprised by her husband, and killed. For 10 points—name these lovers whom Dante meets in the fifth canto of *Inferno*.

answer: Paolo and Francesca da Rimini

10 . He responded to the criticism of his "female" operas by writing *The Juggler of Notre Dame*, an opera for tenor lead; predictably, its primary commercial success came after the lead role was adapted for soprano Mary Garden. For 10 points—name this French "miracle" composer whose works include *Herodiade*, *Manon*, and *Thaïs*.

answer: Jules Massenet

11 . This term was coined in the title of a short story by writer Bruce Bethke. Editor Gardner Dozois is generally credited with popularizing this term for a subgenre characterized by countercultural antiheroes trapped in a dehumanized high-tech future. For 10 points—name this genre which took off in popularity following the publication of William Gibson's 1984 novel *Neuromancer*.

answer: cyberpunk

12 . Its name means "south of the lake," and this province of south central China does indeed lie south of Dongting Lake. Its population is nearly 60 million, its capital is Changsha, and its major river is the Xiang [SHE-ahng]. For 10 points—name this province, best known in the U.S. for containing the birthplace of Mao Zedong, and for its popular cuisine.

answer: Hunan

13 . Its existence was predicted by Paul Dirac in 1928, but it wasn't discovered until 1932 by Caltech researcher Carl Anderson. For 10 points—name this elementary particle having the same mass and magnitude of charge as the electron.

answer: positron

14 . These plants, of the genus *Linum*, family *Linaceae*, are grown nearly worldwide and have a stem about two feet high, small leaves and bright blue flowers. The seeds produce

linseed oil, used in paints and varnishes, and the seed residue is fed to cattle. For 10 points—what is the common name for these useful plants, whose stems are soaked in water, dried, rolled and pounded to produce long fibers which can be made into linen?

answer: flax

15. Ultimately, Shad and Jenny are married and Bill and his closest brother John are reunited in the Andersonville prison camp. After the war, Shad decides to return to college and obtains Matt Creighton's permission to take Jethro away with them to study. Thus ends—for 10 points—what novel of the Civil War, written by Irene Hunt from some of her grandfather's stories?

answer: Across Five Aprils

16. Though you wouldn't necessarily think so, it is named for a tribe of native Americans also known as the Dogrib. With a maximum depth of 2,015 feet, it is the deepest lake in North America. Drained by the Mackenzie River, it has the town of Yellowknife at its northern shore. For 10 points—name this lake which is Canada's second largest.

answer: Great Slave Lake

17. Her mother, Anne Milbanke, was also a mathematician. Born in 1815, she died at age 36, having the same lifespan as her literary father. A friend and protege of Charles Babbage, her "Sketch of the Analytical Engine" is the best extant description of the device, and she was a pioneer in programming that machine. For 10 points—name this daughter of Lord Byron, for whom was named a high-level computer language designed by the Department of Defense.

answer: Augusta Ada Byron Lovelace

18. One theory held that it was actually the Unabomber, citing similarities between the Unabomber's writing style and the mysterious notes this person left with symbols of the occult and astrology. But a New York jury disagreed, convicting Heriberto "Eddie" Seda of being—for 10 points—what notorious killer who terrorized New York City in the early 1990s after threatening to commit 12 murders?

answer: the Zodiac killer (prompt on early "Seda")

19. He turned 20 on Father's Day 1998, a day which his father ironically spent working—caddying for him at the U.S. Open. Hailing from the rich golf tradition of Georgia Tech, he is the reigning U.S. Amateur champion, and was the low amateur at both the 1998 Masters and U.S. Open tournaments. For 10 points—name this golfer also known for his trademark smile.

answer: Matt Kuchar

20. Unlike Purgatory in the Roman Catholic tradition, people don't eventually leave here, a misconception caused by the modern usage of the word to refer to a temporary displacement. Reserved for unbaptized infants whose original sin cannot allow them to enter Heaven but who are not condemned either—for 10 points—what is the usual five-letter name given this state, which you might be "in" if your status is in question?

answer: limbo

21. The name's the same: a Miami suburb and gateway to the Everglades National park which was devastated by Hurricane Andrew; a bitter and bloody strike held between June 29 and November 20, 1892; and an 1862 Congressional act which provided for the transfer of 160 acres of unoccupied public land for a nominal fee to anyone residing on the land for 5 years. For 10 points—what is this common word?

answer: Homestead

22. It is first seen in early childhood and can continue through life, but is most common during adolescence, and may be considered a pathological response in adults. For 10 points—what is the two-word term for this psychological defense mechanism in which a person expresses feelings, attitudes, or behavior towards another person or situation which are opposite to what would normally be expected?

answer: reaction formation

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Bonuses by Binary Play-Doh Plants

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(all bonuses worth 30 points)

1. 30-20-10. Identify the movie from quotes.

A. "Oh, my God, they've sent us to Branson, Missouri!"

B. "I'm not an alien. I'll ram my ovipositor down your throat and lay my eggs in your chest, but I'm not an alien!"

C. "Have you seen Crow anywhere?"

answer: Mystery Science Theater 3000: The Movie (accept MST3k)

2. Name the authors of these "tree" literary works for the stated number of points:

A. For 5 points—the poem "Trees" (1913) answer: (Alfred) Joyce Kilmer

B. 10 points—*A Tree Grows in Brooklyn* (1943) answer: Betty Smith

C. For 15 points—*The Tree of Man* (1955) answer: Patrick White

3. A number of founders and early members of the Royal Society appear in Iain Pears' mystery novel, set in 1660's Oxford, titled *An Instance of the Fingerpost*. For 10 points each—identify these historical figures prominent in that novel:

A. The 14th child of the wealthy Earl of Cork, in *The Sceptical Chymist* he used the word "element" in its modern sense. His "law" describes the relationship between the volume and pressure of gases.

answer: Robert Boyle

B. Along with Boyle, he founded the Royal Society in 1663. A great mathematician who extended the concept of exponents to include negative numbers and fractions, he was overshadowed by his younger contemporary, Newton. An expert codebreaker, he served both the Parliamentarians and the restored Royalists, and is also known for his xenophobic quarrels with such figures as Descartes, Pascal, Leibniz and Fermat.

answer: John Wallis

C. He was classed by Newton as Wallis' equal as a geometer, was a professor of astronomy, and performed important anatomical work with members of the Oxford circle. A founding member of the Royal Society, his fame now rests largely on his architectural designs, including Hampton Court Palace and many churches and secular buildings in London.

answer: Christopher Wren

4. 30-20-10. Identify the common surname shared by these historical figures:

A. Lewis Henry lived from 1818-1881, pioneered the study of Northeastern American Indian culture, and was adopted by the Iroquois.

B. Henry captured and sacked Panama in 1671 and was knighted and appointed lieutenant governor of Jamaica in 1674.

C. Junius Spencer was a successful international investment broker whose syndicate spectacularly loaned \$50 million to the French government at the time of the Franco-Prussian War. His son, however, took the family fortunes far higher, forming the world's first billion-dollar corporation.

answer: Morgan [The billion dollar corporation mentioned in Part C was U.S. Steel]

5. The American Film Institute announced its 100 Best Films on a nationally televised program on June 16, 1998.

A. For 5 points—who directed five of the top 100 films, the most of any director?

answer: Steven Spielberg

B. For 5 points—which actress starred in four top 100 films, the most of any woman?

answer: Katherine Hepburn

C. Although little-known character actor Ward Bond had supporting roles in 7 of the top 100 films, these two men led the pack with 5 starring roles. For 10 points each—name them.

answer: James Stewart and Robert De Niro

6. Identify the following about evil magicians and sorcerors, for the stated number of points:

A. For 15 points—in the Wagner opera *Parsifal*, this man, denied status as a knight of the Grail, turned to sorcery to try to seize the Grail until defeated by Parsifal.

answer: Klingsor

B. For 10 points—he was originally a giant, who slayed his brother Fasolt to seize the Ring and the Tarnhelm, which transformed him into a dragon, until he was slain by Siegfried.

answer: Fafner or Fafnir

C. For 5 points—this magician regularly tried to capture and eat the Smurfs.

answer: Gargamel

7. Name the American literary works featuring these heroines, for 10 points each; if you need the name of the author, you only get 5:

A. 10 pts: Edna Pontellier
5 pts: Kate Chopin

answer: The Awakening

B. 10 pts: Laura Wingfield

5 pts: Tennessee Williams

answer: The Glass Menagerie

- C. 10 pts: Ellen Olenska
5 pts: Edith Wharton

answer: The Age of Innocence

8 . For 5 points each, identify the current ruling royal house of these monarchies:

- A. Monaco answer: Grimaldi
B. Spain answer: Bourbon
C. United Kingdom answer: Windsor
D. Jordan answer: Hashemite
E. Tonga answer: Topou
F. Kuwait answer: al-Sabah

9 . The investiture contest between the papacy and the Holy Roman Empire centered on the right of lay rulers to appoint prelates. For 10 points each—identify the following about this conflict:

- A. In 1075, this pope, originally named Hildebrand and later venerated as a saint, sparked the controversy by forbidding lay investiture.

answer: Gregory VII

- B. This German king and future Emperor declared Gregory VII deposed in 1076, and was quickly excommunicated. In 1077, he was forced to humble himself before Gregory at Canossa to obtain absolution.

answer: Henry IV

- C. The controversy was finally ended by an agreement, or concordat, reached between Calixtus II and Henry V in this German town, the site of many imperial diets.

answer: Worms

10 . For 10 points each—identify these 20th century artists:

- A. He is noted for his soft sculptures of stuffed cloth, and his giant objects, including *Giant Saw*, *Hard Version* in the Vancouver Art Gallery, and *Lipstick*, erected at Yale in 1969.

answer: Claes Oldenburg

- B. A New York west side saloon was near his studio, and he often went there to draw the illegal boxing matches held in the back room—resulting in pictures such as *Stag at Sharkey's*.

answer: George Bellows

- C. This Russian-born artist emigrated to the U.S. in 1913. A student of Max Weber, he was influenced by the surrealists, but after the mid 1940's he began experimenting with

intense colors in irregular shapes, a style which became known as color-field painting.

answer: Mark Rothko

11. For 10 points each—identify these related literary things:

A. He is the protagonist of Book I of *The Faerie Queene*, and represents the virtue of holiness as well as St. George and the Anglican church. Who is this companion and eventual husband of Una?

answer: the Red Cross Knight

B. In this novel, published in 1830, Julien Sorel is a sensitive and intelligent youth, torn between the military and the church.

answer: The Red and the Black or Le Rouge et le noir

C. This 1849 work about an impoverished boy from New York City who endures a rough initiation into life as a sailor is considered Melville's only comic novel.

answer: Redburn: His First Voyage

12. DNA is concentrated in the nucleus of eukaryotic cells, but it can appear in other places within the cell.

A. For 5 points—which organelles, found only in algal and plant cells, contain their own DNA and ribosomes, and perform photosynthesis?

answer: chloroplasts or plastids

B. For 5 points—name the organelles, also containing their own DNA and ribosomes, which are the site of aerobic respiration.

answer: mitochondria

C. Prokaryotic cells do not have a well-defined nucleus. However, their primary genetic material consists of a single circular molecule of DNA, which is concentrated in—for 10 points—what region?

answer: nucleoid

D. Prokaryotic cells can have smaller rings of DNA, consisting of a few genes outside the nucleoid. This material is often transferred between bacteria and is an important means of the spread of antibiotic resistance between different types of bacteria. For 10 points—what are these extrachromosomal elements called?

answer: plasmids

13. 30-20-10. Name the U.S. President.

A. In the military he rose to the rank of Lieutenant Colonel, though he was often forced to cover for his drunken general, James Stirling—he may have had more to do with Stirling's success in command than Stirling did.

B. Like Jefferson, he served as U.S. ambassador to France, and later served as Secretary of State and Secretary of War at the same time, the last person to do so.

C. His principal opponent, when elected president the first time, was Federalist Rufus King.

answer: James Monroe

14. With Clinton's historic and controversial visit to China in June, 1998, China has frequently been in the news. Answer these questions, for the stated number of points:

A. For 5 points—Clinton reciprocated the visit of what Chinese president to the U.S. in 1997?

answer: Jiang Zemin

B. For 10 points—with the economic turmoil in Asia, the U.S. has encouraged China to avoid devaluing its currency. What is the basic monetary unit of China?

answer: yuan

C. For 15 points—Clinton has been criticized for allowing sensitive American satellite technology to be launched on Chinese rockets. What is the historically-evocative English name of China's workhorse satellite launching rocket?

answer: Long March

15. Answer these questions about Brazilian history, for 10 points each:

A. Which Portuguese navigator sailed for the East Indies in command of a fleet of 13 vessels, but instead discovered and claimed Brazil for Portugal?

answer: Pedro Alvarez Cabral or Cabrera

B. When Portugal tried to return Brazil to colonial status, what son of King Joao VI declared independence on September 7, 1822, and became first emperor of Brazil?

answer: Pedro I or Dom Pedro de Alcântara

C. Who was the chief architect and designer of most of the public buildings of Brasilia?

answer: Oscar Niemeyer

16. It's summer time!

A. For 5 points—what opera opens with the lullaby "Summertime"?

answer: Porgy and Bess

B. For 5 points—what author's works include *Summer and Smoke* and *Suddenly Last Summer*?

answer: Tennessee Williams (or Thomas Lanier Williams)

C. For 10 points—who originally performed "Summer in the City"?

answer: The Lovin' Spoonful

D. For 10 points—what Sloan Wilson novel set on an island in Maine was made into a 1959 film with a memorable musical theme?

answer: A Summer Place

17. There are several classes of organic compounds characterized by the presence of oxygen. Identify these, for 10 points each:

A. Widely used as solvents, these compounds have general formula R-O-R' (R prime), where R and R' are hydrocarbon radicals.

answer: ethers

B. This compound and its family are characterized by a five-membered heterocyclic aromatic ring of four carbons and an oxygen.

answer: furans

C. This class of organic compounds, with a double bond between the carbon and oxygen, has the general formula RCHO.

answer: aldehydes [NOTE: ketones are RCOR']

18. Identify these Biblical "A" figures, for the stated number of points:

A. For 5 points—the only apostle who fits this category.

answer: Saint Andrew

B. For 10 points—the third of the minor prophets, who describes Israel as "steeped in national prosperity and reveling in sin," he prophesies the judgment against Israel and its neighbors, but also messianic blessings.

answer: Amos

C. For 15 points—the figure from Acts who sold his property but only turned part of the money over to the community. He and his wife dropped dead after lying to Peter about the money.

answer: Ananias

19. 30-20-10. Identify the historical figure.

A. His essay "On Protracted War" argued that defeat of invasions should proceed through three stages of initial defeat, guerilla warfare against the invaders, and a final massing of native forces to expel the intruders.

B. A 1994 biography by his former physician reveals the way he used his unpredictable schedule, and ability to appear ill, to control his enemies, and continued privately to engage in dancing parties and affairs he publicly denounced as bourgeois.

C. He was the pre-eminent leader of his Communist country from 1949 until his death in 1976.

answer: Mao Zedong (Mao Tse-Tung)

20. On a 10-5 basis—identify these contemporaries of Shakespeare from works they authored:

A. 10 pts: *Dido, Queen of Carthage*, co-written with Thomas Nashe
5 pts: *Tamburlaine the Great*

answer: Christopher Marlowe

B. 10 pts: *The Honest Whore, Parts I and II*
5 pts: *The Shoemaker's Holiday*, 1600

answer: Thomas Dekker

C. 10 pts: *Pandosto, The Triumph of Time*, which provided Shakespeare with most of the plot of *The Winter's Tale*.

5 pts: "A Groatsworth of Wit Bought With a Million of Repentance" (1592), which warned his fellow playwrights of a young upstart actor named Shakespeare who had begun encroaching on their turf by writing plays himself.

answer: Robert Greene

21. Colombia held presidential elections in June, 1998. Answer the following questions, for 10 points each:

A. Which current president, burdened by a scandal involving large contributions from the Cali cartel, is leaving office after a four-year term?

answer: Ernesto Samper

B. What candidate of Samper's Liberal Party narrowly lost the 1998 presidential runoff?

answer: Horacio Serpa

C. Which Conservative Party candidate defeated Serpa, to claim the Colombian presidency?

answer: Andres Pastrana

22. Blood and lymph are commonly classed separately as vascular tissue. In animals, muscle is one of the other four fundamental types of tissue. For 10 points each—identify the other three.

answer: epithelial, connective, nervous

