

Terrier Tussle 8: February 6, 1999.
Round 13: Questions by University of Michigan.

TOSSUPS

1. Most plant cells along with algae and yeasts contain at least one of these membrane-limited (*) organelles. A single one may occupy as much as 80% of a mature plant cell, and in the organelle plant cells store water, ions, and certain waste products. For 10 points—name this organelle which also stores nitrogen-containing compounds and which can expand creating turgor pressure inside the cell.

answer: Vacuole

2. Her first book of poetry, *Double Persephone*, was published in 1961. Much of her later poetry, like *Power Politics*, examined the use of power in personal relationships. Her *The Circle Game* received the (*) Canadian Governor General's award for poetry in 1966. For 10 points—name this Ottawa-born author more famous for her novels including *the Edible Woman* and *the Handmaid's Tale*.

answer: Margaret Atwood

3. He's going to be busy in 1999, slated to pop up as Q's assistant "R" in *The World is not Enough*, and beginning a five-year stint as a visiting professor at (*) Cornell University. There, he will give seminars on psychology and management, which would seem to be unlikely choices for him. Perhaps his seminars on comic acting and his 1988 film *A Fish Called Wanda* will be better received. For 10 points—name this tall British comic best known as Monty Python's Minister of Silly Walks.

answer: John Cleese

4. This city's highlights include the Kitchen, a popular pub owned by a quartet of famous locals, Temple Bar, the city's oldest precinct which has recently undergone a five-year long facelift, St. (*) James Gate, home of the city's most popular brewery, the nation's oldest University, Trinity College, and the Abbey Theater. For 10 points—name this European city which is also home to the James Joyce Center.

answer: Dublin

5. A quote from *The Great Gatsby*, "He had come a long way to this blue lawn, and his dream must have seemed so close that he could hardly fail to grasp it", is inscribed in the library of his (*) 60 million dollar mansion. Starting his first computer company,

Traf-o-data, in high school, he achieved major success when he was 25 when IBM let him retain the rights to the operating system Microsoft developed for IBM's PCs. For 10 points—name this computer whiz.

answer: Bill Gates

6. The most prominent of his freedmen were Narcissus, who was the secretary for the Imperial Correspondence, and Pallas, his financial secretary. His third wife, Messalina, abused her power until the freedman had her executed in 48 AD. His last wife was his niece, (*) Agrippina the younger, who used her power to make sure her son Nero was to succeed him. For 10 points—name this Roman emperor who ruled from 41-54 AD.

answer: Claudius

7. The figures are piled upon one another in an attitude of suffering and despair. Powerful light and dark technique contrasts with the (*) violence and pain of the writhing bodies. It depicts the survivors of a French ship which, laden with Algerian immigrants, has foundered off the west coast of Africa. For 10 points—name this painting by Theodore Gericault.

answer: The Raft of the Medusa

8. He was first ordained in 1727 and was immediately given the position of co-minister, sharing the position with his (*) grandfather. This man later went on to eclipse all other ministers of his time ending his career as the president of what would become Princeton. For 10 points—who was this famous New England preacher, famous for his dramatic sermon "Sinners in the hands of an angry God"?

answer: Jonathan Edwards

9. Following last August's devaluation of the ruble, he told the German magazine *Bunte*, that he lost his life savings of \$80,000. Unfortunately for him, his latest book, (*) *Thoughts on the Past and the Future*, has only led to 10,000 copies being printed. To make matters even worse, the Pizza Hut in Moscow that made him famous last year in commercials has closed its doors. For 10 points—name this former General Secretary of Russia.

answer: Mikhail Gorbachev

10. Along with Carl Georg Lange, he developed a theory of emotions that attempted to integrate the conscious and behavioral aspects of the emotions. The dynamic nature of his psychological views gave rise to the school that would be labeled (*) functionalism. Most notably, he would be known for his "stream of consciousness" approach to studying psychology. For 10 points—name this Harvard University Professor whose brother wrote the novel *Washington Square*.

answer: William James

11. The companion star of Sirius in the constellation Canis Major is this type of star. On the Hertzsprung-Russell diagram, these type of stars are located in the very (*) South-Western region. The star collapses under its own gravity, and the gravitational energy is converted to heat allowing the star to continue to shine. For 10 points—name these stars that are in the last stage of stellar evolution.

answer: White Dwarfs

12. She left her wealthy family while in her 20's to study at Kaiserwerth Institute near Dusseldorf. While at a hospital in Scutari, doctors refused her (*) help until the casualties from the battle of Inkerman were too many for the doctors to treat. In charge of caring for British soldiers, she organized a barracks hospital where she introduced sanitary measures. For 10 points—name this nurse who gained fame during the Crimean War.

answer: Florence Nightingale

13. Not only was this ballclub good in the early 1980s, but it actually drew well. Stars included Andre Dawson, Gary Carter, Tim Wallach and Tim (*) Raines. In 1989 it even traded three young prospects for ace pitcher Mark Langston; unfortunately one of the prospects was Randy Johnson. For 10 points—what team could be really good today if it still had players like Larry Walker and Moises Alou, nephew of manager Felipe?

answer: Montreal Expos

14. Its content was unexpected as featured for the first time the 20-to-30-year-olds of Great Britain who had not participated in World War II and who found post-war opportunities unappealing. The work deals largely with Jimmy (*) Porter, a middle-class worker who sees the traditional possessors of privilege threaten his upward climb to get better jobs. For 10 points—what play by John Osborne should not be confused with an Oasis song?

answer: Look Back in Anger

15. When Maria Theresa complained that the pure soprano of this 15-year-old sounded like a crowing rooster, the choirmaster replaced him with his younger brother, (*) Michael. Employed by Prince Nicolaus, he was chosen to compose the new Austrian national anthem, "Gott Erhalte Franz Den Kaiser." For 10 points—name this 'father of the symphony' who composed the Surprise Symphony.

answer: Franz Joseph Haydn

16. He began as a local God of Busiris [BYU-si-rus], in Lower (*) Egypt, but by the Middle Kingdom, he had been established as one of the chief gods of Egypt. Often represented as a mummy sprouting corn, his reputed burial place at Abydos became the most sacred center of Egyptian pilgrimage. His son Horus took revenge upon Seth, who had torn this God's corpse into 14 pieces. For 10 points—name this husband of Isis and ruler of the dead.

answer: Osiris

17. Already dealing with a long-running strike by its anesthetists [u-NEZ-thu-tists], this country must prevent other medical workers from striking by February 19, while it also tries to deal with angry farmers who barricaded 80 roads earlier this week. Its diplomats blame the (*) European Union for a food aid program to Russia that undercut its best agricultural export market. For 10 points—name this country, whose Labor Minister, Longin Komolowski [KOH-moh-LAU-skee], is ironically part of the co-ruling Solidarity bloc.

answer: Poland

18. Proclaimed a National Monument in 1936 and a Biosphere Reserve in 1984, it was finally designated as a National Park in 1994. Located 140 miles east of (*) Los Angeles, the Colorado Desert is in the eastern part of the park and features natural gardens of ocotillo and cholla cactus. The higher, moister, and slightly cooler Mojave Desert in the western part is the special habitat of the plant that only grows in the park. For 10 points—name this National Park.

answer: Joshua Tree National Park

19. The University of Michigan band in 1966 and 1972, Florida A&M in 1970, (*) Up with People in 1976, 1980, 1982, and 1986, New Kids on the Block in 1991, Michael Jackson in 1993, Diana Ross in 1996, a disastrous run with the Blues Brothers in 1997, and a Tribute to Motown in 1998. For 10 points—all have done what, performed so admirably by Gloria Estefan and Stevie Wonder in 1999.

answer: Super Bowl Halftime or equivalents

20. The record for this quantity was 10^{16} (ten to the sixteenth), at the Savannah River classified heavy water reactor site. Symbolized by (*) phi or psi, it is found by solving the neutron transport or diffusion equations. For 10 points—what is this fundamental quantity of nuclear engineering, which describes the position and motion of neutrons in a reactor?

answer: Neutron Flux (Prompt on: Flux, Scalar Flux, or Angular Flux)

21. The Heavenly Kingdom of Great Peace was founded in Kwangsi [KWONG-si] by a mystic, Hung Hsiu-Ch'uan. [HUNG-see-YOU-chew-ON] He led his disciplined (*) forces through Hunan to Wuch'ang and down the river past Nanking to the Grand Canal. Their advance toward Peking was deflected through Shansi by floods of the Yellow River. For 10 points—all these events occurred in what 1850-1864 rebellion?

answer: T'aiP'ing Rebellion (prompt on Great Peace Rebellion; do not accept Boxer Rebellion)

22. His first volume of verse, *Vesna*, was published in 1830. In 1837 he wrote an elegy denouncing both the killer and the court aristocracy as the murderers of (*) Pushkin and the ideals he represented. Nicholas the First exiled him to the Caucasus, and upon his return, his verse began to appear in the press. Turning to poetry he penned the *Cliff and a Leaf*, but he is more renowned for his novel about Grigory Pechorin. For 10 points—name the author of *A Hero of Our Time*.

answer: Mikhail Lermontov

23. Part way through the first part of this ballet, the music becomes darkened by the solemn words of the elders, who remind the reveling (*) villagers of the propitiation rite in which one of them must die. In the second part, a girl is chosen and dances to her death; the others then lift her body up to the sky. For 10 points—name this Igor Stravinsky ballet.

answer: The Rite of Spring

24. In addition to moderating the game show "Can You Top This?" he was a regular on *Laugh-In* for two seasons before moving over as the most popular panelist on (*) *Match Game '73*. When he left that show, he was in the middle of a nine-year run as host of *Family Feud*. For 10 points—name this long-time game show staple whose only major film role is as Damon Killian, host of *The Running Man*.

answer: Richard Dawson

25. Professor Ernst Chain and Dr. Muckter vigorously defended it in its trial. Despite obvious causal connections, many (*) pharmaceutical [FARM-a-SOO-ti-cal] companies simply refused to recall this product, including the East German company, Chemie Grunenthal. For 10 points—what is this drug, originally sold as a sedative, which is famous for producing grossly deformed infants in mothers who took it during early pregnancy?

answer: Thalidomide

26. The Administration of Justice Act provided that persons accused of a capital crime in aiding the government should be tried in (*) England. The Massachusetts Government Act deprived the people of most of their chartered rights, and the Boston Port Act closed Boston's port after June 1, 1774. For 10 points—these were all part of which acts passed to punish Massachusetts for the Boston Tea Party?

answer: Intolerable (or Coercive) Acts

27. "I Grieve" by Peter Gabriel. "Mama, You Got a Daughter" by John Lee Hooker. "Red House" by Jimi Hendrix. "Feelin' Love" by Paula (*) Cole. "Uninvited" by Alanis Morissette. "Iris" by the Goo Goo Dolls. All these songs are on the soundtrack to—for 10 points—what 1998 movie?

answer: City of Angels

28. It concerns a young Puritan who enters a forest to meet with a stranger. Inside the forest he sees a (*) witches' Sabbath and views with horror as the respected members of his community are participating in the event. The title character then sees his wife, Faith, at a flaming altar upon which he shouts out to her to resist the demonic influences. For 10 points—name this 1835 Nathaniel Hawthorne short story.

answer: Young Goodman Brown

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BONUSES

1. For 10 points each—given the character and the author, name the novel in which the character first appears:

A. Private Prewitt; James Jones.

answer: From Here to Eternity

B. Alexandra Bergson; Willa Cather.

answer: O Pioneers!

C. Frankie Machine; Nelson Algren.

answer: The Man with the Golden Arm

2. 30-20-10. Name the city from its tourist attractions.

A. (30 points) Charlottenburg Palace, built by Frederick the 2nd for his wife Sophie.

B. (20 points) Unter den Linden [OON-tare dane LIN-din], once a stately boulevard but damaged in World War Two.

C. (10 points) The Brandenburg Gate.

answer: Berlin

3. For 15 points each—name the entity involved in a recent Supreme Court decision.

A. On January 19, without comment, the Court said that individual purchasers had no right to sue this company for monopolistic practices, because concert venues are the direct purchasers of its services.

answer: TicketMaster

B. Because it receives dues from its members, and can thereby indirectly be considered federally funded, this organization has sought the Court's protection from bias suits stemming from eligibility rules regarding Title Nine.

answer: NCAA or National Collegiate Athletic Administration

4. Identify the following about the philosopher Moses Ben Maimon, also known as Maimonides [may-MON-ih-dees], for 10 points each:

A. His philosophical system attempted to reconcile Rabbinical Judaism with the philosophy of this ancient Greek.

answer: Aristotle

B. In 1148 he emigrated to this African city and became physician to Saladin.

answer: Cairo

C. In this best-known work, Maimon describes anthropomorphic images of God and explains why we should take them figuratively; that is, why God is no more masculine than a table is masculine.

answer: Guide for the Perplexed

5. Name the poet from lines for 10 points each:

A. "Fools rush in where angels fear to tread."

answer: Alexander Pope (*An Essay on Criticism*)

B. "Drink to me only with thine eyes."

answer: Ben Jonson

C. "The child is father of the man"

answer: William Wordsworth (*My Heart Leaps Up*)

6. Name these battles of the U.S. Civil War for 10 points each:

A. The April 1862 battle which saw the Confederates under General Albert S. Johnston attack Grant's lines at Pittsburgh Landing.

answer: Shiloh (prompt on "Pittsburgh Landing")

B. The December 13, 1862 battle where Ambrose Burnside was appointed to succeed McClellan. Burnside pushed an advance in Virginia, but was badly defeated by Lee.

answer: Fredericksburg

C. The October 8, 1862 battle in which a confederate force under general Braxton Bragg advanced into Kentucky in hopes of compelling the withdrawal of the federal forces to the north.

answer: Perryville

7. Name these functional groups for 10 points each:

A. An R group is attached to S-H.

answer: Thiol

B. An R group is attached to N₃.

answer: Azide

C. An R group is attached to NH₂.

answer: Amine

8. Time for a *TV Land* conjunction bonus. For 10 points each—provide these conjoined titles of television shows with real people. Each conjoined title will involve three programs and/or people.

A. Fred and Lamont travel to different points in the past with the help of their friend Al Calavicci, to help stop the murder of six New Yorkers with a .44 caliber weapon.

answer: Sanford and Son of Sam Beckett

B. The main attraction of n-W-o and Dr. Bruce Banner fight it out in a German concentration camp led by Werner Klemperer.

answer: The Incredible Hulk Hogan's Heroes

C. The star of the 1978 Montreal Canadiens gets the rest of the team together to prevent a football-headed talking infant named Stewie Griffin from killing his new parents, Mike and Gloria Stivic.

answer: All in the Family Guy LaFleur

9. Answer these questions on a particular art group for 10 points each:

A. What school of French landscape artists of the mid-19th century took its name from a village on the edge of the Fontainebleau forest?

answer: Barbizon school

B. What leading figure of the Barbizon school painted *Plain of Montmartre* [mon-MAR-tray]?

answer: Theodore Rousseau

C. This artist is usually included in the group despite his interest in painting people rather than landscapes; who painted *The Gleaners*?

answer: Jean-Francois Millet

10. Name the anthropologists for 10 points each:

A. He took an expedition to New Guinea from 1914-20. He wrote *Sex and Repression in Savage Society*.

answer: Bronislaw Kasper Malinowski

B. He was curator of Anthropology from 1901-05 in the American Museum of Natural History. He wrote *Anthropology and Modern Life*.

answer: Franz Boas

C. From 1964-69 she was curator of Ethnology at the American Museum of Natural History. She wrote *Sex and Temperament in Three Primitive Societies*.

answer: Margaret Mead

11. The novel *Pamela* made such an impression on Henry Fielding that Fielding parodied it twice. For 5 points per answer:

A. Name both of Fielding's parodies.

answer: Apology for the Life of Mrs. Shamela Andrews
Joseph Andrews

B. Name the real author of the novel *Pamela* and give its two-word subtitle.

answer: Samuel Richardson, Virtue Rewarded

C. Give the letter alphabet that identifies Pamela's suitor; and the word that describes novels like *Pamela* that come in the form of letters.

answer: Mr. B, epistolary

12. For 15 points each, name these insurrections and conspiracies:

A. Much of Constantinople was destroyed by fire in this revolt. Eventually, forces under Belisarius were able to put down this 532 insurrection.

answer: Nika insurrection

B. A widespread conspiracy to put this man into the principate caused this 65 A.D. revolt. Many senators and writers like Seneca, Lucan, and Petronius were executed or were forced to commit suicide.

answer: Gaius Calpurnius Piso (conspiracy)

13. You've probably heard of political science, but do you know as much about politicians involved in science? For 10 points each:

A. This US Army General was responsible for the direction of the Manhattan Project.

answer: General Leslie Groves

B. This scientist became a confidant of Adolph Hitler after he incited his students to rebel against the Weimar Republic and refused to close his lab for the funeral of a Jewish student. He is noted for his work on cathode ray tubes and won the 1905 Nobel Prize.

answer: Phillip Lenard

C. This Duke, and former pupil of Galileo, gave him a position in his court, and Galileo dedicated his pamphlet *Siderius Nuncius*, or "The Starry Messenger," to him.

answer: Cosimo de Medici

14. Fleet Ballistic Missile Submarines, or "boomers," provide the sea-based leg of the triad of U.S. strategic offensive forces.

A. For 5 points—this is the class of Fleet Ballistic Missile submarines in service today. Like all but one of them, it is named for a state.

answer: Ohio Class

B. For 10 points—all Ohio-Class submarines carry a complement of 24 of these ballistic missiles, named for a weapon of the Greek Gods.

answer: Trident or Trident II

C. The only non-state-named boomer is the SSBN-730, named for this longtime Senator from Washington State, an strong advocate for submarine warfare.

answer: USS Henry M. Jackson SSBN-730

15. Pencil and paper ready; *you'll have 10 seconds per part.* Suppose a 110-volt potential difference causes a current to flow between two points of an ohmic conductor such that the resistance between the points is 10 ohms.

A. For 5 points—what is the current in amperes?

answer: 11 amperes ($110/10$)

B. For 10 points—if the current flows for exactly one minute, then how many coulombs of charge are produced?

answer: 660 coulombs ($60 * 11$)

C. For 15 points—what is the work done in joules over this minute?

answer: 7260 joules ($66*11$)

16. For 10 points each—name the capitals of these island nations.

A. Taiwan

answer: Taipei

B. Faroe Islands

answer: Torshavn

C. Nauru

answer: Yaren

17. Name the following terms associated with Greek architecture for 10 points each:

A. This is the upper portion of a column.

answer: Capital

B. This enclosed chamber was the essential feature of a classical temple, and it is where the cult statue usually stood.

answer: Cella

C. The upper step of the base of a Greek temple which forms a platform for the columns.

answer: Stylobate

18. A classic *Peanuts* comic strip about Napoleon contains the line, "Don't get blown apart, Bonaparte!" Name these battles for 15 points each:

A. At this 1805 battle, also known as the Battle of the Three Emperors, the combined Austrian and Russian armies were defeated.

answer: Austerlitz

B. This 1807 battle saw the French victorious over the Russians. Napoleon was able to occupy Königsberg and all the country as far as the Niemen River.

answer: Friedland

19. Name these biological terms beginning with the letter 'A' for 10 points each:

A. This is the pollen-bearing part of a stamen.

answer: Anther

B. The theory that living things can develop from nonliving material; an example is spontaneous generation.

answer: Abiogenesis

C. These hormones control cell elongation in plant stems.

answer: Auxins

20. Like fine wines, NHL defensemen seem to get better than age.

A. For 5 points—this 38-year-old Bruin is in his 20th season with Boston.

answer: Raymond Bourque

B. For 15 points—this 35-year-old St. Louis Blue won his fifth Hardest Shot competition at the 1999 All Star festivities.

answer: Al MacInnis

C. For 10 points—this 37-year-old Detroit Red Wing suffered a mild concussion this week, delaying the game in which he will pass Tim Horton to become the all-time leader in defensive games played.

answer: Larry Murphy

21. For 10 points each—given the religious figure, name the purported site of his ascent into heaven.

A. Jesus, according to the Book of Luke.

answer: Bethany

B. Muhammad.

answer: Jerusalem (accept "Dome of the Rock")

C. Elijah.

answer: Jericho

22. Given the latitude and longitude of a point, name the body of water in which it lies; oceans will not be specific enough.

A. For 5 points—5 degrees north latitude, 5 degrees east longitude.

answer: Gulf of Guinea

B. For 10 points—60 degrees north, 80 degrees west.

answer: Hudson Bay

C. For 15 points—46 degrees north, 60 degrees east.

answer: Aral Sea

23. Name these nautical novels for 10 points each:

A. This Joseph Conrad work describes the shame of a man who abandons his ship, only for it not to sink after all.

answer: Lord Jim

B. Herman Melville deserts his ship, as described in this first novel he wrote, and is captured by cannibals.

answer: Typee: A Peek at Polynesian Life.

C. Richard Henry Dana describes his time on the ship Pilgrim.

answer: Two Years Before the Mast

24. Given a Greek subject from Plutarch's *Parallel Lives*—for 10 points each—name the Roman counterpart.

A. Demosthenes.

answer: Marcus Tullius Cicero

B. Theseus.

answer: Romulus

C. Nicias.

answer: Marcus Licinius Crassus

25. Name these mathematical terms starting with "Q":

A. For 5 points—the British use this word to describe 10 to the 30th.

answer: quadrillion

B. For 10 points—also known as a hypercomplex number, this is a member of a certain well-known noncommutative division algebra.

answer: quaternion

C. For 15 points—A groupoid whose multiplication table is a Latin square.

answer: quasigroup