

PENN BOWL 10

A Buzzer Odyssey

Tossups by
**Rutgers
and Vanderbilt**

5 May 2001

5/12/03

4

1 This novel's index uses word golf to manipulate the word "lass" into the word "male." The narrator reveals himself as Charles II, the last king of Zembla, and states that Jakob Gradus, an assassin, shot his neighbor, the author of the poem that gives the novel its name. Structured as a commentary by Charles Kinbote to a 999-line poem by John Shade--for 10 points--name this 1962 novel by Vladimir Nabokov.

ANSWER: Pale Fire

2 Locals refer to his monument derisively as "The Wedding Cake" or "The Typewriter," even though it now serves as the Tomb of the Unknown Soldier. Charles Albert abdicated as King of Sardinia in his favor in 1849, granting him his first kingship. He led forces from Piedmont into Rome despite facing excommunication from Pope Pius IX. For 10 points--name this first king of a united Italy.

ANSWER: Victor Emmanuel II

3 The anomalous type of this effect arises because an external magnetic field removes the $2J+1$ degeneracy for a given total angular momentum state J . The change in splitting results from the non-zero value of the spin orbital momentum. Seen in NMR spectroscopy--for 10 points--name this effect in which spectral lines split into three--or in the anomalous case, more than three--when an atom is placed in a weak external magnetic field.

ANSWER: Zeeman effect

4 The author of this book says it's a remake of the *Bhagavid Gita*. One character, representing Arjuna, is a war hero who loses his "authentic swing." The title character, representing Krishna, appears out of nowhere to offer spiritual and practical advice. For 10 points--name this Steven Pressfield book, subtitled *Golf and the Game of Life*, recently turned into a movie starring Matt Damon as R. Junuh and Will Smith as the title caddie.

ANSWER: The Legend of Bagger Vance: Golf and the Game of Life

5 Aircraft carriers of this class replaced the obsolete Langley, Lexington, and Ranger class carriers of the Pacific Fleet. The first one, commissioned in 1937, held 15 more aircraft and 1 000 more crewmen than Ranger class carriers. These carriers had varied fortunes as only one, the *Enterprise*, survived WWII. For 10 points--identify this class of aircraft carriers, named for its first member, the only American carrier sunk at Midway.

ANSWER: Yorktown

6 Brendan Fraser makes a brief cameo as a test subject in the placebo group, but the movie focuses on the exploits of Dr. Chris Cooper, a research scientist working at Roritor Pharmaceuticals. After being rushed to produce a drug, Dr. Cooper comes up with Glemonex; a drug that cures depression but eventually causes comas. For 10 points--name this 1995 movie, the only big-screen offering by The Kids in the Hall.

ANSWER: Brain Candy

7 In art, the movement's foremost practitioners were French men like Odilon Redon and the highly decorative Gustave Moreau. It was finally given a theoretical framework by Jean Moréas' 1886 in *Le Figaro*. For 10 points--what movement first experimented with free verse in the poetry of Aleksandr Blok and Stéphane Mallarmé?

ANSWER: Symbolism [accept word forms]

8 Let S be the set of nonnegative integers. One example would be the set of ordered pairs (x, y) , with x and y in S , such that x minus y is a multiple of 3. This is because for all x in S , x is related to itself; if x is related to y , then y is related to x ; and when x is related to y and y to z , x is related to z . Grouping together set elements that can be treated in the same manner--for 10 points--what type of relation must be reflexive, symmetric, and transitive?

ANSWER: equivalence relations

9 At home, you can compete against Riku Kiri--or online--on the Activision computer game based on this show. Events include loading, the farmer's walk, truck pulling, and the ever-popular crucifix, in which contestants hold battle axes at arm's length. For 10 points--name this competition whose previous champions include Bill Kazmaier and Magnus ver Magnusson.

ANSWER: World's Strongest Man Competition

10 First conducted in 1850 by Franz List, a tenor who portrayed the title character once asked, "What time is the next swan?" when the swan came onstage without him. The title character saves Elsa's life and falls in love with her, but Ortrud plants seeds of doubt, and she demands of him the one thing he is forbidden to give her--his name. For 10 points--name this Wagner opera about the son of Parsifal that contains the "Wedding March Processional."

ANSWER: Lohengrin

11 This novel's epigraph, from Coleridge, refers to a substance drawn by "work without hope." Irawaddy, the main character's daughter, becomes a prostitute; the main character returns to live with Selvam, an assistant at Kenny's hospital. After leaving her village, the main character, Rukmani, works in a quarry with her husband Nathan and welcomes into her family Puli, a boy of the streets. For 10 points--name this 1956 novel by Kamala Markandaya.

ANSWER: Nectar in a Sieve

12 Located in Ashford, Washington, it was designated a National Historic Landmark in 1997. At its base lies Eunice Lake. Rising 14,410 feet, it is encased in over 35 square miles of snow and ice. With three major peaks, Liberty Cap, Point Success, and Columbia Crest--for 10 points--name this active volcano 40 miles southeast of Tacoma, Washington, in the Cascades.

ANSWER: Mount Rainier

13 The IBM San Jose Research Team's "System R" team created this programming language in 1974. Among its more common commands are "select," "from," and "where", and it is used by giants like Microsoft, Informix, and Oracle. For 10 points--name this most popular relational-database query language.

ANSWER: Structured Query Language or SQL ["sequel"]

14 Originally, he was a local god of Busiris. Marrying his sister, he had a son with his brother's wife, Nephthys; his jealous brother then killed and dismembered him. His reanimated corpse then sired a child with his wife. For 10 points--name this father of Anubis and Horus, who served as the Egyptian judge of the souls of the dead.

ANSWER: Osiris

15 It refers to sequences of linguistic representations that indicate the structure of a sentence before, during, and after the application of a grammatical rule. It can also mean "the formation of a word by changing the form of the base," but--for 10 points--what 10-letter word usually refers to the history and etymology of a word?

ANSWER: derivation [accept word forms]

16 Compounds with this functional group react with hydrobromic acid to form alkenes; they can be synthesized by the Williamson process. Found in codeine and antifreeze, they have properties similar to alcohols. For 10 points--name this sweet-smelling organic group found in early anesthetics.

ANSWER: ethers

17 Lead guitarist Joey Santiago was a roommate at UMass/Amherst of this band's frontman, whose miserable study abroad experience in Puerto Rico was described in "Crackity Jones." Their first album was 1987's *Come On Pilgrim*, but their signature album would be 1989's *Doolittle*. Breaking up in 1993--for 10 points--name this band led by Black Francis, whose albums include *Debaser*, *Velouria*, and *Monkey Gone to Heaven*.

ANSWER: The Pixies

18 A rural New England farmer, who once studied in Worcester, Massachusetts, marries the woman who tended his mother on her deathbed. Her hypochondria and guilt ruin his otherwise happy life. When her poor cousin Martie comes to care for her, he is smitten by her youth and vitality. For 10 points--name this novel about the love triangle between Mattie, Xenobia, and the title character, who, with Mattie, attempts suicide in a sled.

ANSWER: Ethan Frome [HN: His life sucked.--Ed.]

19 This son-in-law of Zachary Taylor, in his eight years in the Senate, was a leading spokesman for southern rights. He pressured Franklin Pierce to support the Kansas-Nebraska Act while serving in his Cabinet as Secretary of War--a position he was well-qualified for, having been a colonel at Buena Vista in the Mexican War. For 10 points--name this Mississippiian, the first and only president of the Confederacy.

ANSWER: Jefferson Finis Davis

20 Earning degrees at Oxford and Bard, he later became a psychology professor at Columbia. Wounded in combat in Korea, he traveled to Israel, where he had an illegitimate child with Gabrielle Haller, a future Israeli ambassador to Britain. Later in life, he journeyed to Tibet, where he lost the use of his legs. For 10 points--name this man who founded in Salem Center, New York, a school for "gifted youth."

ANSWER: Professor X or Professor Charles Francis Xavier

21 Sestamibi, used in nuclear imaging, contains ions of this element, whose presence in stellar matter has led to new theories of nucleogenesis. Discovered in 1937 by Perrier and Segrè--for 10 points--name this element, whose most stable element has atomic mass 99, that was first produced by bombarding molybdenum with deuterons, making it the first artificially produced element.

ANSWER: technetium or Tc

22 This man, who helped quell the *riddah*, or apostasy, organized the *hajj* to Mecca in 631. Also known as *as-Sidiq*, or "the Upright," he was one of the first converts to Islam; his daughter Aisha married Muhammad. One of Muhammad's closest advisors, he led the prayers during Muhammad's final illness. For 10 points--name this man, who ruled for just two years after Muhammad's death as the first caliph.

ANSWER: Abu Bakr [accept as-Sidiq on early buzz]

23 In college this poet converted to Catholicism. Instead of pursuing classics, he joined the Franciscans. While he had written much poetry in college, he gave up writing for seven years as an "ungodly" activity, until 1875's "Wreck of the *Deutschland*," a supplicatory religious poem that anticipated his later work, including the *Terrible Sonnets*. For 10 points--name this poet who invented sprung rhythm and wrote "The Windhover" and "Pied Beauty."

ANSWER: Gerard Manley Hopkins

24 He married Camese and fathered Tiberius, god of the Tiber River. He protected Romulus when the Sabines

attacked Rome, but his most famous sanctuary was a portal on the Forum Romanum through which the Roman legionnaires went to war. For 10 points--name this two-headed Roman god, the patron of entrances and exits.

ANSWER: Janus

25 Marked with hexagonal symbols to indicate their authenticity, they are fermented several times with several different strains of yeast. All the fermentation--helped by a kick of pure sugar--results in ales both up to twice as strong as typical beers, and also very dark and highly carbonated. For 10 points--name this style of Belgian ale, brewed only in certain monastic communities.

ANSWER: Trappist Ale

26 He earned a medical degree at the University of Heidelberg and became an assistant to the physiologist Wilhelm von Helmholtz, during which time he offered the first course ever taught in scientific psychology. In 1871, he published *Principles of Physiological Psychology*. For 10 points--who established the world's first psychological laboratory?

ANSWER: Wilhelm Max Wundt

27 A graduate of VMI, he was aide to General John Pershing after World War I. Sworn in as chief of staff of the US Army in 1939, he left the job in 1945 to mediate the Chinese Civil War. In 1947, he became Secretary of State. For 10 points--who proposed the European Recovery Program, which has come to bear his name?

ANSWER: George C(atlett) Marshall, Jr.

28 Completed in 1869, while its creator was Renoir's neighbor in Saint-Michel, this painting, famous for its lifelike rippling water and vivid color, depicts two wooden boats in the foreground, a crowded dock off to the right, and a group of people both seated and standing on a small circular island attached to the dock. For 10 points--name this painting by Monet, named after a swimming spot, which sounds like it's a good place to get frog legs.

ANSWER: *La Grenouillère* or *The Froggery* [accept *Bathing at La Grenouillère* before "two"]

29 In 1760, he published the newspaper *The Public Ledger*, which included selections from his collection *The World Displayed*, aimed at younger readers. In 1921, Frederic Melcher gave Hendrick van Loon the first award named after this Englishman. For 10 points--who lent his name to a prize awarded to such books as *A Wrinkle in Time* and *Bridge to Terabithia*?

ANSWER: John Newbery [do not prompt on "Caldecott"]

30 In December 1999, he was indicted on 59 counts for illegally downloading weapons data. He spent over nine months in solitary confinement, but in September 2000, the government dropped almost its entire case and he pleaded guilty to one count of mishandling secrets. For 10 points--name this former nuclear scientist of the Los Alamos Laboratories who happened to misplace weapons-sensitive DC 6150 computer tapes in a nearby landfill.

ANSWER: Dr. Wen Ho Lee

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1 President Adams sent three Americans to Paris in a futile effort to stop French attacks on American ships. 10 points per part.

Name this event, in which three anonymous French agents demanded money for any action to take place.

ANSWER: XYZ affair

Outraged Federalists in Congress passed these Acts aimed against French supporters of Jefferson residing in America.

ANSWER: Alien and Sedition Acts

Five points each, name the two states that passed resolutions arguing the Alien and Sedition Acts were unconstitutional.

ANSWER: Virginia or Kentucky

2 Name these Black authors, 10 points each.

Posthumous publication of his unfinished novel *Juneteenth* caused a furor, as did his novel *Invisible Man*.

ANSWER: Ralph Ellison

Born in New York in 1903, this poet wrote "For a Lady I Know" and "Incident." His collections included *Copper Sun* and *The Black Christ*.

ANSWER: Countee Cullen

This poet, the first Black winner of the Pulitzer Prize won in 1950 with *A Street in Bronzeville*.

ANSWER: Gwendolyn Brooks

3 Name these bones of the skull, 10 points each.

The largest bone of the face, it has a body and two rami [RAY-my]. It is the bone of the lower jaw.

ANSWER: mandible or inferior maxillary bone

These two large, irregularly quadrilateral bones form the top of the skull.

ANSWER: parietal bones

This single bone at the base of the skull runs through the midsagittal plane. It helps connect the cranial portion of the skull to the facial.

ANSWER: sphenoid bone

4 Name these William Faulkner novels, 10 points each.

His first, published in 1926, concerns the alienation of WWI veterans from their country.

ANSWER: Soldier's Pay

The "poor white" Bundren family carries their decaying matriarch to her burial in Jefferson.

ANSWER: As I Lay Dying

It contrasts Lena Grove, a pregnant countrywoman, with Joe Christmas, unsure of his racial origins and unable to fit into society.

ANSWER: Light in August

5 Corey discovers Jimmy has a natural talent for video games. They travel to the West Coast to compete in a video game tournament. 10 points each.

Name this Fred Savage movie.

ANSWER: The Wizard

Jimmy's best competition, Lucas, tries to intimidate Jimmy and impress Haley by showing off this Nintendo accessory which he uses to play Rad Racer.

ANSWER: Power Glove

Jimmy is one of the top scorers in this 1989 Tecmo game featuring Ryu Hayabusa, earning him a spot in the final round, playing the new *Super Mario Bros. 3*.

ANSWER: Ninja Gaiden

6 In the death spiral in pairs figure skating, the woman is spun around in a circle by her partner. 10 points each.

His hand provides what type of force towards the circle's center?

ANSWER: centripetal force [do not accept "centrifugal"]

If the woman moves with velocity v meters per second, r meters away from her partner at all times, what is her centripetal acceleration?

ANSWER: v^2/r [v squared over r , accept equivalents]

For the same velocity v and radius r , how long does it take her to complete one revolution?

ANSWER: $2\pi r/v$ [2 pi r over v , accept equivalents]

7 30-20-10. Name the composer from works.

[30] *Billie's Bounce, Ballade, Laird Baird*

[20] *Now's the Time, Anthropology, Scapple from the Apple*

[10] *Ornithology, Yardbird Suite, Confirmation*

ANSWER: Charlie "Bird" Parker

8 Hey, 1914 was a pretty crazy year. And 1913 was whack too. For the stated number of points.

[5] This amendment passed in the US.

ANSWER: Sixteenth Amendment

[10] A war broke out in this region that was ended by the London Peace Treaty.

ANSWER: the Balkan [accept equivalents]

[15] In this "affair," a German soldier killed a native in Alsace. When he escaped without punishment, Franco-Prussian relations suffered.

ANSWER: Zabern affair

9 *Phch.* Name these philosophical terms starting with "ph," 10 points each.

This philosophy of economic and natural law is the title of *The Natural Constitution of the Government Most Advantageous to Humankind*, collecting writings by Francis Quesnay [keh-NAY].

ANSWER: Physiocracy

Charles Fourier used this term for a military formation used by Sumerians and Greeks to name his communal association of producers.

ANSWER: phalanx or phalanges

This Plato work discusses the soul using the metaphor of a chariot drawn by both noble and ignoble horses.

ANSWER: Phaedrus

10 Given characters from *The Simpsons*, name the person who voices them, 10 points each.

Smithers, Ned Flanders, Principal Skinner

ANSWER: Harry Shearer

Krusty, Groundskeeper Willy, Barney Gumble

ANSWER: Dan Castellaneta

Rod and Todd Flanders, Nelson

ANSWER: Nancy Cartwright

11 Name these terms from economics, 10 points each.

This is the increase in the money supply resulting from a one-dollar increase in the monetary base.

ANSWER: money multiplier

This is the change in consumption of a good resulting from a movement to a higher or lower indifference curve, holding the relative price constant.

ANSWER: income effect

This is the one-for-one influence of expected inflation on the nominal interest rate.

ANSWER: Fisher effect

12 Name these marsupials, 10 points each.

"America's marsupial," this animal's naked, scaly tail can grasp tree limbs and support the animal's weight for a brief time.

ANSWER: o possums

This stocky, burrowing marsupial resembles a small bear, and can weigh up to 40 kg. Species include the common, southern hairy-nosed, and northern hairy-nosed.

ANSWER: wombats

These marsupials found in Australia, Tasmania, New Guinea, and Indonesia, are named for their preference for sweet foods and their ability to travel like flying squirrels.

ANSWER: sugar gliders

13 Given the point of highest elevation in native parlance name the country, 10 points each.

Kanchenjunga [kahn-CHEN-joon-guh]

ANSWER: India

Dufourspitze [DOO-foor-spee-tzuh]

ANSWER: Switzerland

Carrauntoohil [cuh-ROWN-too-hil]

ANSWER: Ireland

14 Name these Auburn stars making a name for themselves in pro sports, 10 points each.

He's gotten a few spot starts at power forward on a Golden State team after rebounding machine Danny Fortson went down with a broken foot.

ANSWER: Chris Porter

He leads a similarly horrible Bengals team in tackles.

ANSWER: Takeo Spikes

This former QB is the new "slash" with spot duty at running back, wideout, and QB for the Carolina Panthers.

ANSWER: Dameyune Craig

15 Given the work, name the composer, 10 points each.

Hungarian Rhapsodies

ANSWER: Franz Liszt or Liszt Ferenc

14 Czech Dances

ANSWER: Bedrich Smetana

Cuban Overture

ANSWER: George Gershwin or Jacob Gershwin

16 Answer the following about the military career of Sir Thomas Fairfax, 10 points each.

Fairfax was knighted in 1640 for his efforts against the Scots in this series of religious "wars" from 1639-40.

ANSWER: the **Bishop's Wars**

In 1645, Fairfax was named commander-in-chief of this military force.

ANSWER: **New Model Army**

His June 14, 1645 victory over Charles I at this Northamptonshire battle assured the end of Charles' reign.

ANSWER: **Naseby**

17 Name these 17th-century Japanese authors, 15 points each.

His novels of the new bourgeoisie in Osaka include *The Life of an Amorous Woman* and *Comrade Loves of the Samurai*.

ANSWER: **Ihara** or Ihara **Saikaku**

He created some of the greatest *kabuki* and *yoruri* plays, including *Love Suiades at Amijima* and *The 47 Ronin*.

ANSWER: **Chikamatsu** Monzaemon

18 Name these pharaohs, 10 points each.

The husband of Nefertiti, he established a monotheistic cult of Aton.

ANSWER: **Akhenaton** or **Ikhnatun** or **Amenhotep IV** or **Neferkheperure** Amenhotep

Akhenaton's son-in-law, he restored the capital to Thebes. He preferred Amon to Aton.

ANSWER: **Tutankhamen** or **Tutankhamun** or **Tutankhaton**

The architect Imhotep built the first step pyramid for this pharaoh.

ANSWER: **Zoser** or **Djoser** or **Netjerykhet**

19 He studied intelligence in children at the Sorbonne, where he developed his theory of cognitive development. For the stated number of points.

[10] Name this psychologist.

ANSWER: Jean **Piaget** [PEE-ah-zhay]

Five points each, name Piaget's four stages in cognitive development.

ANSWER: **sensorimotor**, **preoperational**, **concrete operational**, **formal operational**

20 30-20-10. Name the man.

[30] As Chair of the Independent Commission on the Los Angeles Police Department, he recommended reforms after the Rodney King affair.

[20] He is credited with negotiating the release of the 52 American hostages in Iran in 1981 and helped win ratification of the Panama Canal treaties.

[10] President Clinton's former Secretary of State, he recently led Al Gore's Vice-Presidential search.

ANSWER: Warren **Christopher**

21 Answer these questions about addition reactions on carbonyl compounds, 10 points each?

Water adds to aldehydes or ketones to form what type of compound with two -OH groups on the same carbon?

ANSWER: hydrate

Adding an alcohol to an aldehyde or ketone yields this type of compound.

ANSWER: hemiacetal [ah-SIH-taal]

In this reaction, an aldehyde or ketone reacts with a phosphonium ylid [IH-lid] to form an alkene.

ANSWER: Wittig [VIH-tig] reaction

22 Name these poetical terms, for the stated number of points.

These elaborate, sustained metaphors draw startling comparisons between two seemingly dissimilar things.

ANSWER: conceits

These are the eight-line and six-line components of a Petrarchan or Spenserian sonnet.

ANSWER: octave and sestet [do not accept "sextet"]

This device inverts the second of two parallel phrases in order to stress their opposition, such as, "She went to Paris; to London went he."

ANSWER: chiasmus or chiasma

23 30-20-10. Name the mythological figure.

[30] In a John William Waterhouse painting, she is riding in a small boat with three candles, one of them lit.

[20] Possibly Elaine or the Fair Maid of Astolat, the exact identity of this subject of a Tennyson poem is unknown when she washes ashore near Camelot.

[10] Cursed to only look at the world through a mirror, she attempts to pursue the handsome Lancelot and dies.

ANSWER: The Lady of Shalott

24 Given a 2000 Grand Slam tennis event, name the women's singles winner, 10 points each.

French Open

ANSWER: Mary Pierce

Wimbledon

ANSWER: Venus Williams

US Open

ANSWER: Venus Williams

25 30-20-10. Name the short story from quotes.

[30] "The Kanamit were not very pretty, it's true. They looked something like pigs and something like people, and that is not an attractive combination."

[20] "He was highly excited about a month after that first meeting; said he'd got hold of a book of the Kanamit's and was trying to puzzle it out."

[10] "'It's a cookbook,' he said."

ANSWER: "To Serve Man"

26 This MTV show premiered on October 1, 2000. 10 points each.

Name this show where you can see someone get showered by a Porta-Potty or rollerblade in a jockstrap.

ANSWER: Jackass

Name the main participant in, and host of, the insanity of *Jackass*.

ANSWER: Johnny Knoxville or P.J. Clapp

Knoxville just signed a \$1 million contract to star as a lumberjack/trucker in this comedy movie.

ANSWER: Tree

27 Answer these questions on German history, 10 points each.

In 1834, 18 independent states, led by Prussia, formed what union to propel industrial modernization?

ANSWER: Zollverein [tsoll-VEH-rine] or Customs Union

What set of laws went into force in May 1949 to govern the Federal Republic of Germany?

ANSWER: Basic Law or Grundgesetz

What government agency privatized 7,000 of East Germany's 11,000 state firms when Germany reunited?

ANSWER: Treuhand

28 Name these ballet terms, 10 points each.

A complete turn on one foot.

ANSWER: pirouette

Feet turned out, one foot placed in front of the other. The heel of one foot is placed in front of the toe of another.

ANSWER: fourth position

Feet turned out in a straight line, keeping heels several inches apart.

ANSWER: second position

29 30-20-10. Name the poet.

[30] W.H. Auden called this author of *Fairies and Fusiliers* and *The White Goddess*, a book of mythical criticism, "England's greatest living poet."

[20] His World War I autobiography *Good-bye to All That* recorded his disillusionment with post-war life and post-war England; after its publication he moved to Majorca.

[10] His Roman historical novels included *Claudius the God and His Wife Messalina* and *I, Claudius*.

ANSWER: Robert Graves

30 Name these women in the life of Moses, 10 points each.

Wife of Amram, she was Moses' mother.

ANSWER: Yocheved or Jochebed

Moses's sister, she led the celebration after crossing the Red Sea.

ANSWER: Miriam

This daughter of the Midianite Jethro married Moses.

ANSWER: Zipporah