

# PENN BOWL 10

A Buzzer Odyssey

Tossups by

Yale  
and Delaware

3/31/01  
25 mar 2002  
6/19/03  
**15**

**1** Orphaned at 10, this author was raised by his uncle. An obstetrician by training, the success of his first novel, *Liza of Lambeth*, in 1897 turned him toward writing full time. His famous stories include *Cakes and Ale*, *The Razor's Edge*, and a work inspired by the life of Paul Gauguin. For 10 points--name this author of *The Moon and Sixpence* and *Of Human Bondage*.

ANSWER: W(illiam) Somerset Maugham

**2** His first stint in Parliament didn't agree with him; he resigned after a year to return to teaching economics. Attracting the attention of the military government, becoming finance minister in 1928, creating budget surpluses. Four years later, he became Prime Minister, and drafted a new authoritarian constitution, establishing the Estado Novo. For 10 points--name this modernizing Portuguese statesman.

ANSWER: Antonio de Oliveira Salazar

**3** In 1986, he escaped an insane asylum in Evanston, Minnesota, and promptly moved to the city, where he assumed the identity of Neville Nedd, mild-mannered crossword editor for *The Weekly World Planet*. Fighting alongside such heroes as the Caped Wonder, Paul, the Samurai, Crusading Chameleon, and the Sewer Urchin, his sidekick is a moth-suit wearing accountant named Arthur. For 10 points--name this arachnid superhero.

ANSWER: The Tick

**4** Discovered by Ewald von Kleist--not Heinrich!--in 1745, originally an exposed wire pierced its cork; the exposed end would break contact with a friction device and produce a charge upon touching skin. Today, metal foil covers its inner and outer surfaces, which are connected by a brass rod that runs through its mouth, and the outer coating is connected to the earth. For 10 points--name this device for storing static electricity.

ANSWER: Leyden jar [HN: my apologies for the Kleist reference.--Ed.]

**5** Since 1500, about one-third of the Earth's total lava flow has come from this country. Its best-known volcano, Hekla, erupted four times in the 20<sup>th</sup> century. Located on the Mid-Atlantic Ridge, this country has more hot springs than any other. For 10 points--name this North Atlantic country, which gained the island of Surtsey in the 1960s, whose capital is Reykjavik.

ANSWER: Republic of Iceland or Lýðveldidh Ísland

**6** This philosophical school's name once referred to those who taught rhetoric. Plato accused its members of dishonesty. Prevalent in the mid-5<sup>th</sup> century BC, its members instituted the practice of the traveling lecture and made radical suggestions about ethics, virtue, oration, and skepticism. For 10 points--name this school that prized skills of questioning, argument, and rationale, whose members included Protagoras, Gorgias, and Xenophanes.

ANSWER: Sophistry

**7** This book takes its name from a verse in Romans; the title character takes *her* name from a tombstone. Throughout this novel, the past haunts those in the present, and issues of family, gender, race, and the supernatural meld in the form of a dead baby who returns to her mother in the body of a young woman. For 10 points--name this 1988 novel by Toni Morrison.

ANSWER: Beloved

**8** This city's name derives from a Tswana word for "place of stones." Founded in 1885 as a British military outpost, and located 150 miles north of Johannesburg, until 1965 it was the extraterritorial headquarters of Bechuanaland. Famous for a siege from October 1899 to May 1900--for 10 points--name this city whose victory over the Boers under Lord Robert Baden-Powell led to much patriotic revelry in Britain.

ANSWER: Mafeking

**9** The son of a Pisan merchant and customs officer who worked in Algeria, he studied under an Arab tutor, and traveled extensively around the Mediterranean to learn more about numerical systems and calculation. Generally considered the only major contributor to number theory between Diophantus and Fermat--for 10 points--name this mathematician who introduced Arabic numerals and a namesake series to the Western world in his *Liber Abaci*.

ANSWER: Leonardo Fibonacci

**10** Jailed in 1947 for "contributing to the delinquency" of a 14-year-old boy, Penn stopped displaying his picture and trophies, but fans still named him top athlete of the first half of the 20<sup>th</sup> century in an AP poll. Despite losing his right middle finger, he was the first American man to win a Wimbledon singles title. For 10 points--name this Philadelphia native who shares his last name with the losing Presidential Candidate of the 1876 election.

ANSWER: William Tatem ("Big Bill") Tilden II

**11** One common natural form has formula  $C_{15}H_{15}O_4N_2S$ , and consists of a thiazolidine [thi-a-ZOL-i-dine] ring fused to a beta-lactam ring with a benzyl side chain. The lactam portion blocks the enzyme responsible for cross-linking certain peptidoglycans by mimicking the D-alanine residues used in bacterial cell walls. For 10 points--this describes the structure of what antibiotic discovered by Alexander Fleming?

ANSWER: penicillins (G and V)

**12** Known as *Shamo* in the ancient literature of the region, it has yielded more skulls of dinosaurs, mammals, and lizards, than any other Cretaceous fossil repository. The Chinese traveler Hiouen Tshang called it the "desert of Lop," and its name means "desert" in all Ural-Altai languages. For 10 points--name this desert that stretches 3,000 miles along the border between China and Mongolia.

ANSWER: Gobi Desert

**13** Its unnamed narrator, born in 1925, is snatched by his grandmother as a young child. Upon reuniting with his mother, she is shamed by the makeup he wears on his face. In this autobiographical work, the author idolizes Joan of Arc, the soldiers of the war that scorches Japan, and his own death, a foreshadowing of his suicide in 1970. For 10 points--name this first work by Yukio Mishima.

ANSWER: Confessions of a Mask

**14** Some say Milo Minderbinder in *Catch-22* caricatured its existence. Major figures said to belong to it include Dean Acheson and Paul Nitze, drafter of NSC-68, which asked for a \$35 billion increase in the US defense budget. Corporate players include Lockheed Martin and Boeing. Defense comprised 10% of the economy of at least 13 states in 1963, lending credence to--for 10 points--what entity warned against by Eisenhower in January 1961?

ANSWER: military-industrial complex

**15** This number attempts to measure a fund's performance *versus* the risk it takes. Take a fund's returns in excess of a guaranteed investment, a 90-day T-bill, and divide by the standard deviation of those returns. The higher the result, the better the performance. For 10 points--name this ratio named after a Nobel laureate economist.

ANSWER: Sharpe ratio

**16** Much like the mitochondrial matrix, this represents the space enclosed within a nearly impermeable inner membrane. Consisting of a concentrated solution of enzyme that contains the DNA, RNA, and ribosomes involved in the synthesis of many proteins, this component of the chloroplast surrounds the thylakoid. For 10 points--name the space in a chloroplast that surrounds the grana.

ANSWER: stroma

**17** They are stamped to indicate whether they were produced in Bradford, Pennsylvania or Niagara Falls, Ontario. Invented by George G. Blaisdell in 1932, 12 clubs exist for collectors of these items. The manufacturer guarantees free repair if they are returned. Known for their reliability, in the 1950s, one was retrieved from a fish's belly, and lit on the first try. For 10 points--name these windproof, silver metal incendiary devices.

ANSWER: Zippo lighters [prompt on "lighter"]

**18** Six years before his death in 1932, he published his first book, *White Buildings*, which contained his "response" to *The Waste Land*, "The Marriage of Faustus and Helen." Finding drinking more interesting than the Spanish conquest, the only poem he finished on his Guggenheim-sponsored trip to Mexico was "The Broken Tower." For 10 points--name this author of *The Bridge* who jumped ship and drowned in the Caribbean in 1932.

ANSWER: (Harold) Hart Crane

**19** The name's the same. One was deserted by his mother Psamathe [suh-MAA-thee], brought up by shepherds and torn to pieces by dogs. The other was the son of Apollo and a Muse who taught Orpheus, who tried to teach Hercules but was killed by him. For 10 points--identify this name of Greek myth which is also shared by the second Pope and a Peanuts character.

ANSWER: Linus

**20** As a literary allusion, this program necessitated Rhett Butler's wartime occupation. Ridiculed as foolish military policy proposed by an outdated commander, Winfield Scott, its economic impact on the Confederacy nevertheless caused inflation to skyrocket the price of basic goods. For 10 points--name this naval campaign that, like its namesake, squeezed the livelihood out the South's ability to fight.

ANSWER: Anaconda Plan [Rhett was a blockade runner]

**21** Converted in the body into hippuric acid, when released into the air, it combines with oxygen to form benzaldehyde and cresol. In the 1700s, one of its derivatives led to the discovery of saccharin. For 10 points--name this hydrocarbon in coal tar, with chemical formula  $C_7H_8$ , also used to synthesize TNT.

ANSWER: toluene or methylbenzene or phenylmethane or methylbenzol or toluol

**22** As a Broadway production, it was renamed *Rosalinda* in 1942 and starred Everett West. The plot revolves around infidelity, as Alfred is thought to be Baron Eisenstein, Rosalinda's husband, and is taken to jail in his place. The finale at Prince Orlofsky's masked ball is a ballet scene for which it is now customary to use the *Blue Danube Waltz*. For 10 points--name this operetta by Johann Strauss the Younger whose name translates as *The Bat*.

ANSWER: *Die* Fledermaus [accept *The Bat* on early buzz]

**23** This work was written to end the criticism of his enemies, including John Dennis, Edmund Curll, and John Oldmixon. The 1728 mock epic is a lyrical work that includes such characters as Theobald, the favorite son of the Goddess of Dullness. For 10 points--name this long work by Alexander Pope.

ANSWER: *The* Dunciad

**24** For historical reasons, it is prescribed five to ten times more frequently in the Northeast than the South. In elderly patients, because of the increased risk of tardive dyskinesia with anti-psychotics, this is the treatment of choice for depression with psychotic features. Useful for acute psychosis, catatonic stupor, and bipolar disorder, muscle relaxants must precede administration of--for 10 points--what treatment nicknamed "shock therapy?"

ANSWER: electroconvulsive therapy or ECT

**25** He was disbarred from practicing law in New York State in 1985 for unethical conduct, including owing millions in unpaid taxes. One of his final lobbying efforts was, ironically, against a New York City gay rights ordinance. For 10 points--name this closet homosexual who died of AIDS in 1986, who was chosen as chief counsel to the Senate Subcommittee on Investigations by Joseph McCarthy.

ANSWER: Roy Marcus Cohn

**26** This self-taught English scientist worked full-time in his father's bakery from the age of nine and learned mathematics from library books. In 1828, he published his theorem that gives the relationship between a line integral around a simple closed curve and a double integral over the plane region it bounds. FTP, name this mathematician who was the first person to try to formulate a mathematical theory of electricity and magnetism.

ANSWER: George Green

**27** Just west of the Teton River, at Glacier National Park, it enters the US, where it runs along the Idaho-Montana border. In Mexico, it runs up the crest of the Sierra Madre Occidental, continuing its path along the Rockies. For 10 points--name this watershed boundary separating rivers that flow into the Pacific from those that flow into the Atlantic.

ANSWER: North American Continental Divide or Great Divide

**28** In his spare time, this pharmacist's assistant wrote poems that were eventually published in some Lisbon journals. Love, beauty, misfortune, and drama were his main themes, such as in his poetry collection, *\*Quissange, saüdade Nêgra*. A resident of Angola after 1924, he often merged Portuguese rhymes with African expressions. FTP, name this writer who dedicated his most famous poems to a woman he called the "bronze flower."

ANSWER: Tomaz Vieira da Cruz

**29** This band's lesser-known albums include *The Death of a Dictionary*, *Four Songs*, *Mental Jewelry*, *The Distance to Here*, and *Album 5*. Edward Kowalczyk, Patrick Dahlheimer, Chad Tayler, and Chad Gracey form this alternative rock group, which hit it big with "Lakini's Juice" and "Selling the Drama." For 10 points--name this band, whose multi-platinum albums include *Secret Samadhi* and *Throwing Copper*.

ANSWER: Live

**30** In 1979, the New Jewel movement led a bloodless coup in this country. Their leader, convinced the US was plotting to destabilize his government, began cultivating ties with Cuba and the USSR. In 1983, the country suffered a military coup that executed New Jewel's leader, Maurice Bishop, and then a restoration of civilian rule led by US troops. For 10 points--name this southernmost of the Windward Islands.

ANSWER: Grenada [gruh-NAY-duh]

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## A Buzzer Odyssey

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# 15

**1** Name these regions of the atmosphere, 10 points each.

What part of the atmosphere are you in right now?

ANSWER: troposphere

In what part of the atmosphere is the ozone layer?

ANSWER: stratosphere

Solar wind strongly influences the structure of what layer of the atmosphere?

ANSWER: ionosphere

**2** Name these Abstract Expressionists for 15 points each.

This American artist is most famous for his black-and-white calligraphic paintings, such as *Cardinal* and *Wotan*.

ANSWER: Franz Rowe Kline

This self-taught Russian immigrant's most famous works consist of colored rectangles on a monochrome background, such as *Red, Brown, and Black*.

ANSWER: Mark Rothko

**3** T.S. Eliot's *The Waste Land* is laden with references. Name these works *The Waste Land* alludes to, 10 points each.

The Epigraph describes Sibyl, an Immortal, looking at the future, saying she only wishes to die.

ANSWER: *The Satyricon*

The first line, which begins, "April is the cruelest month..."

ANSWER: *The Canterbury Tales*

The end of Part I, which states, "You! hypocrite lecteur! mon semblable, mon frère!"

ANSWER: *Les Fleurs du mal* or *The Flowers of Evil*

**4** Name these rulers from Sumerian history, 10 points each.

The first king to unite the separate city-states was this ruler of Kish, around 2800 BC.

ANSWER: Etana

The Sumerians were conquered by the Akkadians under this famed king, whose model of government heavily influenced Middle Eastern civilization.

ANSWER: Sargon

This king, part of the 3<sup>rd</sup> dynasty of Ur, published the earliest law-codes yet discovered in Mesopotamia.

ANSWER: Ur-Nammu

**5** Name the composers of these overtures, for the stated number of points.

[5] *Tragic*

ANSWER: Johannes Brahms

[10] *Carnival*

ANSWER: Antonín Leopold Dvorák

[15] *Coriolan*

ANSWER: Ludwig van Beethoven

**6** Given three countries bordering it, name the nation, 10 points each.

Sierra Leone, Cote D'ivoire, Guinea

ANSWER: Liberia

Brazil, French Guiana, Guyana

ANSWER: Suriname

Thailand, Laos, Vietnam

ANSWER: Cambodia or Kampuchea

**7** 30-20-10. Name the character.

[30] This student at Androskoggin University once worked at Ballinger's Drugstore.

[20] Drafted into the army as a captain, he longs to return home to Crabapple Cove, Maine.

[10] Nicknamed by his father, he was played in a long-running TV series by Alan Alda.

ANSWER: Hawkeye or Benjamin Franklin "Hawkeye" Pierce [prompt on "Benjamin" or "Franklin"]

**8** Given the Kafka story, give the protagonist's full name, 15 points each.

*The Metamorphosis*

ANSWER: Gregor Samsa

*Amerika*

ANSWER: Karl Rossmann

**9** Ruminant before you name these digestion terms. 10 points each.

Name the wavelike contractions, produced by the contraction of smooth muscle, that pass along tubular organs such as the intestines.

ANSWER: peristalsis

Name the rounded mass that passes through the esophagus.

ANSWER: bolus

Name the mixture that descends from the stomach and enters the small intestine.

ANSWER: acid chyme

**10** 30-20-10, name the existentialist philosopher from works

[30] *Caligula and Three Others, A Happy Death*

[20] *Exile and the Kingdom, The Rebel, The Possessed*

[10] *The Stranger, The Myth of Sisyphus*

ANSWER: Albert Camus

**11** Name the following figures from Communist China, 10 points each.

Considered one of the most charismatic figures, he was foreign minister and premier and arranged Nixon's visit.

ANSWER: Zhou Enlai or Chou En-Lai

Educated in France, he was frequently kicked out and reinstated in the party before finally gaining power in the late 1970s.

ANSWER: Deng Xiaoping or Teng Hsiao-P'ing

Married to Mao, this actress played a major part in the Cultural Revolution, and was imprisoned as part of the Gang of Four.

ANSWER: Jiang Qing or Chiang Ch'ing or Lan Ping or Luan Shumeng

**12** Name these sociologists, 10 points each.

This sociologist proposed that people progressed in their moral reasoning through a series of six identifiable stages, which can be classified into three levels.

ANSWER: Lawrence **Kohlberg**

He launched urban sociology by advocating the direct observation of the city.

ANSWER: Robert **Park**

His influential book *Gemeinschaft und Gesellschaft* [guh-MYNE-shaft unt guh-ZELL-shaft] is considered a chronicle of modernization and an indictment of an increasingly impersonal world.

ANSWER: Ferdinand **Toennies**

**13** Recounts aren't the only thing happening in Florida. Ten points each.

Which shuttle was launched on Thursday, November 30, 2000?

ANSWER: **Endeavor**

What was the shuttle's destination?

ANSWER: **International Space Station** or **Space Station Alpha**

What was the shuttle's cargo?

ANSWER: **solar panels** or **solar wings**

**14** Samer's filling out the Penn Bowl crossword puzzle. He needs an eight-letter word, starting with "P" and ending with "L." Given the clue, name the word, 10 points each.

A printed program of a play, with the parts assigned to the actors

ANSWER: **playbill**

waterlines to show the level the water should reach when a ship is properly loaded

ANSWER: **Plimsoll** lines

On either side of a skeleton

ANSWER: **paraxial**

**15** Name these Wordsworth poems from lines, 10 points each.

"Have sight of Proteus rising from the sea; / Or hear old Triton blow his wreathed horn."

ANSWER: "The **World Is Too Much with Us**"

"Five years have past; five summers, with the length / Of five long winters!"

ANSWER: "Lines Composed a Few Miles Above **Tintern Abbey**, on Revisiting the Banks of the Wye During a Tour, July 13, 1798"

"And see the children sport upon the shore/And hear the mighty waters rollin g evermore!"

ANSWER: "Ode: **Intimations of Immortality**"

**16** Name these terms from stereochemistry, 10 points each.

A mixture containing equal amounts of both enantiomers of an optically active compound is called this.

ANSWER: **racemic** (rah-SEE-mic) mixture or **racemate**

A compound containing two stereocenters of opposite configuration is called this.

ANSWER: **meso** compound

This kind of diagram is conventionally drawn with the carbon-carbon backbone bonds vertical, and the horizontal bonds are assumed to be pointing up out of the plane of the page.

ANSWER: **Fischer** projection or diagram [accept equivalents]

**17** Tradition attributes Mark's preaching with its founding. 10 points each.

Name this Christian church whose name comes from the Greek for "Egyptian."

ANSWER: **Coptic** Church

Many Egyptians refused to follow the decrees of this 451 Council which defined the person of Jesus Christ as being "one in two natures."

ANSWER: Council of **Chalcedon**

This is the term given to the belief that Christ has only one nature rather than two.

ANSWER: **Monophysitism** [accept word forms]

**18** There have been many Irish political movements since 1800. 10 points each.

In 1870 Protestant Isaac Butt founded this organization, later led by Charles Stuart Parnell.

ANSWER: **Home Rule** League or **Home Rulers** or **Home Government** Association

In this 1916 revolt, nationalists seized the Dublin general post office.

ANSWER: **Easter Rising**

In 1919, he founded the Irish Republican Army.

ANSWER: Michael **Collins**

**19** Name these bodies of water near Italy, 10 points each.

It separates Italy's so-called "heel" from the "toe."

ANSWER: **Gulf of Taranto**

This strait is between Italy's "toe" and Sicily.

ANSWER: Strait of **Messina**

The Gulf of Taranto is part of this arm of the Mediterranean, which connects to the Adriatic by the Strait of Otranto.

ANSWER: **Ionian** Sea

**20** Name these ingredients you might use in the kitchen, 10 points each.

This non-white part of the peel of citrus fruits contains intensely flavored oils.

ANSWER: **zest**

This compound causes most of the burn from hot peppers, and has been used in medicinal taffies.

ANSWER: **capsaicin**

This spice is made of the stigmas of the purple crocus flower. One acre must be harvested to yield one pound.

ANSWER: **saffron**

**21** 30-20-10. Name the group from song titles.

[30] "You only tell me you love me when you're drunk," "A red letter day"

[20] "Se a vide e (That's the way life is)," "Your funny uncle"

[10] "West End Girls," "Suburbia," "Left to my own devices"

ANSWER: **Pet Shop Boys**



**22** Name these characters in James Baldwin works for 10 points each.

*Go Tell It on the Mountain* begins on this central character's 14<sup>th</sup> birthday.

ANSWER: John or John Grimes

"What will you have?" are this Italian title character's first words to David.

ANSWER: Giovanni [from "Giovanni's Room"]

This pastor of a Pentecostal church married Luke in *The Amen Corner*.

ANSWER: Sister Margaret

**23** Name these crystallization patterns, 10 points each.

This system makes crystals with three axes, equal in length, all perpendicular.

ANSWER: isometric

This system uses three axes, all perpendicular, with one axis of a different length than the other two.

ANSWER: tetragonal or tetrahedral

This system uses *four* axes, three in a single plane, symmetrically spaced, and the fourth perpendicular to those three.

ANSWER: hexagonal or trigonal or rhombohedral

**24** Name these people in 1637 America, 10 points each.

Working for the New Sweden Company, this man led a group of settlers to the Delaware River area.

ANSWER: Peter Minuit

After the murder of trader John Oldham, Captain John Mason destroyed this tribe near Stonington, Connecticut.

ANSWER: Pequots

This Massachusetts governor was defeated by John Winthrop after he declared his support for Anne Hutchinson.

ANSWER: Sir Henry Vane

**25** Spain has been rocked by bombings in the year 2000. 15 points each.

This group, active in the 1970s, has renewed its efforts to create a Marxist state when it set off a bomb in Madrid in September.

ANSWER: GRAPO or First of October Anti-Fascist Resistance Group

That bomb was set off in front of the office of what ruling Party of Prime Minister Jose Maria Aznar?

ANSWER: Popular Party

**26** 30-20-10. Name the literary work from quotes.

[30] "As Dr. Oliver Goldsmith will frequently appear in this narrative, I shall endeavor to make my readers in some degree acquainted with his singular character".

[20] "Born at Lichfield, in Straffordshire on the 19th of September, 1709."

[10] "I have been lately informed by the proprietor of *The World* [of] two papers in which My Dictionary is recommended to the public."

ANSWER: *The* Life of Samuel Johnson, LL.D.

**27** Answer the following about assorted genetic diseases, 15 points each.

Phenylketonuria is the inability to convert phenylalanine into what other amino acid?

ANSWER: tyrosine or Tyr [prompt on "Y"]

Cori's disease, Von Gierke's disease and Andersen's disease all involve errors in the storage or metabolism of this compound with variable molecular weight.

ANSWER: glycogen

**28** Their only film together was *The Man Who Shot Liberty Valance*. For the stated number of points.

Five points each, name these legendary actors; one appeared in *Vertigo*, the other in *The Green Berets*.

ANSWER: James Maitland "Jimmy" Stewart and John Wayne or Marion Michael Morrison

This director of *Liberty Valance* won Oscars for *Stagecoach* and *The Grapes of Wrath*.

ANSWER: John Ford or John Martin Feeney

Liberty Valance was played by this character actor, who played Hickey in *The Iceman Cometh* and John Reisman in *The Dirty Dozen*.

ANSWER: Lee Marvin

**29** Answer these questions about ancient Japanese history, 10 points each.

Which dynasty unified the *uji* (family group) states in central Honshu in the 4<sup>th</sup> century AD?

ANSWER: Yamato

The Yamato's rise drove which aboriginal people of Japan to the north?

ANSWER: Ainu [AY-noo]

Ainu can be found today living on which islands that are disputed with Russia?

ANSWER: Kuril Islands or Kurilskiye Ostrova or Chishima-Retto

**30** Apiology is the study of bees. For 10 points each, what is studied in each of the following?

bryology

ANSWER: mosses

caliology [KAY-lee-...]

ANSWER: bird nests

oology [oo-AH-...]

ANSWER: eggs