

Set J

J1. Named for a Canadian geologist, it is located in the extreme southwest portion of Yukon Territory. First ascended in 1925, at over 19,000 feet it is the second-highest mountain in North America. For 10 points—what peak shares its name with the city that is home to Utah State University, and with Boston's international airport?

answer: Mount Logan

J2. His contributions to the city planning of Paris include the Place de Vendôme and the Place de Victoire. He is better known for the Orangerie and the Grand Trianon, which are part of a larger structure on which he collaborated with other architects. Appointed official architect to the king in 1675, he worked with Charles Le Brun in designing the Hall of Mirrors and much of the interior of the palace at Versailles. For 10 points—name this architect whose name still survives as a type of two-sloped roof.

answer: Jules Hardouin Mansart

J3. The first line spoken by this Shakespearean character is "there's wood enough within." His last line is "What a thrice-double ass was I, to take this drunkard for a god and worship this dull fool!" He also appears in a dramatic monologue by Robert Browning, wherein he theologizes upon the character of his god, Setebos. For 10 points—name this brutish offspring of the witch Sycorax and servant of Prospero in *The Tempest*.

answer: Caliban

J4. By the late 19th century this chemical process had supplanted the Leblanc process, which used sulfuric acid treated with salt and then roasted with charcoal and chalk. This innovation used salt which was dissolved in water, saturated with ammonia, and then trickled down a tower, at which point carbon dioxide was blown in. For 10 points—identify this chemical process utilized to produce large quantities of sodium carbonate or soda.

answer: Solvay process

J5. When betting on the subject of this position was closed out early in February 1999, bookmakers had the favorite, Wendy Cope, at 5-2 odds. Next, at 7-2, came Carol Ann Duffy, and another woman, Ursula Fanthorpe, was at 4-1. The job, however, went to a male whose odds had been given as no better than 6-1. For 10 points—what post, thanks to the appointment of Andrew, may currently be described as being about "poetry in Motion"?

answer: British poet laureate (accept equivalent answers)

J6. Her February 1999 wedding, held in the kingdom formerly known as Nazilia, and performed by no less a personage than King Blozo himself, was attended by her parents, Nana and Cole, and her brother, Castor—as well as by the groom's father, Capt. Poopdeck Pappy Kidd, and the groom's "adoptid infink" son Swee'pea. For 10 points—what willowy comic book character was finally married this year to her sailor man sweetheart, Popeye?

answer: Olive Oyl

J7. Those who took part were under the aegis of the Citizen Army. It went forward as planned even though one of their main leaders, Sir Roger Casement, had been arrested three days earlier. Prime minister Asquith admitted that this event caused the British government to collapse. As described in a famous Yeats poem, 2,000 men under Patrick Pearse seized such strategic points as the Dublin Post Office. For 10 points—identify this April 1916 insurrection in Ireland.

answer: Easter Rising (accept equivalents of "rising" like "rebellion," "revolt," etc.)

J8. Its southern and eastern boundaries were 157th Street and Eighth Avenue, on the northern fringe of Harlem. Early in the 20th century the Eighth Avenue elevated railroad tracks curved north between its fence and the Harlem River, and to the west the boulders and trees of Coogan's Bluff loomed over the grandstand roof. For 10 points—name this structure built in 1890 for the Players' League, but later occupied for decades by baseball's New York Giants.

answer: The Polo Grounds (accept Brotherhood Field)

J9. A Unitarian minister since 1846, and active in helping to found the "Lend a Hand" movement and in support of other good causes, in 1903 he was elected chaplain to the Senate. Novels such as *In His Name* and *East and West* were popular successes, but he is best remembered for a single short story first appearing in *The Atlantic Monthly* in 1863,

written to boost patriotism during the Civil War. For 10 points—name this author of the story of Philip Nolan, "The Man Without a Country."

answer: Edward Everett Hale

J10. Of all graphical economic tools it is the one most often used in welfare economics, to study the effect of different actions on an individual and general well-being. The classic one is drawn downward from left to right, and from convex to origin, such that if the consumer were given the choice of any two points on it, he would not favor one over the other. Developed by Francis Edgeworth—for 10 points—identify this economic graph with a name suggestive of apathy.

answer: indifference curve

J11. After enrolling in the mathematics class of Louis Richard, he would publish his first paper on continued fractions in the *Annales de mathematiques*. One month later he submitted articles on the algebraic solution of equations to the Academy of Science, and A. L. Cauchy was appointed to referee his paper. His love for Stephanie du Motel led him to fight a duel, which resulted in his death at the age of 21. For 10 points—name this French mathematician best known for his development of group theory.

answer: Evariste Galois [gal-WAH]

J12. In 1734 he was born to Quaker parents in Berks County, Pennsylvania; in 1756 he married Rebecca Bryan in North Carolina's Yadkin Valley; and in 1820 he died in the Femme Osage Valley of Missouri—but it is with another state that he is primarily associated. Elevated to heroic stature by John Filson's widely-read history of the settlement of Kentucky—for 10 points—name this famed frontiersman and builder of the Wilderness Road.

answer: Daniel Boone

J13. This island is home to Mount Aso, the active volcano with the world's largest crater. The Bungo strait to the east separates it from Shikoku, while Suo Bay and the Shimonoseki strait separate it from Honshu. For 10 points—the resort of Beppu and ports of Kagoshima and Nagasaki are located on which of Japan's major islands, the southernmost?

answer: Kyushu

J14. In it, the octogenarian poet describes death as an embarkation on a ferry, after which he hopes to see his Pilot face to face. It was first published in 1889's *Demeter and Other Poems*, and subsequent reprintings have generally honored the author's request that it be printed as the final poem in all volumes of his verse. For 10 points—name this short Tennyson poem beginning "Sunset and evening star, / And one clear call for me!"

answer: Crossing the Bar

J15. They have a specialized killer version, which attaches to a target and secretes a protein called *perforin* to puncture and destroy that target cell. Mature ones are usually referred to as of the helper or suppressor variety, and are designated by the numbers 4 and 8 respectively. Produced by stem cells and then travelling to the thymus to mature—for 10 points—identify this immune cell which is designated by a single letter.

answer: T cell(s)

J16. It was this god who mediated the dispute between Tefnut and Ra. He was known to the Egyptians as Djeheuty, and it was actually the Greeks who gave him this better-known name. One tradition has him springing forth from the head of Seth, though he always supported Horus against Seth. He could be represented as a baboon, but was normally depicted as a figure holding a tablet and pen and possessing the head of an ibis. For 10 points—identify this Egyptian god of wisdom.

answer: Thoth (accept early Djeheuty)

J17. While looking for an apartment, Jeanne encounters Paul, an expatriate American trying to purge the memory of his wife's suicide. Their stormy sexual liaison forms the subject matter of this controversial film of 1972. For 10 points—what film that earned both an "X" rating and an Academy Award nomination as best director for Bernardo Bertolucci starred Maria Schneider and Marlon Brando?

answer: Last Tango in Paris or Ultimo tango a Parigi

J18. Born Ugo Buoncompagni, he was an implacable foe of Protestantism, proposing the overthrow of England's Queen Elizabeth and proclaiming a day of public thanksgiving following the brutal Saint Bartholomew's Day massacre. As

a reformer, however, he corrected a discrepancy that had been accumulating at the rate of 11 minutes a year since AD 325 by decreeing that in 1582 October 4 would be followed by October 15. The old Julian calendar was thus replaced—for 10 points—by what Pope with an unlucky number?

answer: Gregory XIII

J19. He pioneered the use of a coarse grating for the measurement of the separation of double stars, and he enunciated the principle of radiative equilibrium. Independently of Arnold Sommerfeld, he developed the general rules of quantization and gave the complete theory of the Stark effect. He defined the lower limit for the curvature of space at 2500 light years. For 10 points—name this scientist who theorized a radius beyond which a collapsing celestial object will result in a black hole.

answer: Karl Schwarzschild

J20. There are two sea gods on the margins of this fresco blowing their sea shells, while two pairs are in front and behind making love to each other. There are also four cupids, three of which point their arrows at the central figure, the title nymph who is riding across the ocean in a seashell drawn by two dolphins. For 10 points—identify this Raphael fresco whose title subject is the nymph loved by Polyphemus and, in modern times, namesake of the creation of Pygmalion.

answer: Galatea

J21. Taken to Frankfurt to be an invalid's companion in the home of Herr Sesemann, she never ceases to yearn for her home above Dörfli in the Silretta Mountains near the Swiss border with Liechtenstein, where she was happy with Alm-Uncle and her friend Peter, a goatherd. For 10 points—name this heroine of a sentimental children's classic from the pen of Swiss author Johanna Spyri.

answer: Heidi

J22. 1999 is the 50th anniversary of the invention of this piece of machinery named for inventor Frank. With a top speed of 9 miles per hour it doesn't sound too exciting, yet the Gear Daddies had a novelty hit a few years ago proclaiming their desire to drive one. Of the four Model B's built in 1950, one was made for Sonia Henie; another is preserved in Evelith, Minnesota. For 10 points—name this machine favored by *Peanuts* character Woodstock to smooth the ice in his birdbath.

answer: Zamboni [Evelith, MN is the site of the U.S. Hockey Hall of Fame]

J23. He spent the final 25 years of his life at his Sutton Place estate near London, surrounded by barbed-wire fences, plainclothes guards, and a pack of German shepherd attack dogs. Certified by *Fortune* magazine as the richest man in the world in 1957, he was nonetheless a notorious penny-pincher, and refused to pay ransom for his grandson until the kidnapers cut off the boy's right ear. For 10 points—name this Minneapolis-born oil tycoon and endower of a rich Malibu art museum.

answer: J(ean) Paul Getty

J24. Though she would make her mark in another field, she wrote poetry under the pseudonym of Anne Singleton for much of her professional life. She explored Japanese culture and North American Indian culture in her popular books *The Chrysanthemum and the Sword* and *Patterns of Culture*. For 10 points—identify this teacher of Margaret Mead best known for her work with the Zuni Indians.

answer: Ruth Benedict