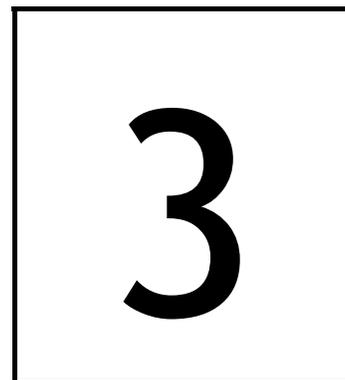


PENN BOWL 11

Tossups by Texas A&M



- 1 It begins, “To him who in the love of Nature holds/Communion with her visible forms.” Influenced by the Graveyard poets, the poem anticipates [★] transcendentalism, rejecting Puritan dogma for Deism. Published in the *North American Review* in 1817—for 10 points—name this poem by a then 17-year-old William Cullen Bryant, in which every man “shall take/His chamber in the silent halls of death.”

ANSWER: “Thanatopsis”

- 2 Cavalli-Sforza and Feldman, Lumsden and Wilson, and Boyd and Richerson all proposed theories to explain it. Historically, Hottentots, *Pithecanthropus erectus*, and [★] Piltdown man have been suggested and discounted as possibilities. Muddled by the possibly incorrect assumption of linear Darwinian theories—for 10 points—name this hypothetical extinct creature occupying a middle ground between modern humans and their anthropoid progenitors.

ANSWER: missing link [do not prompt on “Charles de Gaulle”—Ed.]

- 3 Donald McKay of Boston was responsible for the *James Baines* and *Lightning*. Characterized by a projecting bow and radically streamlined [★] hull, they carry an exceptionally large spread of sail on three tall masts. Designed to bring the first tea of the season from China, in 1851, the *Flying Cloud* traveled from New York to San Francisco in a record 89 days. For 10 points—name this ship of the mid-1800s, the namesake of a woeful basketball franchise.

ANSWER: Clipper ships [accept L(os) A(ngeles) Clippers]

- 4 Three days before, a Union advance at Blackburn’s Ford was repelled. The Southern army used a battle plan modeled on Napoleon’s at Austerlitz. The heaviest fighting was at Henry’s House Hill where [★] Stonewall Jackson earned his nickname. For 10 points—name this first major civil war battle, led by Generals Beauregard and McDowell, also known as Manassas Junction.

ANSWER: First Battle of Bull Run [accept First Battle of Manassas Junction on early buzz]

- 5 For fusion of water, this equation gives a rare negative value. Its value is always much larger for fusion than vaporization, as volume changes in liquid to gas transitions are much [★] larger than for solid to liquid. It equates the enthalpy change divided by the temperature times the volume change to the pressure change divided by the temperature change. For 10 points—what is this equation used to measure slopes of boundaries in a phase diagram, named for a French engineer?

ANSWER: Clausius-Clapeyron equation

6 Its chief executive, Mike Ramsay, recently unveiled a marketing pact with a subsidiary of AT&T, and a licensing pact with Sony that allows for further distribution and implementation of its technology for [★] DVR. But it must fend off a December 2001 lawsuit from its rival, SONICblue, claiming that they own the technology. For 10 points—name this San Jose-based company whose namesake product allows users to record TV shows without tapes.

ANSWER: TiVo [TEE-voh]

7 Made popular by the *bhakti* movement, the Hindu Vallabhacarya sect is renowned for its devotion to them. Another sect regards the text [★] *Adi Granth* as a living version of them, and it is only through their guidance that they may attain *mokhsa*. From the Sanskrit for “venerable,” the Sikh line ended in 1708. For 10 points—name these religious figures who serve as a spiritual teacher or guide, an example of which is Nanak.

ANSWER: Guru(s)

8 In July 2001, state officials in Kansas, New York, Illinois, and Missouri sued her employer for fraud and unlawful business practices. But Access Resource Services stands by its employee, claiming she has been a devoted [★] Shango Shaman in training for over 20 years. Charged with falsely advertising free tarot readings—for 10 points—name this infamous TV psychic who offers to “find the answers for free” while “keepin’ it real.”

ANSWER: Miss Cleo [accept Access Resource Services, Inc. on early buzz]

9 Nymphs of this order are aquatic and predacious, with a “mask” of modified mouthparts for grasping prey. All adults have short and inconspicuous antennae. Members of *Anisoptera*, a subclass of the order *Odonata*, they can grow up to six [★] inches long. Also called the clubtail or horse stinger—for 10 points—what is this suborder of insects named after a mythical monster?

ANSWER: dragonfly or dragonflies [accept Anisoptera on early buzz; prompt on “*Odonata*”]

10 Their rest masses range from 140 to 10,000 megaelectron-volts, and they are sensitive to the strong force because their constituent quarks are strongly interacting. The discoveries of some of these particles, first postulated in 1935 [★] by Yukawa Hideki, have led to the discovery of the bottom and charm quarks, as well as charge-parity violations. For 10 points—name this class of subatomic particles, which includes the J/psi and pions, which are hadrons with an even number of quarks.

ANSWER: mesons [MEE-zons; prompt on “hadron”]

11 His popularity was boosted by an August 2001 decision to refuse asylum to refugees from a sinking Indonesian ferry. In November, he defeated Kim Beazley to secure a third term for his [★] Liberal Party administration. Appointed Treasurer in 1977 by Malcolm Fraser—for 10 points—name this leader of the Liberals during the term of Labor Party leader Bob Hawke, the current prime minister of Australia.

ANSWER: John Howard

12 While in France, he attended lectures by Henri Bergson and read poetry with Alain-Fournier. His literary criticism was collected in the volume *Sacred Wood*, and he wrote the drama *Sweeney* [★] *Agonistes*, but he is best known for his poetry. For 10 points—name this author of *The Four Quartets* and *The Waste Land*.

ANSWER: T(homas) S(tearns) Eliot

13 The 18-bar melody is first played by the basses, and next by the flute, in this piece, used in 1984 by Torvill and [★] Dean in their Olympic-winning ice-dancing routine. The flute then gives way to the clarinet and bassoon, and various other instruments, until what has been called “the most obvious key change in the history of music” in—for 10 points—what work by Maurice Ravel?

ANSWER: Boléro

14 John Quincy Adams called it a “title page to a great, tragic volume.” Reversed in 1854, it was the cause of heated debate when New York Representative James [★] Tallmadge tried to add an anti-slavery amendment. Declared unconstitutional in 1857, it prohibited slavery north of 36 degrees, 30 minutes latitude, and balanced the Senate. Negotiated by Henry Clay—for 10 points—what was this 1820 compromise which admitted Maine and its namesake to the Union?

ANSWER: Missouri Compromise of 1820

15 Based on *The Menaechmi* [muh-NAKE-me] by Plautus, and first performed at Gray’s Inn in 1594, it is one of two Shakespeare plays to conform to the Three Unities. In a conflict between [★] Syracuse and Ephesus, the family of a Syracuse merchant is separated in a shipwreck. Egeon finds his family just in time to save himself from execution—for 10 points—in what farce with twin brothers named Antipholus served by twin slaves named Dromio?

ANSWER: *The Comedy of Errors*

16 After the death of his first wife, an intern 23 years his junior, he married a beauty queen 44 years younger. He first won election to the [★] Senate as a write-in candidate, and holds the record for the longest single-handed filibuster, at 24 hours, 18 minutes. He won 39 electoral votes during his only run for President in 1948 as a Dixiecrat. For 10 points—name this ancient senator from South Carolina.

ANSWER: (James) Strom Thurmond

17 He attended law school briefly, and appeared in the films *Stormy Weather* and *Sensations of 1945*. Touring the US with *Hello, Dolly!* and *Porgy and Bess*, he also appeared in Fats Waller’s *Connie’s Hot Chocolates*, in which he sang [★] “Ain’t Misbehavin’.” Best known for his song “Minnie the Moocher,”—for 10 points—name this jazz musician billed as the “King of Hi-Dee-Ho.”

ANSWER: Cab(ell) Calloway

18 Nominated for ten Oscars, it won five, but lost best picture to *The Sound of Music*. Directed by David [★] Lean, the story is narrated by Alec Guinness, the title character’s brother. His muse, the sister of Tom Courtenay, inspires lechery in her mother’s lover, Rod Steiger. Omar Sharif plays the title character in—for 10 points—what 1965 movie adapted from a novel by Boris Pasternak?

ANSWER: Dr. Zhivago

19 Let lambda be the least common multiple of p minus one and q minus one, where p and q are two very large [★] prime numbers. Find two numbers e and d such that e times d mod lambda equals one. Then publicize e and m , the product of p and q . Others can send you coded messages that can only be broken if m is factored. For 10 points—this describes what cryptography algorithm devised by three mathematicians?

ANSWER: RSA or Rivest-Shamir-Adleman algorithm [prompt on “public-key (cryptography)”]

20 Finished in 1897, it earned its author \$209. Connecting the title phenomenon to his patients' neuroses, it discusses the phenomenon's double-level nature: it has both a manifest content, or superficial layer, and latent content, a [★] subconscious free association of superficial and symbolic. For 10 points—name this work by Freud on the psychoanalysis of nocturnal manifestations.

ANSWER: *The Interpretation of Dreams*

21 The artist was inspired by a summer neighbor in Maine who was crippled by polio. Set in a [★] cornfield, at the top right is a farmhouse, while a barn occupies the top center. The painting's subject, a girl in a pink dress, is in the lower left center, sitting on the ground, facing inward towards the house. For 10 points—name this 1948 painting by Andrew Wyeth.

ANSWER: *Christina's World*

22 Divided into two broad classes by how they form, they are caused by either the transfer of matter from a main sequence star to its binary white dwarf companion, or the formation of an [★] iron core. The most famous one occurred in 1054—one of seven recorded before the 17th century—and its remnants are visible today as the Crab Nebula. With an absolute magnitude around negative 15—for 10 points—name these violently exploding stars.

ANSWER: supernova(s) or supernovae [do not prompt on "nova"]

23 Ilya of Murom, one of these people, features prominently in a cycle of *bylinas*. The 1654 Union of Pereyaslav granted them governmental privileges in exchange for [★] military service. Traditionally led by a hetman, famous examples include Yemelyan Pugachov and Taras Bulba. "Always on the horseback, always ready to fight" is how Pushkin described—for 10 points—what people native to the hinterlands north of the Black and Caspian Seas?

ANSWER: Cossack(s)

24 Trained by the legendary Verne Gagne, he made his professional debut in 1972; he took a one-year absence after a 1975 plane crash. In 1981, defeating his rival Dusty Rhodes, he won the first of [★] nine titles. A member of the original Four Horsemen, he is known for his trademark "Woo" and his finisher, the figure-four leg lock. For 10 points—name this wrestler dubbed "Nature Boy."

ANSWER: Ric Flair or Richard Morgan Fliehr [accept Nature Boy on early buzz]

25 The name's the same. One is the son of Oileus, king of Locris; after barely surviving a shipwreck and stoning, he was killed by Poseidon after he raped [★] [Cassandra. From the blood of the other, the son of the king of Salamis, sprang a red flower bearing on its leaves the first letters of his name. He committed suicide when he failed to win Achilles' armor. For 10 points—what name do these two men share with a brand of detergent?

ANSWER: Ajax or Aias

26 Before this daughter of a count breaks off her engagement, she lashes her fiancé with a whip. Crashing her servant's party, she hounds the [★] valet and then sleeps with him. She admits to her lover that her mother taught her to hate men. Christine, the valet's fiancée confronts her, saying she won't let her steal her man, Jean—who gives her the razor with which she kills herself. For 10 points—name this title character of a play by August Strindberg.

ANSWER: Julie [accept Miss Julie]

27 He trained under Adam van Noort and Otto van Veen; his first work was *Portrait of a Young Man*. Hired by the duke of Mantua, he moved to Italy, where he mostly copied Renaissance paintings. At the wedding of France's Henry IV, the [★] bride invited him to France. The artist of *The Hippopotamus Hunt*, and *The Descent from the Cross*—for 10 points—name this Baroque Flemish master whose name now describes full-figured women.

ANSWER: Peter Paul Rubens [prompt on "Rubenesque"]

28 The British received it in the 1879 Treaty of Gandamak, and lost it 18 years later. Now covered by a railway, and traditionally controlled by the Pashtun Afridi people, it is formed from a [★] gorge which traverses its namesake hills at the Shadi Bagiar. Used by Darius, Alexander, and Babur as the connection between the Indian sub-continent and the Middle East—for 10 points—Peshawar and Kabul are connected by what mountain pass?

ANSWER: Khyber Pass