

1998 Paul Bunyan Tournament

Tossups by Extreme Catfighting

(Rachel Marshak, Richard Mason, Maribeth Swiatek)

1. John Conroy caused her to be raised by "the Kensington system," isolating her from friends and family, but this did not make her easy to control. She proposed to her future husband just five days after meeting him. She originally intended to share no power with her husband, but he gradually took over as she was distracted by nine pregnancies, and she eventually concluded, "We women are not made for governing." For 10 points—what woman nevertheless did nominally govern Great Britain for 64 years?

answer: Queen Victoria

2. By applying two phosphor-bronze contacts to opposite sides of a germanium slice, John Shive proved that its amplification properties were not due to a surface effect but to a property of the bulk material. This agreed with a 1948 prediction that the observed power gain of the system was due to the injection of minority carriers in the bulk across a p-n junction, a theory developed by William Shockley. For 10 points—name this device which won Shockley, John Bardeen and Walter Brattain the 1956 Nobel Prize in Physics.

answer: (bipolar) junction transistor or BJT (NOT field-effect transistor!)

3. "There are those who believe that life here began out there, far across the universe, with tribes of humans who may have been the forefathers of the Egyptians, or the Toltecs, or the Mayans. Some believe that there may yet be brothers of man, who even now, fight to survive, somewhere beyond the heavens." For 10 points—the foregoing quote comes from what series airing on ABC from 1978-79, about a "ragtag, fugitive fleet," "fleeing from Cylon tyranny"?

answer: Battlestar Galactica

4. In 1983, Marvel Comics published his biography, which includes tales of his exploits as a soccer goalie, member of the Studio 38 experimental theatre group, stonecutter, ethics professor, poet and chemical boilertender. For 10 points—name this man who survived a 1981 assassination attempt by Mehmet Ali Agca, the author of *Poems from the Planet Earth*, *Redemptoris Mater*, and *Crossing the Threshold of Hope*.

answer: Pope John Paul II or Karol Wojtyla (or even the Pope)

5. An Indian deity who was the "master of plants" shared his name with a particular plant, perhaps *Asclepius acida*, whose juice was mixed with water and milk and offered to the Vedic gods. When drunk it produced exhilaration and possibly hallucinations. In literature, another substance of this name brought bliss with one tablet, visions with two, and refreshing sleep with three. For 10 points—a gram of what substance was better than a damn in Aldous Huxley's *Brave New World*?

answer: soma

6. As Cambridge's Regius professor of Greek, he produced the definitive translation of Euclid's *Elements*. As Gresham professor of geometry, he made advances in optics, including the modern theory of image formation in spherical mirrors, and the idea that light had both particle and wave characteristics. He came close to discovering the calculus, but his self-limitation to geometry prevented it, and left the task for his student. For 10 points—name this mathematician and theologian who resigned the Lucasian chair in 1673 so that Newton could succeed him.

answer: Isaac Barrow

7. The title characters tell their own story in the opera *Mops Hacker*, performed only once at the gigantic castle of Neuhundstein which they built in the middle of New York. Cleo Pira's articles and Ludwig von Sacher's diary detail their arrival in 2008 from Rankstadt, an isolated town in the Canadian wilderness, which they burned in order to free themselves from their oppressors. For 10 points—these hybrid creatures with artificial voice boxes and prosthetic hands are the subject of what 1998 novel by Kirsten Bakis?

answer: Lives of the Monster Dogs

8. In 1771 the Church of Santa Maria del Carmine was gutted by a fire, but luckily, this part of the right wing survived. The wall decorations, painted from 1428 to 1485, were blackened by smoke, leading to some doubt as to which of the three men commissioned by Florence's ambassador to Egypt created works such as *The Life of St. Peter* and *The Original Sin*. For 10 points—name this site of frescoes by Masolino and Filippino Lippi, which also contains the *Expulsion of Adam and Eve* and *Payment of the Tribute Money* by Masaccio.

answer: the Brancacci Chapel

9. This man's teammates Henry Rodriguez and Mickey Morandini hit home runs on June 26, 1998, but Rudy York's 61-year old record was broken when this player hit his 32nd home run of the season off Tiger starter Brian Moehler. For 10 points—name this recent home-run powerhouse who broke York's record with 19 home runs in a single month, the starting right fielder of the Chicago Cubs.

answer: Samuel "Sammy" Peralta Sosa

10. After graduating from Princeton, he joined the foreign service and took various postings in Eastern Europe. He studied Russian thought and culture in Berlin in 1929 and later went to a posting in Moscow. In 1947, he became the director of policy-planning for the State Department. In his most famous article, he questioned appeasement of the Soviet Union, arguing instead for U.S. countepressure. U.S. firmness would either cause the Soviet Union to cooperate with the West or collapse. For 10 points—name the author of this article which appeared in *Foreign Affairs* and was signed with the pseudonym, "X."

answer: George Kennan

11. Consisting of barren ravines and ridges of multicolored shale, its sandstone layers are famous for fossils. It was designated a national monument in 1929, but renamed a national park in 1978. Consisting of 243, 302 acres of land, it lies between the White and Cheyenne rivers. For 10 points—name this park in southwestern South Dakota which shares its name with the area where the Maquis have their bases.

answer: Badlands National Park

12. This four syllable Italian word refers to the long-pointed hood worn by an order of Franciscan friars established in the 1520s. A shortened version of this word became the English name for the order. In Italian, the word acquired a second meaning because the color of the friars' habits resembled a particular beverage. For 10 points—what do you call an espresso coffee mixed or topped with steamed milk or cream?

answer: Cappuchino

13. F. W. Aston and J.J. Thomson showed in 1913 that an ionized beam of these atoms, when subjected to electric and magnetic forces, split into two parabolas rather than one, making it the first element shown to consist of more than one stable isotope. Though one of the half-dozen most abundant elements in the universe, it is not abundant on earth, where we must process 88,000 pounds of liquid air to produce one pound of it. For 10 points—identify this element most noted for emitting a bright orange-red light when an electrical current passes through it.

answer: neon or Ne

14. "At the hole where he went in, Red-Eye called to Wrinkle-Skin. Hear what little Red-Eye saith: 'Nag, come up and dance with death!' Eye to eye and head to head... This shall end when one is dead... Turn for turn and twist for twist... Hah! The hooded Death has missed!" This epigram begins—for 10 points—what Rudyard Kipling tale about a family of cobras faced with a mongoose?

answer: Rikki-Tikki-Tavi

15. Under siege from fungal and viral diseases and insects, including monilla, witches broom and black pod disease, a shortage of this item could be expected in as little to 5 to 10 years. First discovered by the Aztecs, word of this item spread in Europe early in the 17th century, after Spain's Emperor Charles VI introduced the Austrians to it. The average American eats 11.2 pounds of this food a year. For 10 points—name this item, produced by the cacao tree.

answer: Chocolate

16. Its finale originally contained three blows with a large hammer, representing "the three blows of fate which fall on a hero, the last one felling him as a tree is felled." However, the composer's superstition led to the removal of the final blow, which he thought presaged his death. The work is set in two parts, the first a setting of the medieval Latin hymn "Veni Creator Spiritus" and the second text taken from the final scene of Goethe's *Faust*. For 10 points—name this Mahler work in E flat major scored for eight solo voices, double chorus, boys' choir, organ, and an enormous orchestra.

answer: Symphony of a Thousand or Symphony No. 8

17. Any financial market model in which every contingent claim can be hedged. A metric space in which every Cauchy sequence converges. A graph in which every pair of vertices is joined by an edge. A flower having sepals, petals, stamens, and pistils. These are all described by—for 10 points—what two-syllable adjective which, in ordinary usage, can mean "concluded," or "consummate" or "entire"?

answer: Complete

18. He was elected in May as the governor of the Krasnoyarsk region, though he has never lived there. This victory heightens his stature in the 2000 Russian presidential election. Portrayed as a Terminator-like figure in a popular Russian television show, this former general was once in favor at the Kremlin, serving as the top national security adviser to Boris Yeltsin, though he was later ousted. For 10 points—name this man, credited with ending the war in Chechnya.

answer: Alexander Lebed

19. Chaucer dedicated *Troilus and Criseyde* to this English poet, who was granted two casks of wine a year by Henry IV in reward for complimentary poetic references. In Shakespeare's *Pericles, Prince of Tyre*, his ghost acts as the narrating chorus. The story of *Pericles* is derived from *Apollonius of Tyre*, one of the 141 ancient tales imparted by Genius to the poet Amans to instruct him in the art of

courtly love in—for 10 points—whose major work, the *Confessio Amantis*?

answer: John Gower

20. In a tarot deck, it is Card Ten of the Major Arcana. This ancient metaphor was used by Cicero, but was especially popularized in Boethius' *Consolation of Philosophy*, written after the author had rapidly changed from a favored court official to a prisoner awaiting execution. It is also an Ace of Base song that asks, "What you gonna tell your dad?" For 10 points—what phrase also names America's most popular game show?

answer: Wheel of Fortune

21. Falling down stairs, assaulted by bears, wasting away, thrown out of a sleigh, choking on a peach, sucked dry by a leech, smothered under a rug, or done in by a thug? These are the unpleasant fates of Amy, Basil, Clara, Desmond, Ernest, Fanny, George, and Hector in—for 10 points—what diabolical children's alphabet conceived by Edward Gorey?

answer: The Gashlycrumb Tinies (prompt on Gorey)

22. During the winter of 1944, this disease caused by the rickettsia *Coxiella burnetti* broke out among both Axis and Allied troops in the eastern Mediterranean. Previously the disease had only been known in Australia, where abattoir workers and ranchers had been infected by their livestock with—for 10 points—what disease whose name refers to the many questions its discovery raised?

answer: Q fever (prompt on "rickettsial pneumonia" or "Balkan grippe")

1998 Paul Bunyan Tournament

Bonuses by Extreme Catfighting

(Rachel Marshak, Richard Mason, Maribeth Swiatek)

(all bonuses worth 30 points)

1. Identify character names from Shakespeare and Homer on a 15-5 or 15-10 basis.

A. 15: Odysseus' biological father may have been Zeus, or possibly Sisyphus, but this man was his legal father, from whom he inherited the kingship of Ithaca.

5: He shares his name with the son of Polonius in *Hamlet*.

answer: Laertes

B. 15: This character in *The Winter's Tale* is an amoral vagabond thief whose attempts to exploit matters for monetary gain accidentally bring about the happy ending.

10: Appropriately, he shares his name with a thief in Greek mythology who was the son of Hermes, the mother of Anticlea, and the grandfather of Odysseus.

answer: Autolycus

2. Name these operas which suffered the wrath of the papal censor, for the stated number of points:

A. For 5 points—this Verdi opera was re-titled *Violetta* in Rome so as to avoid the indecency of the word "whore."

answer: La Traviata

B. For 10 points—this opera by Bellini was renamed *Elvira e Walter* since Protestant denominations could not be named in Vatican City.

answer: I Puritani

C. For 15 points—this 1862 Verdi opera was called *Don Alvaro* after Leonora's half-Indian suitor, since, theologically, the only ever-present power in the universe is God's will.

answer: La Forza del Destino or The Power (or Force) of Destiny

3. For the stated number of points—given the concepts, name the social scientist.

A. For 5 points—dialectical materialism.

answer: Karl Marx

B. For 10 points—collective consciousness and division of labor.

answer: Emile Durkheim

C. For 15 points—the security dilemma

answer: Robert Jervis

4. Name these alloys, for 10 points each:

A. A granulated form of the white variety of this alloy, containing more than 45 percent zinc in a copper base, is often used in soldering.

answer: brass

B. Usually made from high-carbon ferrochromium by the argon-oxygen decarburization process, its low carbon content makes it suitable for most heat and corrosion resistance. The most common type is the 304 grade, or 18/8, which contains 18 percent chromium and 8 percent nickel.

answer: stainless steel

C. This nickel-based commercial alloy is precipitation-hardenable and contains iron, chromium and traces of niobium, molybdenum and titanium. Its superior resistance to heat, corrosion and oxidation compared to stainless steel leads to its use in gas turbines, rocket motors, and nuclear reactors.

answer: Inconel 718 or 751

5. Name the U.S. national park, for 10 points each.

A. In this park established in 1962, gem hunters in the 1890s would dynamite the logs in search of amethyst.

answer: Petrified Forest

B. Its name is Athabascan for "the high one."

answer: Denali

C. It was the site of a cattle ranch established by the person it is named after.

answer: Theodore Roosevelt

6. Identify these fragmented personalities, for 10 points each:

A. When this author's body was washed ashore in Livorno and burned, his wife Mary snatched his heart from the pyre and carried it around with her in a metal box until she died. It was buried with her in Dorset.

answer: Percy Bysshe Shelley

B. When he died in Chitambo, Zambia, his African servants removed his heart and viscera and buried them in African soil. It took them nine months to carry the rest of his embalmed body to the coast so it could be sent back to England and be buried in Westminster Abbey.

answer: Dr. David Livingstone

C. This philosopher's remains started in Stockholm and were moved to the Paris Pantheon in 1667. However, the French treasurer general kept the bones of his right hand, his skull is in the Museum of

Man and his heart is buried under the floor of the Church of St.-Germain des Pres.

answer: Rene Descartes

7. Identify these classes of polymers, for 10 points each:

A. These polymers are produced either by the condensation of monomers formed by the reaction with a diamine and a dicarboxylic acid or by the self-condensation of an amino acid. An example is nylon 6-6.

answer: polyamides

B. Monomers made by the linkage of alcohol to carboxylic acid condense to form these polymers, examples of which include Mylar, Dacron, and Chad Kubicek's pants.

answer: polyesters

C. Used in O-rings, caulks, gaskets and surgical implants, the bonds in the backbones of these polymers formed from the hydrolysis of dialkyldimethoxysilane make them highly flexible, heat resistant, and chemically inert.

answer: polysiloxanes (or, less correctly, silicones)

8. Every year I write a bonus for the tournament based on the books on tape that I listen to during my drive from California. For the stated number of points—given the clues, name the books.

A. For 5 points—this book by John Berendt about life in Savannah was made into a movie directed by Clint Eastwood.

answer: Midnight in the Garden of Good and Evil

B. For 10 points—one of the better books by John Grisham, it tells the story of Patrick Lanigan, a lawyer who fakes his own death and then steals \$90 million.

answer: The Partner

C. For 15 points—this snoozer by Scott Turow has characters such as Sonia Klonsky, Nile Edgar, and Hardcore, and features a university which resembles Stanford.

answer: The Laws of Our Fathers

9. Significant events have been happening in Spice World lately. For 10 points each—name these Spices:

A. This Spice, otherwise known as Geri Halliwell, recently left the group.

answer: Ginger Spice

B. One explanation suggested for Ginger Spice's departure was her feud with this Spice, whose real name is Melanie Brown.

answer: Scary Spice

C. The group minus Ginger recently sang in a concert with Luciano Pavarotti. The group gave him this nickname, which is the same as that of a personal hygiene product.

answer: Old Spice

10. Name these genera of protozoans, for 10 points each:

A. This genus has an elongated cell with one nucleus, pigment-containing chloroplasts, a contractile vacuole, an eyespot, and flagella. Some species develop tremendous populations as green or red "blooms" in ponds or lakes.

answer: Euglena

B. This freshwater genus lives in oval, hollow colonies one cell in depth and about the size of a pinhead, which contain up to 60,000 cells imbedded in a gelatinous wall. It possesses differentiation between somatic and reproductive cells.

answer: Volvox

C. This trumpet-shaped genus of the order Heterotrichida assumes an oval or pear shape while swimming. It uses cilia to sweep food particles into its cytostome, and is remarkable for its regenerative powers from tiny fragments of the adult.

answer: Stentor

11. Identify these ancient peoples, for 10 points each:

A. These people of western Anatolia had their capital at Gordium and were ruled by the legendary King Midas. Thought to have originated the art of embroidery, they were famous for their carpets.

answer: Phrygians

B. Around 696 BC, Midas' kingdom was destroyed when these people came over the Caucasus, invaded Phrygia, and burned Gordium. The fictional Conan the Barbarian was of this tribe.

answer: Cimmerians

C. These people eventually repelled the Cimmerians and expanded into the vacuum left by the destruction of Phrygia. According to Herodotus, they invented gold and silver coins, and were the first people to have permanent retail shops.

answer: Lydians

12. For 10 points each—identify the following persons connected with the recent historic elections in Northern Ireland:

A. This Protestant leader's faction, the Ulster Unionist Party, received the most votes.

answer: David Trimble

B. The Catholic Social Democratic and Labor Party led by this man, who shares his name with a philosopher, received the most votes of any Catholic Party.

answer: David Hume

C. The Democratic Unionists led by this firebrand did not receive enough votes to be able to block the peace accord in the assembly.

answer: Rev. Ian Paisley

13. On *The X-Files*, Fox Mulder's informants always seem to die untimely deaths. For 10 points each—name the informant given clues and a description of his demise.

A. A member of the Syndicate, the Briton is blown up in his own car in the X-Files movie after giving Mulder a vaccine for saving Scully.

answer: The Well-Manicured Man

B. He shares his name with a famous real-life informant. He helped Mulder during the first season of the show and was gunned down by government agents after an exchange of an alien fetus for Mulder.

answer: Deep Throat

C. He was Mulder's informant during the second and third season. Shot down outside of Mulder's apartment in the first episode of the fourth season, he manages to write one last clue on the floor in blood.

answer: X

14. Name these fashionable military leaders, for 15 points each:

A. His was the ambiguous order which led to the disastrous charge of the Light Cavalry Brigade at the Battle of Balaklava. The name of this inexperienced commander was applied to a wide-set sleeve introduced shortly after his death in 1855.

answer: FitzRoy James Henry Somerset, 1st Baron Raglan (also accept Somerset)

B. Before leading the Charge of the Light Brigade on Raglan's order, he commanded the 11th Light Dragoons. He made them the smartest regiment in the service, and perhaps the most smartly dressed, since apparently they wore the type of jacket introduced by and named for him.

answer: James Thomas Brudenell, 7th earl of Cardigan (also accept Brudenell)

15. Name the tennis player, for 10 points each.

A. He won the Grand Slam in 1938 and wrote a book that appears in the film *The Spanish Prisoner*.

answer: Don Budge

B. She defeated four top-10 players in a row at the 1998 Lipton championships. Her relationship with the Detroit Red Wings' Sergei Fedorov prompted the Queens District Attorney's office to warn him about statutory rape.

answer: Anna Kournikova

C. Atypical of other top-50 players, he has no coach and no clothing endorsements. At Wimbledon

in 1995, he stormed off the court and his wife Benediete slapped the chair umpire.

answer: Jeff Tarango

16. 30-20-10. Identify the knight of the Round Table.

A. Neither King Arthur nor any other knights of the Round Table are able to pull a sword from a scabbard, but this poorly dressed knight succeeds. He keeps the sword despite being told that if he keeps it he will kill his best friend with it and be killed himself.

B. The Lady of the Lake asked King Arthur to kill this knight. When the knight heard this, he went to the Lady of the Lake and chopped off her head. Another of his victims was King Pellam, who he smote with the Dolorous Stroke.

C. He shares his name with a dwarf in *The Lord of the Rings* who led an ill-fated expedition to the mines of Moria.

answer: Sir Balin le Savage

17. Answer the following about a 312 battle, for the stated number of points:

A. For 5 points each—name the two brothers-in-law who fought each other at the Battle of the Milvian Bridge.

answer: Constantine the Great (or Flavius Valerius Constantinus) and Marcus Aurelius Valerius Maxentius

B. For 10 points each—name the two roads which intersected at the Pons Milvius, which collapsed during Maxentius' disorderly retreat.

answer: Via Cassia and Via Flaminia (accept Cassian Way and Flaminian Way)

18. Name these Chinese literary classics, for 10 points each:

A. In this 16th century comic work of Wu Ch'eng-en, Tripitaka and three animal spirits — a monkey with superpowers, the clumsy Piggy, and the fish spirit Sandy — all journey to India to find the sacred scrolls.

answer: Journey to the West or Monkey or Hsi-yu chi

B. This late 16th century work by an unknown author describes how the businessman Ch'ing hsi-men acquires wealth dishonestly and enjoys carnal pleasure with numerous wives and maidservants. It was China's first novel not based on historical fact or legend.

answer: Golden Lotus or the Gold Plum Vase or Chin P'ing Mei

C. This semihistorical picaresque novel of 100 chapters contains the adventures of 108 bandits who live by their wits and battle corrupt and avaricious officials. It is thought to have been written by Lo Kuan-chung, along with the *Romance of the Three Kingdoms*.

answer: Water Margin or All Men Are Brothers or Shui-hu chuan

19. Identify these six-headed individuals, for 10 points each:

A. In Greek mythology, this monster with six heads on long, snaky necks ate some of Odysseus' companions.

answer: Scylla

B. In Hindu mythology, this war god and first-born son of Shiva developed six faces to drink the milk of his six divine nurses.

answer: Skanda

C. In Norse mythology, this six-headed ancestor of the frost giants was born when one of the giant Ymir's legs mated with his other leg.

answer: Thrudgelmir

20. Answer the following questions about a defensive alliance, for the stated number of points:

A. For 5 points each name the alliance formed in 1531 to defend the Lutheran churches from the Holy Roman Empire, and the Holy Roman Emperor who granted it recognition until he made peace with Francis I and then destroyed it.

answer: Schmalkaldic League or Schmalkaldischerbund
Charles V

B. For 10 points each name the founders of the Schmalkaldic League, one from Hesse and the other of Saxony.

answer: Philip the Magnanimous (or der Grossmutige)
John Frederick I the Magnanimous (or Johann Friedrich der Grossmutige)

21. There are three main groups of Earth-crossing asteroids, all of which have names beginning with "A". Identify them from descriptions, for 10 points each.

A. This group consists of asteroids which cross Mars' orbit but do not currently come quite close enough to the Sun to cross Earth's orbit. However, their orbits may be gravitationally perturbed during close planetary approaches, so about half of them are part-time Earth-crosses.

answer: Amor group

B. This group consists of asteroids which cross the Earth's orbit with a period greater than one Earth year.

answer: Apollo group

C. This group consists of asteroids which cross the Earth's orbit with a period less than one Earth year. It includes the asteroid Ra-Shalom.

answer: Aten group

22. Name the following characters from the *Decameron*, for 15 points each:

A. The eldest and the leader of the seven lady narrators, she is responsible for the group's

excursion to the country and the addition of the three men. Her name means "the flourishing one," and she is made Queen of the first day.

answer: Pampinea

B. This ideal lover is the final narrator each day of the journey. He has the privilege to ignore the theme of the day and instead tell the story that most pleases him.

answer: Dioneo