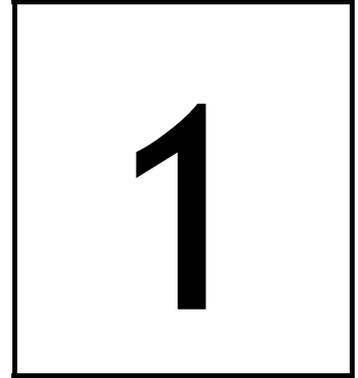


PENN BOWL 11

Tossups by Dartmouth & Harvard



- 1 John Langdon was the first; Richard Henry Lee the second. William Frye held this post for the longest consecutive period. Others to hold it include Albert Cummins, Henry Cabot Lodge, James Eastland, David Rice Atcheson, and Strom [*] Thurmond. Elected before 1890 only for periods of Vice Presidential absence—for 10 points—name this position, third in line in Presidential succession, currently held by Robert Byrd.

ANSWER: president pro tempore of the United States Senate

- 2 Sidney Webb's "The Economics of a Positivist Community" and Graham Wallas's "Personal Duty under the Present System" were among its earliest talks. Founded with the ultimate aim of constructing a [*] "society in accordance with the highest moral possibilities," they dismissed capitalism as inefficient. For 10 points—name this British debate group whose members included Emmeline Pankhurst, H.G. Wells, and George Bernard Shaw.

ANSWER: Fabian Society or Fabians

- 3 Bacteriophages, tagged with either phosphorus-32 or sulfur-35, were introduced to bacteria; the phage injected their DNA, but not their protein coat. After [*] separating the protein coats with a blender, the supernatant contained only sulfur-35. Phosphorus-32 was never isolated in—for 10 points—what experiment that showed that DNA was the genetic material?

ANSWER: Hershey-Chase (blender) experiment

- 4 This 1912 work, inspired by Eadweard Muybridge's photographic studies of motion, was purchased first by a San Francisco art dealer. Now in the Philadelphia Museum of Art, this futurist work earned notoriety at the [*] Armory Show. Described as an "explosion in a shingle factory," this is—for 10 points—what painting by Marcel Duchamp?

ANSWER: Nude Descending a Staircase, No. 2 or Nu descendant un escalier, No. 2

- 5 This philosopher's last work, *The Life of Mind*, was left unfinished, as the section "Justice" was not included with "Thinking" and "Willing." This political theorist held that only through "the activity of [*] thinking" could humanity abstain from evil, an idea advanced in reports on Adolf Eichmann's war crimes trial. For 10 points—name this German political theorist who became an American citizen in 1951, and wrote *The Origins of Totalitarianism*.

ANSWER: Hannah Arendt

6 In traditional Christian symbolism, it represents Christ's salvation of the world. An Italian film about its namesake tree won several awards at 1998's Venice Film Festival, while an [*] Iranian film of the same name and year won the Chicago Film Festival. Shakespeare's parents lived in a cottage named after its tree, and in 1918, Erik Satie composed *Three Pieces in the Shape* of it. For 10 points—name this fruit whose varieties include the Bosc, Anjou, prickly, and Bartlett.

ANSWER: pear [accept Pyrus]

7 Carl Maria von Weber called it the “splendid, clear, fire-streaming Symphony in [*] C” after its 1800 premiere in Vienna. It combined classical style with a greater use of wind instruments than similar works by Mozart. Running almost half an hour, and dedicated to Gottfried van Swieten—for 10 points—name this symphony by a German composer who would write eight more.

ANSWER: *Symphony No. 1 in C*, Op. 21 by Ludwig von Beethoven [accept Beethoven's First or equivalents]

8 He left the US only twice in his life—once for his honeymoon in Montréal, and once to address the Sixth Annual International Conference of American States in Havana. The first president to [*] light a national Christmas tree, he had two pet raccoons that he walked on White House grounds, and boasted he got more sleep than any previous president. For 10 points—name this governor of Massachusetts who became President early on the morning of August 3, 1923.

ANSWER: (John) Calvin Coolidge

9 This man, seeing his nephew, the inventor of the saw and the potter's wheel, as a threat, threw his nephew off the Acropolis. Exiled from Athens, [*] he gained fame and infamy for his inventions, such as a mechanical bull for Pasiphae [PAA-suh-pee]. For 10 points—name this creator of the Labyrinth, the father of Icarus.

ANSWER: Daedalus

10 This 1996 UNC graduate named his most famous work after his boss at the Chapel Hill *Weekly*. A three-time winner of the Pulitzer Prize, this editorial cartoonist worked at the Chicago *Tribune* from 1982 until his 2000 [*] death from cancer. Chris Cassatt and Gary Brookins now carry on the work of—for 10 points—what cartoonist who created *Shoe*?

ANSWER: Jeff(rey) Kenneth MacNelly, Sr.

11 His only surviving works are a basilica and shrine honoring Augustus, to whom he dedicated his magnum opus, in which he [*] “disclosed all the principles of his art” in a magnum opus dedicated to Octavian. He argued that the beauty of Greek temples came not from an architect's mind but from natural symmetry and proportion. For 10 points—name this architect best known for writing *On Architecture*.

ANSWER: Vitruvius

12 Named his country's first minister of education in 1953, he was one of its delegates at the signing of the UN charter. Ascending to the throne after his [*] older brother's death, in 1990, he sent a million copies of the Qur'an to the Soviet Union, and has expanded the capacities of mosques in Mecca and Medina. For 10 points—name this man who, since 1982, has ruled Saudi Arabia.

ANSWER: King Fahd ibn 'Abd al-'Aziz al-Sa'ud

13 Her first poem was published in the Newport *Mercury* when she was just 14. She gained fame for a poem on the death of [*] Reverend George Whitfield; her first poetry collection, *Poems on Various Subjects*, was printed in England in 1773, where she died in poverty in 1784. For 10 points—name this poetess, a former slave.

ANSWER: Phillis Wheatley

14 Its stock fell 43% on December 7, 2001, as it lost several asbestos-related lawsuits—and has over 100,000 similar cases pending. This renders the stock options of its former president, who [*] resigned in August 2000, nearly worthless. For 10 points—name this oil services company once led by Dick Cheney.

ANSWER: Halliburton Company [accept Halliburton Energy Services]

15 Completed in the 10th century, almost two-thirds of this work deals with the age of heroes ending with Alexander's conquest. Covering centuries of history and legends, from the beginning of the Empire to the death of Rustem, it was intended to unite [*] Persians. Taking 30 years to complete, it is credited with reviving Persian in an era of Arabic dominance. For 10 points—name this “royal epic” by Hakim Ferdowsi, the national epic of Iran.

ANSWER: Shah-nameh or *The Book of Kings* [accept *The Epic of Kings* on early buzz]

16 For two masses x and y , its acceleration equals x minus y divided by x plus y times the acceleration due to [*] gravity. The unequal gravitational forces acting individually on the two masses, combined with the requirement of structural continuity, yield a constant acceleration. Named for a reverend—for 10 points—name this device in which two unequal masses are attached to a flexible, ideally massless string passing over an ideally frictionless, massless pulley.

ANSWER: Atwood machine

17 In this work, which contains the quote, “Other people are quite dreadful. The only possible society is oneself,” Lord Goring is a stand-in for the [*] author. The plot revolves around Sir Robert Chiltern, a well-respected politician, and the scheming Mrs. Chevely, who tries to blackmail Chiltern. For 10 points—Rupert Everett played Goring in the 1999 film version of what Oscar Wilde comedy?

ANSWER: *An Ideal Husband*

18 Also called Grishun, attempts have been made to standardize spelling across its dialects to prevent its further erosion. Its origins remain unknown, even though the word *Svizra* [SVEE-zruh] in this language is obviously similar to the [*] Italian *Svizzera* [svee-ZEH-ruh]. For 10 points—name this endangered language, spoken primarily in the Graubünden canton of Switzerland.

ANSWER: Romansh or Rumantsch [prompt on “Grisons”]

19 After this battle, one soldier allegedly said, “This is a proud day for America—the proudest day she ever saw.” Outnumbered by the British three to one on land, the decisive blow came when American Commodore [*] McDonough occupied a narrow channel and fought back Captain Downie's forces, seizing or destroying all four ships in—for 10 points—what 1813 naval battle fought in a body of water shared by Quebec, Vermont, and New York?

ANSWER: Battle of Lake Champlain or Plattsburgh

20 In 1591, Sir Richard Grenville and the *Revenge* were sent here to intercept a Spanish treasure ship; he ended up fighting a 53-ship Spanish fleet off the coast. Frequented by treasure ships and pirates in the colonial era, Graciosa, Pico, Faial, [*] Flores, Corvo, Santa Maria, Terceira, Saõ Jorge, and Saõ Miguel are the nine main islands of—for 10 points—what archipelago, home to the NATO airbase at Lajes Air Field, that belongs to Portugal?

ANSWER: The Azores

21 Pope John Paul II's first trip outside of Rome as Pope was to her shrine; she supposedly left an image that has yet to decay in 470 years. Traditionally depicted in paintings as [*] pregnant with Jesus, she is revered for her dark hair and olive skin. Considered the patron saint of the Americas—for 10 points—name this 1531 apparition of the Virgin Mary in Tepeyac, Mexico.

ANSWER: Our Lady of Guadalupe or the Virgin (Mary) of Guadalupe

22 Egypt, Iraq, and Lebanon, after Israel invaded the Suez Canal. The Netherlands, Spain, and Switzerland, after the Soviet Union invaded Hungary. Some 22 African nations, after New Zealand competed in a [*] rugby tournament in South Africa. For 10 points—all of these nations carried out what political tactic, which the United States and 64 other nations did in 1980 to protest the Soviet invasion of Afghanistan?

ANSWER: boycotting the Olympics [accept equivalents]

23 It can be calculated thermodynamically by dividing the heat flow, dq , by the temperature T . It can also be calculated in statistical mechanics by multiplying the [*] Boltzmann constant times the natural log of the number of microstates of a system. For 10 points—name this thermodynamic quantity, which the second law of thermodynamics forbids from decreasing.

ANSWER: entropy [prompt on “(delta) S”]

24 He devised the consumption-based asset pricing model, the notion of marginal adjustment costs, and the idea of human capital as it relates to development. But he is probably best known for [*] “Econometric Policy Evaluation,” in which he attacked Keynesian logic with an eponymous “critique.” For 10 points—name this macroeconomist who successfully urged his peers to add to their models the idea of rational expectations.

ANSWER: Robert Lucas

25 Like the Gospel of John, it begins “In the beginning was the Word, and the Word was with God, and the word was God.” Recommended by one critic for those who like Sherlock Holmes, Montaigne, Borges, the *nouvelle critique*, the rule of St. Benedict, metaphysics, [*] library design, or *The Thing from the Crypt*, the novel is divided into seven days, and each day by the liturgical hours. For 10 points—name this first novel by Umberto Eco.

ANSWER: *The Name of the Rose* or *Il nome della rosa*

26 This actor's mother gave him the middle name Montgomery after she passed a Montgomery Ward store on the way to the hospital. He made his film debut as Retro in 1988's *For* [*] *Keeps*. He is the writer, director, and producer of the upcoming film *You'll Never Wieve in This Town Again*, but he's better known for such films as *Son-in-Law* and *Jury Duty*. For 10 points—name this alleged comedian who also starred in *Bio-Dome*.

ANSWER: Paul Montgomery “Pauly” Shore

27 The title object of this fictional autobiography was received by the protagonist when he was three years old, the same time he begins to break [*] glass with his voice. Claiming Rasputin and Goethe as his two intellectual influences, he has stunted his growth at three feet for much of his life, and is now in a Düsseldorf mental hospital. For 10 points—name this novel following the life of Oskar Matzerath, the first novel by Günter Grass.

ANSWER: *The Tin Drum* or *Die Blechtrommel*

28 Covered in capillaries one cell thick, their thin, moist surfaces are covered with surfactant, which prevents them from sticking together or collapsing. During a bout of [*] asthma, mucus obstruction and bronchospasm prevent blood flow through them, and allow retention of carbon dioxide. Located at the end of bronchioles—for 10 points—name these tiny air sacs of the human lung.

ANSWER: alveoli or alveolus [do not prompt on “lung” or “bronchi”]