

2003 Mad City Masters
Packet by Triceratops
(Tom Drucker, Eric Hillemann, Julie Stahlhut)

TOSSUPS

1. Eric Temple Bell begins his famous biographical essay on this man by quoting Schiller's line "Against stupidity the gods themselves fight unvictorious." Tom Petsinis novelized his life and controversial death in 1997's *The French Mathematician*. A visionary mathematician whose work supplied a group-theoretic condition for a polynomial to be solvable by radicals, this is—for 10 points—what man killed in an 1832 duel at age 20?

Answer: Évariste Galois

2. In modern use, this two-word alliterative term describes an export arrangement in which a transferable letter of credit is forwarded to a third-party supplier. In the musical *1776*, the original, more sinister version is described in lyrics sung by South Carolina's Edward Rutledge to taunt anti-slavery delegates. For 10 points—rum distilled in the Northeast colonies, West Indies molasses, and African slaves, were the classic vertices of what commercial traffic?

Answer: triangle trade

3. His tenets included irresistible grace, original sin, and the "utter helplessness of natural man to turn to God." An opponent of the Jesuits, he advocated reforms based on the teachings of St. Augustine. For 10 points—name this bishop of Ypres [EE-pruh] whose influence, centered on the convent of Port-Royal near Paris, was exerted over such prominent followers as Jean Racine and Blaise Pascal.

Answer: Cornelis Jansen

4. A 1909 canvas from what was later dubbed the Ashcan School, it has been owned since 1922 by the Cleveland Museum of Art. The scene depicts what was then an illegal contest, being conducted in a New York City athletic club. The artist depicts the spectators as vulgar, but shows admiration for the athletes, who remain graceful while locked in combat, akin to the clashes of antlered animals that give the painting its title. For 10 points—name this work by George Wesley Bellows.

Answer: (A) Stag at Sharkey's

5. Hilaire Belloc expressed great admiration for this writer's 1887 novel *The Crystal Age*, about a society which finds peace after the sex impulse has been extinguished. Alfred Russel Wallace praised his 1892 work *The Naturalist in La Plata*, which was followed by the standard reference works *British Birds* and *Argentine Ornithology*. But he is better remembered for his autobiographical *Far Away and Long Ago*, and best remembered of all for his romance about Abel and the half-wild bird girl, Rima. For 10 points—name this Argentinian-born author of *Green Mansions*.

Answer: W[illiam] H[enry] Hudson

6. Crystallographers define an edge type, in which atoms in a lattice slip along a plane, and a screw type, in which planes are twisted relative to each other. Anthropologists use the same word to describe forced emigration, such as that caused by war or natural disaster. In orthopedics, it describes a condition in which force applied to a ligament causes abnormal, often sudden, separation of bones. For 10 points—what is this term which describes what happens if a shoulder or kneecap pops completely "out of joint"?

Answer: dislocation or clear-knowledge equivalent (do not accept "subluxation")

7. He acquires a thighmaster and gravity boots, is observed laying kitchen tiles, playing the cello, decorating his Christmas tree, etc. In one episode he is prodded awake with a long poking device made from chopsticks. The audience finally sees his face in Season Five, "The One Where Everybody Finds Out," when he agrees to sublet his apartment to Ross. For 10 points—name this largely unseen character on *Friends*, Monica and Rachel's nudist neighbor who one episode reveals used to be cute until he put on weight.

Answer: Ugly Naked Guy

8. He was, according to a well-known piece of doggerel composed about his notorious snobbery, "a most superior person." A 2003 biography by David Gilmour, however, attempts to rehabilitate his reputation. Subtitled "Imperial Statesman," that book is a fresh reappraisal of his positive accomplishments, particularly as Lord Elgin's

successor as British viceroy for India from 1898 to 1905, and as foreign secretary from 1919 to 1924. For 10 points—the post World War I demarcation of the Polish-Soviet border was known as whose "line"?

Answer: George Nathaniel Curzon

9. A polymerized form of this molecule is used to separate DNA fragments in electrophoresis experiments. The monomer is neurotoxic and carcinogenic because of its affinity for DNA, and requires careful handling in labs, but recent research shows that we may also be heavily exposed to it in the kitchen and dining room. For 10 points—name this compound recently discovered to be present in baked and fried starchy foods such as bread and potato chips.

Answer: acrylamide (accept polyacrylamide)

10. He wrote in a preface that he had written an honest book, in which he would portray himself "without strain or artifice," and he warned the reader that "there is no reason why you should waste your leisure on so frivolous and unrewarding a subject" as himself. In that book he wrote variously of subjects such as idleness, liars, war horses, smells, prayers, the Greatness of Rome, thumbs, and cannibals, by way of pioneering a new form of literature and coining a new term from the French for "to try." For 10 points—name this author who in 1580 published the first 94 of his *Essays*.

Answer: Michel (Eyquem) de Montaigne

11. A Kentucky Congressman in the 1920s and 1930s, he resigned to accept appointment to the U.S. Court of Appeals. He later served as Secretary of the Treasury before being tapped by President Truman to fill a vacancy created by the death of Harlan F. Stone. His own death in 1953 cleared the way for his succession by Earl Warren. For 10 points—name this 13th Chief Justice of the U.S. Supreme Court, who shared a surname with Georgia Congressman Carl, namesake of the highest peak in the Ellsworth Mountains.

Answer: Fred[erick Moore] Vinson

12. It was published in 1949, five years after its author had collaborated with Henry Morton Robinson on *A Skeleton Key to Finnegans Wake*. Despite its title, it is NOT about Lon Chaney. Instead, it argues that behind Apollo or Wotan, Moses or Jesus, and Lao-tzu or the Old Men of Australia, is a single heroic archetype. For 10 points—name this book that supposedly helped inspire the movie *Star Wars*, a classic of the comparative study of mythology, written by Joseph Campbell.

Answer: The Hero With a Thousand Faces

13. Lady Jane Grey; Mrs. Lee Harvey Oswald; Morgan Le Fay; Shakespearean women Ophelia and Olivia; and Henry James character Kate Croy. All are roles played by this actress, who lived with Kenneth Branagh after his divorce from Emma Thompson, and who is the great-granddaughter of former British prime minister Herbert Henry Asquith. For 10 points—name this actress whose signature parts have been in film adaptations of E. M. Forster novels, playing the characters Caroline Abbott, Helen Schlegel, and Lucy Honeychurch.

Answer: Helena Bonham Carter

14. It is a small town on Lake Geneva, home to a noted wine festival and filled with tourists who may gawk at sites associated with such former residents as Henryk Sienkiewicz, who died there, Peter Tchaikovsky, who composed *Joan of Arc* while staying there, and Charlie Chaplin, who was buried there. Other residents at one time or another included Rousseau, Dostoevsky, Victor Hugo, and Graham Greene. In fiction, it was where the *Little Women* character Laurie had gone to school before returning to Concord. For 10 points—name this Swiss town that is the world headquarters for Nestlé Chocolate.

Answer: Vevey, Switzerland

15. "He should be so lucky," commented his wife in response to an erroneous closed-caption news report in the spring of 2003 that this man had been hospitalized "with an enlarged prostitute," when he fact he was undergoing prostate surgery. That wife, NBC news correspondent Andrea Mitchell, dated him for almost a decade before they married in 1997. For 10 points—name this subject of Bob Woodward's 2000 biography *Maestro*, who is a conductor not of music but of the economy, as chairman of the Federal Reserve.

Answer: Alan Greenspan

16. He is first assigned as a batman to the military chaplain Otto Katz, a Jewish-born atheist whose priesthood serves as cover for drunkenness and debauchery, but Katz loses him in a card game to Lieutenant Lukás [LEW-kahsh], and the two of them are transferred to the front together after the theft of Colonel Kraus's dog. Perceived as

an imbecile, he usually manages to foil authority and avoid combat as a Czech recruit in the Austrian army during World War I. For 10 points—name this heroic simpleton imagined by author Jaroslav Hasek.

Answer: Josef "the Good Soldier" Schweik (or Svejk)

17. Ranging through temperate North America, *Limenitis archippus* [lim-en-EYE-tis ar-KIP-us] has a larva that resembles those of swallowtails and feeds on willow and aspen. Unlike its closest relatives, the adult is orange to brown in color with a distinctive black line across the hind wing, resembling a more distantly related but better-known insect. For 10 points—name this butterfly which may gain protection from predators because it is either a Batesian or Mullerian mimic of the monarch.

Answer: viceroy

18. In one event she broke the Olympic record of Valerie Brisco-Hooks. In another she broke the Olympic record of Evelyn Ashford. Fifteen years after the Seoul Olympics, and five years since her death of a heart seizure, she remains the women's world record holder in both events, the 200- and 100-meter dashes. For 10 points—name this fastest woman in track and field history, a flamboyant sprinter with eye-catching fingernails who was married to former Olympic triple jump champion Al.

Answer: Florence Griffith-Joyner (prompt on "Joyner" or on "FloJo")

19. In this comic opera, a character named Tarara serves as the Public Exploder for a state which may be described as Despotism tempered by Dynamite. There is also a journal called *The Palace Peeper* that holds up the reigning monarch to ridicule, the articles for which are written by their subject. Princess Zara's English education sparks reforms on a South Sea island in—for 10 points—which Gilbert and Sullivan opera whose name combines terms associated with Thomas More and contemporary English business practices?

Answer: Utopia, Limited (Ltd.)

20. He and most of his followers were killed at Pistoria, when his attempt to cross the Apennines into Gaul was thwarted by Gaius Antonius Hybrida's republican army. A couple of months earlier he had been denounced as a traitor by one of the men elected consul instead of himself in 64 B.C. Supported by paupers and discontents attracted by his demagogic proposals to cancel debt and proscribe the wealthy, this is—for 10 points—what conspirator against the Roman republic unmasked by Cicero?

Answer: Catiline (or Lucius Sergius Catilina)

21. Though fictional, it is probably based on the town of Laugharne [loch-HARN], where the author lived. A small fishing village, its inhabitants include Lily Smalls, Mog Edwards, Organ Morgan, and Captain Cat, and its name, though sounding Welsh enough, is actually a jest derived from reversed spelling. For 10 points—a single day in the life of what imaginary village is described in Dylan Thomas's "play for voices" *Under Milk Wood*?

Answer: Llareggub (accept Under Milk Wood until the word "village")

22. The apyrene [ah-PIE-reen] type produced by some animals lacks chromatin, and tends to clump into tangled structures after transfer. These may interfere with the function of the normal, eupyrene [yoo-PIE-reen] type by blocking the latter's path to its target, possibly enhancing the relative success of a female's first mate. For 10 points—name this type of small haploid cell, which functions as the male gamete in sexual reproduction.

Answer: spermatozoa (or spermatozoon, pronounced "sper-mah-tah-ZOH-on")

23. Britain's first martyr, he was beheaded in 305 in the town of Verulamium for harboring a Christian priest, and in 795 a monastery named for him was built on the site. Francis Bacon was later made viscount of the borough. For 10 points—name this saint whose town witnessed two battles during the Wars of the Roses.

Answer: St. Albans or Alban (accept Albion)

24. It is an 88-foot rise of land originally known as Jenkins Heights, the crest of which architect Pierre L'Enfant characterized as "a pedestal waiting for a superstructure." L'Enfant proceeded to supply that superstructure, choosing the site as the location for placement of the "Congress House." For 10 points—supply the two-word name applied to the historic district of Washington, DC within which the United States Congress deliberates.

Answer: Capitol Hill

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BONUSES

1. These literary titles should have a familiar ring.
 - A. For 5 points—this first volume in J. R. R. Tolkien's *Lord of the Rings* trilogy is named for a group of nine.
Answer: The Fellowship of the Ring
 - B. For 5 points—this penultimate volume in Winston Churchill's *The Second World War* series ends with the Allies advancing through Italy and poised to invade France.
Answer: Closing the Ring
 - C. For 10 points—this long Robert Browning poem concerns an Italian murder of 1698, told from twelve different points of view through dramatic monologues.
Answer: The Ring and the Book
 - D. For 10 points—this is the English title of Selma Lagerlof's historical trilogy set in 18th-century Varmland.
Answer: The Ring of the Lowenskolds

2. Identify these U.S. cities with French-derived names, for 10 points each:
 - A. This northeast Iowa city on the Mississippi River was named for French Canadian entrepreneur "Julien," who founded lead mines there.
Answer: Dubuque
 - B. This smallest capital city in the U.S. is located along the Winooski River, and shares its name with a famous residence in Virginia.
Answer: Montpelier, VT
 - C. This northern Idaho city and lake were named when indigenous people refused to trade with the French, who then claimed the tribespeople were as hard-hearted as a sharp tool.
Answer: Coeur D'Alene ("heart of an awl")

3. Name these songs recorded by multiple artists, for 10 points each:
 - A. Originally a 1973 Stevie Wonder release from his *Innervisions* album, it was also a 1989 hit for the Red Hot Chili Peppers, off of *Mother's Milk*.
Answer: Higher Ground
 - B. This 1965 Rolling Stones classic has also been recorded by Devo, in 1978, and Britney Spears, in 2000.
Answer: (I Can't Get No) Satisfaction
 - C. Originally a fundamentalist revival hymn, this song featured in the musical *Guys and Dolls* was also covered by Don Henley on 1992's *Leap of Faith* soundtrack.
Answer: Sit Down, You're Rockin' the Boat

4. Name these organic acids, for 10 points each:
 - A. Also called "methanoic acid," this single-carbon compound is used as a defensive secretion by many ant species.
Answer: formic acid
 - B. This fatty acid with formula C₁₈ H₃₄ O₂ has a name reflecting its presence in many vegetable oils.
Answer: oleic acid
 - C. The only amino acid without a chiral [KY-ral] center, it is also the smallest protein-forming amino acid, with a molecular weight of only 75.
Answer: glycine

5. One of the legendary events of Teddy Roosevelt's life is the charge up San Juan Hill. For 10 points each—
 - A. The featured assault was actually up this neighboring hill.
Answer: Kettle Hill
 - B. This colonel and future army chief of staff was the actual commander of the Rough Riders.
Answer: Leonard Wood
 - C. The overall commander of the U.S. cavalry division in Cuba was this former Confederate cavalry officer with the Army of Tennessee.
Answer: Joseph Wheeler

6. It was 2,000 pages long until edited down to about 900. For 10 points each—

A. Name this 1935 sequel novel, subtitled "A Legend of Man's Hunger in His Youth."

Answer: Of Time and the River (by Thomas Wolfe)

B. What celebrated Scribner's editor did the pruning?

Answer: [William] Maxwell [Evarts] Perkins

C. The novel continues the life of what Wolfe character as he leaves his southern home for Harvard?

Answer: Eugene Gant

7. Three films that have won the Academy Award for Best Picture have titles containing the name of a city. Score 10 points for each that you can name now, or 5 points for each that you name after being given the director's name. [Moderator: provide directors' names for any of the answers not given immediately.]

Answer: Casablanca (directed by Michael Curtiz); An American in Paris (directed by Vincente Minnelli); Chicago (directed by Rob Marshall)

8. 30-20-10-5. Identify the poem.

A. Its first canto ends: "Some fold the sleeve, whilst others plait the gown; / And Betty's praised for labors not her own."

B. Its second canto ends: "With beating hearts the dire event they wait, / Anxious, and trembling for the birth of Fate."

C. Its third canto ends: "What wonder then, fair nymph! thy hairs should feel, / The conquering force of unresisted steel?"

D. Its fifth and final canto ends: "This lock the Muse shall consecrate to fame, / And 'midst the stars inscribe Belinda's name."

Answer: The Rape of the Lock (by Alexander Pope)

9. They were both killed on January 16, 1919, while in government custody. For 10 points per answer—

A. Name both members of this duo who just weeks earlier had founded the German Communist Party.

Answer: Karl Liebknecht, Rosa Luxemburg

B. Liebknecht and Luxemburg had headed the radical league named for what ancient rebel?

Answer: Spartacus

10. Commemorated in a 1982 song by Donald Fagen, it was actually an 18-month period beginning in 1957. For 10 points each—

A. What name was given to this period of collaborative research involving 67 nations?

Answer: International Geophysical Year or IGY or l'Annee Geophysique Internationale

B. The IGY was scheduled to coincide with a high point of what cyclic phenomenon?

Answer: sunspots

C. The first, third, and fourth of which U.S. satellite series mapped the Earth's radiation belts during the IGY?

Answer: Explorer (1, 3, and 4)

11. Name these literary works of Asia, for 10 points each:

A. In this 5th-century play by Kalidasa, King Dushyanta and the namesake nymph produce the child Bharata, ancestor of the Indian nation; the lovers are separated, but reunited in heaven.

Answer: The Recognition of Sakuntala or Abhijnanasakuntala

B. In this 14th-century opera by Gao Ming, the devoted wife Zhao Wuniang wanders as a musician of the title instrument while searching for her runaway husband, Cai Bojie.

Answer: Lute Story or Pipa ji

C. In this 20th-century novel by Mishima, the title character is Tsukazaki, whose affair with the widow Fusako is witnessed by her misfit son Noboru, with tragic results.

Answer: The Sailor Who Fell From Grace With the Sea or Gogo no Eiko

12. Name these noted composers of film scores, for 10 points each:

A. This Russian-American scored over 250 films including *Red River*, *Giant*, and *the Guns of Navarone*. He won Oscars for *High Noon*, *The High and the Mighty*, and *The Old Man and the Sea*.

Answer: Dmitri Tiomkin

B. He composed music for such films as *Charade* and *The Pink Panther*, and received Academy Awards for his scores for *Breakfast at Tiffany's* and *Victor/Victoria*.

Answer: Henry Mancini

C. Though he debuted with *Citizen Kane*, he is best-known for scoring such Hitchcock films as *Vertigo*, *North by Northwest*, and *Psycho*. He died days after finishing the score to Scorsese's *Taxi Driver*.

Answer: Bernard Herrmann

13. For 10 points each—name these historic treaties or agreements known by hyphenated names:

A. The 1817 Anglo-American agreement to demilitarize the Canadian border

Answer: Rush-Bagot Convention

B. The 1903 treaty creating the U.S.-controlled Panama Canal Zone

Answer: Hay-Bunau-Varilla Treaty

C. The secret 1916 agreement dividing much of the Middle East into British and French spheres of influence

Answer: Sykes-Picot agreement

14. Identify these mathematicians, for 10 points each:

A. This founder of the subject of graph theory has given his name to a path that includes exactly once all the edges of a graph and starts and ends in the same place.

Answer: Leonhard Euler

B. This founder of the subject of quaternions has given his name to a path on a mathematical graph that includes each vertex once and only once.

Answer: William Rowan Hamilton

C. This pioneer of chaos theory's namesake delta is a constant arising in any dynamical system that approaches chaotic behavior via a period-doubling bifurcation, and has a single quadratic maximum.

Answer: Mitchell Feigenbaum

15. Name these horses of myth and legend, for 10 points each:

A. Its sire was the stallion Svadilfara; its dam was the shape-shifting god Loki.

Answer: Sleipnir

B. It had wings, and the head and breasts of a beautiful woman, and it bore Mohammed to heaven from Jerusalem.

Answer: al-Buraq (or Barak)

C. This horse given by Charlemagne to the four sons of Aymon had the ability to lengthen to accommodate multiple riders.

Answer: Bayard

16. In an event likened to the fall of the Berlin Wall, the so-called "Green Line" was opened last April by President Rauf Denktas for the first time since it was established and lined with barbed wire in 1974. For 10 points each—

A. On what divided land?

Answer: Cyprus

B. This is the full five-word English name for the section of the island governed by Denktas, an entity recognized internationally only by the government in Ankara.

Answer: Turkish Republic of Northern Cyprus

C. This is the current Islamist president of Turkey, who has been pressing Denktas for movement on the question of UN-sponsored reunification talks.

Answer: Recep Tayyip Erdogan

17. Name these Russian artists, for 10 points each:

A. Namesake of a Moscow museum and of an epic film by Andrei Tarkovsky, he is usually considered the finest medieval Russian painter of icons.

Answer: Andrei Rublev

B. New York's Museum of Modern Art features the famous canvas *White on White* by this founder of Suprematism.

Answer: Casimir Malevich

C. Years after studying in St. Petersburg under Lev Nikolayevich Bakst, who had designed sets for Diaghilev, this native of Vitebsk designed the sets and costumes for Stravinsky's *Firebird*.

Answer: Marc Chagall

18. Seven U.S. presidents were born in Ohio, but only five presidents are buried there. For 10 points per answer—

A. The only president buried in Ohio who was not born there is this Virginia-born army officer.

Answer: William Henry Harrison
B. Name any two of the three presidents born in Ohio who are buried elsewhere.
Answer: Ulysses Simpson Grant (New York City), Benjamin Harrison (Indianapolis), William Howard Taft (Arlington National Cemetery)

19. For 5 points each, and a bonus 5 for all, what current world capital city was formerly known as:

A. Salisbury?

Answer: Harare (Zimbabwe)

B. Leopoldville?

Answer: Kinshasa (Democratic Republic of the Congo)

C. Philadelphia?

Answer: Amman (Jordan)

D. Batavia?

Answer: Jakarta (Indonesia)

E. Bathurst?

Answer: Banjul (The Gambia)

20. Name these members of the Baseball Hall of Fame in Cooperstown who were also lawyers, for 10 points each:

A. Inventor of the minor league farm system, this executive for the Cardinals, Dodgers, and Pirates is best remembered for a contract tendered in 1945.

Answer: (Wesley) Branch Rickey (the contract tendered was to Jackie Robinson)

B. They don't teach you in law school how to manage a psychopath like Ty Cobb, but that's just what this longtime Tiger skipper had to do from 1907 to 1920.

Answer: Hugh Ambrose "Hughie" Jennings

C. The legal studies of this 19th-century star and early players' unionist led him to compare the reserve clause to chattel slavery, and to help form the 1890 Players League.

Answer: John Montgomery "Monte" Ward

21. Identify these named "laws" of the dismal science, economics:

A. For 5 points—"Bad money drives out good."

Answer: Gresham's Law

B. For 10 points—"Supply creates its own demand."

Answer: Say's Law

C. For 15 points—"any observed statistical regularity will tend to collapse once pressure is placed on it for control purposes." In other words, if the government tries to use an observed relationship between variables as a policy tool, that relationship is likely to break down.

Answer: Goodhart's Law

22. Identify these astrophysics terms beginning with "S":

A. For 5 points—this word denotes the result of a star's implosion to a point of infinite density and zero volume, where the laws of physics are likely to break down.

Answer: singularity

B. For 5 points—this is the radius of the event horizon around a black hole.

Answer: Schwarzschild radius

C. For 10 points—this is any of a class of galaxies known to have active nuclei.

Answer: Seyfert galaxy

D. For 10 points—this is a highly polarized nonthermal radiation emitted by charged particles moving at speeds close to that of light when their paths are altered, as by a magnetic field.

Answer: synchrotron radiation

23. In 1906, one of America's premier architects was shot and killed by a man claiming to be defending the honor of his wife, the former chorus girl Evelyn Nesbit. The ensuing scandal was sensational, and made the chorus girl into one of America's earliest sex symbols. For 10 points per answer—identify:

A. Both the man killed, and the killer.

Answer: Stanford White, Harry K. Thaw

B. The building, designed by Stanford White, in whose rooftop garden White was killed.

Answer: Madison Square Garden

24. The world's three largest universities, by student enrollment, are located on three different continents. Two instruct in Spanish, and one in English. For 10 points per answer—

A. The largest, with over 300,000 students, is what country's National Autonomous University?

Answer: Mexico

B. The next two largest, each with over 235,000 students, are the Universities of what two cities, one in South America and the other in South Asia?

Answer: Buenos Aires, Calcutta