

# PENN BOWL 10

A Buzzer Odyssey

Tossups by

## Arkansas and North Carolina

2

3 May 2001  
LMM/01  
518103

**1** Born in Turin in 1776, this count, a lawyer by profession, was named president of the local senate at 23. Better known for his contributions to chemistry, though, his namesake law states that equal volumes of gases at the same temperature and pressure contain the same number of molecules. For 10 points--name this chemist who calculated the number of molecules of a substance in one mole.

ANSWER: Conte Amedeo Avogadro di Quaregna e Ceretto

**2** His first published poem, "Song of Songs," appeared in *The Hydra*, a literary magazine he edited, published by the residents of Craiglockhart military hospital. While there, he met another British poet who inspired him to write such anti-war poetry as "Futility." For 10 points--name this English poet, killed in the final days of World War I, who wrote "Strange Meeting" and "Dulce et Decorum Est."

ANSWER: Wilfred Owen

**3** Despite helping to prepare the first draft of the Articles of Confederation, and being the principal author of the "Declaration [Setting] Forth the Causes and Necessity of Their Taking up Arms," he voted *against* the Declaration of Independence. For 10 points--identify this "penman of the Revolution," the author of *Letters from a Farmer in Pennsylvania*, the namesake of a Pennsylvania college.

ANSWER: John Dickinson

**4** Lenny Lipton received half the royalties earned on this song for writing its lyrics. Basing his poem on one by Ogden Nash, Lipton's lyrics touch on his wistfulness for the innocence of his youth. For 10 points--name this song, which was a number 2 hit for Peter, Paul, and Mary, that has nothing to do with drugs.

ANSWER: "Puff the Magic Dragon"

**5** John Dalton correctly correlated it to the Earth's magnetic field. Depending on location, their frequency ranges from once or twice a day--usually at shorter wavelengths--to once or twice a decade--usually at longer wavelengths--especially during periods of high solar activity. For 10 points--name this phenomenon, commonly called the Northern and Southern Lights.

ANSWER: auroras (borealis or australis) [accept Northern Lights or Southern Lights on early buzz]

**6** Born appropriately enough in Triumph, Idaho, she was named for a nearby town. After success at Lillehammer, she tore a ligament in her left knee in 1996. For 10 points--name this alpine skier whose comeback story garnered the hope of the nation, as well as Olympic gold in Nagano.

ANSWER: Picabo Street

**7** "A warty bug," is what Mark Twain called this church, which inspired Stravinsky's *Canticum sacrum*. Shaped like a cross, each arm is topped with a dome topped by a lantern, visible from sea. Begun in 1063, its altar screen is the Pala d'Oro, with 3,000 jewels inlaid in gold. The building overlooks its namesake square facing the Campanile, next to the Doge's Palace. For 10 points--name this resting-place of the patron saint of Venice.

ANSWER: St. Mark's Basilica or Basilica di San Marco

**8** This third novel in the "Albany Cycle" continues the story of the Phelan family, focusing on Francis, a grave-digger and ex-ballplayer who returns to his hometown Albany in 1938. While there, he tries to repair the damage of his tragic past, including the accidental killing of his son, in--for 10 points--what 1983 Pulitzer-Prize winning novel by William Kennedy?

ANSWER: Ironweed

**9** While a student at the San Francisco Art Institute, this photographer began taking pictures for *Rolling Stone* magazine in 1970. The second living photographer to have works exhibited in the National Portrait Gallery, her collections of portraits include *Olympic Athletes*, *Shooting Stars*, and *Women*. For 10 points--name this photographer infamous for her photo *John and Yoko in a Hug*.

ANSWER: Anna-Lou "Annie" Leibovitz [HN: Lennon is naked. Thankfully, Yoko isn't. --Ed.]

**10** Characterized by large transverse processes pierced by transverse foramina [foh-RAY-mih-nuh], this rounded vertebra, which first evolved in amphibians, has a flattened neural arch but no neural spine, though it is perforated laterally by a pair of atlantal foramina which transmit the vertebral nerves to the skull. For 10 points--name this first cervical vertebra, which in humans supports the head, not the world.

ANSWER: atlas vertebra [accept C1 or first cervical vertebra before "first"]

**11** In 1924 he helped found the Regional Planning Association of America, and his works center around the growth of civilization, particularly in urban areas in such works as *The Brown Decades* and *The City in History*. For 10 points--name this writer famous for his "Renewal of Life" series featuring *The Culture of Cities* in which he urges mankind to create a better life for itself.

ANSWER: Lewis Mumford

**12** According to one legend, he immolated himself on a pyre and became the planet Venus. According to another, this priest-king of Tula was expelled by his brother, Tezcatlipoca, the god of the night sky. When Cortés arrived in 1519, he was associated with this god. For 10 points--name this Aztec god, the patron of priests and the inventor of the calendar, represented as a feathered serpent.

ANSWER: Quetzalcóatl [kwet-zil-KOH-ah-til]

**13** Knighted in 1920, this anthropologist served from 1894 to 1924 as Curator of Egyptian and Assyrian Antiquities at the British Museum. Also a scholar of Christ's College and a Hebrew Scholar, he analyzed many practices of Egyptian religion, language, and ritual, and published several books for students of hieroglyphics. For 10 points--name this translator of the Egyptian *Book of the Dead*.

ANSWER: Sir (Ernest Alfred Thompson) Wallis Budge

**14** It gave its name to a series of violent 1942 events in Los Angeles where anti-Mexican groups attacked Chicanos. Worn by many people of the period, not just Mexicans, they consisted of wide-shouldered jackets and pleated, narrow-cuffed trousers. For 10 points--name this form of attire recently brought back into public light by a Cherry Poppin' Daddies song.

ANSWER: Zoot suit

**15** This dinoflagellate, just 7 microns across, has a highly complex life cycle, with over 20 different forms, including cyst, amoeboid, and vegetative stages. In the vegetative stage, among others, it can produce toxins that have harmed both humans and fish. For 10 points--name this algae, whose blooms have been implicated in several massive fish kills between North Carolina and Chesapeake Bay.

ANSWER: Pfiesteria piscicida [fie-STEE-ree-uh] or P. piscicida

**16** A graduate of Columbia University, he gained renown for his highly complex mystery novels, including the 1987 *New York Trilogy*, featuring a private investigator called Blue who investigates a man named Black for a client named White. For 10 points--name this author of *Moon Palace*, *The Invention of Solitude*, and 1994's best-selling *Mr. Vertigo*.

ANSWER: Paul Auster

**17** It started with an attack to seize the oil-rich province of Khuzestan and gain control of the Shatt al'Arab waterway in September 1980. Financed by Saudi Arabia and other wealthy states fearing the spread of Islamic fundamentalism--for 10 points--name this 8-year conflict in the Middle East, named for its two belligerents.

ANSWER: Iran-Iraq or Iraq-Iran War [do not prompt on "(Persian) Gulf War"]

**18** It hasn't been seen in public since it was sold in May 1990 for \$82.5 million to the Japanese industrialist Ryoei Saito. After Saito's 1996 death, nobody even knows where it is. For 10 points--name this 1890 painting of a psychiatrist by Vincent van Gogh, the most expensive painting ever sold at auction.

ANSWER: *Portrait of Doctor (Paul) Gachet*

**19** He enjoyed building ships in bottles as a boy; his collection included a legendary Promellian battle cruiser. The only first-year cadet ever to win the Starfleet Academy marathon on Danula II, this bridge officer on the USS *Stargazer* when its captain was killed, commanded the *Stargazer* for 20 years before captaining a more famous ship. For 10 points--name this captain of the USS *Enterprise* on *Star Trek: The Next Generation*.

ANSWER: Captain Jean-Luc Picard

**20** Obtained primarily as a by-product of refinement of copper and lead ores, this metal is important in the pharmaceutical industry for treatment of skin injuries, syphilis, and ulcers. One of the few metals that expands upon solidifying, this gray-white element is the most metallic element in group 15. For 10 points--name this element next to lead on the periodic table.

ANSWER: Bismuth

**21** This drama in three acts is based on an actual case in 19<sup>th</sup> century Edinburgh detailed in the essay "Closed Doors, or the Great Drumsheugh Case" by William Routhead. In this 1934 play, Mary Tilford, a student at a New England boarding school, tries to explain to her rich, indulgent grandmother why she must run away from school. For 10 points--name this play by Lillian Hellman.

ANSWER: *The Children's Hour*

**22** In 1994, he was named the Vice Mayor of St. Petersburg. Two years later, he moved from St. Petersburg to Moscow, where he assumed the position of Deputy Kremlin Administrator. By 1999, he had become the secretary of Yeltsin's Security Council. For 10 points--name this former KGB man who succeeded Boris Yeltsin as President of Russia.

ANSWER: Vladimir Vladimirovitch Putin [prompt on "Grey Cardinal" or "Lt. Col. Adamov"]

**23** According to legend, while Christ carried the cross to Calvary, this maiden gave him her handkerchief to wipe his sweat from his brow. When Jesus gave the handkerchief back to her, it had a true likeness of his face. Name this legendary saint--for 10 points--whose name comes from the Greek for "true likeness," who shares her name with a character in the comic strip *Archie*.

ANSWER: St. Veronica [HN: from *vera* + *ikon*]

**24** In his first Little League game, he hit his best friend with a pitch--luckily, he soon moved to the outfield. A devout Mormon, he was drafted in 1974. Playing under Joe Torre, he helped his team win the 1982 division championship--but was traded the year before his team faced the Minnesota Twins in the World Series. For 10 points--name this Atlanta Braves all-star of the 1980s.

ANSWER: Dale Murphy

**25** Nestled at the foot of the Chugach Mountains on the shores of Prince William Sound, it boasts rugged mountain peaks and glaciers, and averages 300 inches of snow a year. Home to the World Extreme Skiing Championships--for 10 points--name this city, a busy Alaskan seaport, where over a million barrels of oil are loaded onto tankers every day at the terminus of the Trans-Alaska Pipeline.

ANSWER: Valdez

**26** Robert Ingersoll's presidential nomination speech called this man "The Plumed Knight," but his opponents called him "the Tattooed Man" after a cartoon portrayed him wearing a robe inscribed with his many scandals. Defeated by the slogan "Rum, Romanism, and Rebellion" in 1884 to Grover Cleveland--for 10 points--who was this candidate also rhymingly called "The Monumental Liar from the State of Maine?"

ANSWER: James G(illespie) Blaine

**27** This French painter of religious and genre subjects was born in Vic, a small town in the duchy of Lorraine, in 1593. His daylight scenes most often depict religious subjects and exhibit exquisite attention to detail, but he is best known for his night scenes of dark interiors illuminated by candlelight. FTP name this painter of works such as *Cheater with the Ace of Diamonds*, *Hurdy-Gurdy Player*, and *St. Sebastian Attended by St. Irene*.

ANSWER: Georges de La Tour

**28** "It was found in the banks of the Amoy River in southern China . . . and has a sinister history. There have been two murders, a vitriol-throwing, a suicide, and several robberies brought about for the sake of this forty-grain weight of crystallized charcoal." For 10 points--what is this precious blue stone, found inside a goose, the subject of an adventure by Sherlock Holmes?

ANSWER: The Blue Carbuncle

**29** This short-lived art movement lasted just 20 years before being squashed by the state. Founded after WWI, it began and remained chiefly in Russia, though it did gain adherents in Germany and the United States. Believing in art as production, it used new media to tie abstract expression to utilitarianism. For 10 points--name this movement, whose famous artists include El Lissitzky and Aleksandr Rodchenko.

ANSWER: Constructivism or Konstruktivizm

**30** Though apprenticed to a London bookbinder at 14, he later worked for Sir Humphry Davy at the Royal Institution and quickly became a notable analytical chemist and, in 1825, discovered benzene. However, his most famous work was in physics, especially in the field of electricity. For 10 points--name this man whose major contribution to science was formulating the idea of "electromagnetic inductance."

ANSWER: Michael Faraday

**PENN BOWL 10****A Buzzer Odyssey****Boni by  
Arkansas  
and North Carolina****2****1** Name these forms of unemployment, 10 points each.

Workers voluntarily changing jobs and temporary layoffs.

ANSWER: **frictional** unemployment

Workers unemployed because their skills are not in demand or they cannot relocate to take available jobs.

ANSWER: **structural** unemployment

Unemployment caused by insufficient aggregate expenditures or aggregate supply.

ANSWER: **cyclical** unemployment**2** His first major work was the 1821 Revolutionary War novel *The Spy*, which was quickly followed by *The Pilot*. For the stated number of points.

[10] Name this American author.

ANSWER: James Fenimore **Cooper***The Leatherstocking Tales* contains five books, including *The Last of the Mohicans*. Five points each, name the other four.ANSWER: *The **Pioneers**, The **Deerslayer**, The **Pathfinder**, The **Prairie*****3** 30-20-10. Name the painter from works.[30] *Noah's Ark on Mt. Ararat* and *Monsters Populating the Earth*[20] *St. John the Baptist in the Wilderness* and *Temptation of St. Anthony*[10] *The Garden of Earthly Delights*ANSWER: Hieronymus **Bosch** or Jerome **van Aken****4** Given the two head coaches in a Super Bowl, for 5 points each, name in either order the teams they coached and the number of the Super Bowl.

Tom Flores v. Dick Vermeil

ANSWER: **Oakland Raiders** v. **Philadelphia** or Philadelphia **Eagles**, Super Bowl **XV**

Bill Walsh v. Sam Wyche

ANSWER: **San Francisco** or San Francisco **49ers** v. **Cincinnati** or Cincinnati **Bengals**, Super Bowl **XXIII****5** 30-20-10. Name the author from works.[30] *Two Cheers for Democracy*, *Abinger Harvest*, and *Pharos and Pharillon* [fahr-EE-lon][20] *The Hill of Devi*, *Arctic Summer*, and the libretto for *Billy Budd*[10] *Where Angels Fear to Tread* and *Room with a View*ANSWER: E(dward) M(organ) **Forster**

**6** Given the Greek root, name the animal to which it refers, for the stated number of points.

- [5] *hippo-*, as in hippodrome ANSWER: horses  
[10] *api-* [AY-pee], as in apian ANSWER: bees  
[15] *ailuro-* [EYE-loo-roh], as in ailurophobia ANSWER: cats

**7** Name these bits of floral anatomy, 10 points each.

The terminal part of the stamen, pollen is produced here.

ANSWER: anther

This is the collective term for the sepals that surround and protect the flower bud.

ANSWER: calyx

This part of the pistil is a slender stalk connecting the ovary and the stigma.

ANSWER: style

**8** 30-20-10. Name the Canadian city.

- [30] British settlement began here in 1749 when Edward Cornwallis fortified this fishing village, now named after George Montagu Dunk.  
[20] This village counterbalanced Louisbourg, a French settlement, in Cape Breton. Canada's most important naval base in WWII.  
[10] It is the capital of Nova Scotia.

ANSWER: Halifax

**9** Name these things seen by sailors of yore, 10 points each.

This bluish, electrical discharge sometimes occurs above ships' masts in stormy weather.

ANSWER: St. Elmo's fire [accept St. Erasmus's fire]

This mirage, often seen in the Strait of Messina between Sicily and mainland Italy, was thought to be the work of Morgan le Fay.

ANSWER: Fata Morgana

This river nymph, perched combing her hair on a namesake rock along the Rhine, sang, luring sailors to their death when they crashed.

ANSWER: Lorelei [loh-ruh-LYE]

**10** A spring has a constant of 10 Newtons per meter. 10 points each.

Which law relates the force on the spring to its displacement?

ANSWER: Hooke's law

If you pull the spring back 10 centimeters, how much force has been applied to the spring?

ANSWER: 1 Newton [ $F = kx = 0.1 \text{ m} \times 10 \text{ N/m}$ ]

Hooke's law for springs is related to this ratio of the strain of a solid undergoing compression or extension in one dimension, over the stress exerted to cause the strain.

ANSWER: Young's modulus

**11** Given a TV sitcom, name the actors or actresses who portrayed the title characters, 5 points per answer.

*Ned and Stacey*

ANSWER: Thomas Haden **Church** and Debra **Messing**

*Mork and Mindy*

ANSWER: Robin **Williams** and Pam **Dawber**

*Joanie Loves Chachi*

ANSWER: Scott Vincent James **Baio** and Erin **Moran**

**12** Last year's remake of *Charlie's Angels* dropped the 70s sensibility of the original in favor of *The Matrix*-like action scenes. But do you remember the original angels? Five points per name, give the first and last names of the original three Charlie's Angels (characters, not actresses). *You have 5 seconds.*

ANSWER: **Kelley Garret**, **Jill Munroe**, and **Sabrina Ducan**

**13** Given some events in US history, place them in chronological order, 15 points per part.

(A) Prohibition is established, (B) slavery is abolished, (C) the income tax is instituted.

ANSWER: **B, A, C**

(D) Electoral votes are granted to Washington, DC; (E) a two-term limit is established for the Presidency; (F) poll taxes are banned.

ANSWER: **E, D, F**

**14** "Light of my life, fire of my loins. My sin, my soul." 10 points per part.

This line comes from the first paragraph of what novel?

ANSWER: **Lolita**

Five points each, give the *real* first and last names of this now-infamous 12-year-old temptress.

ANSWER: **Dolores Hayes**

In Adrian Lyne's 1997 remake of *Lolita*, who portrays Lolita?

ANSWER: Dominique **Swain**

**15** Answer these questions about Napster, 10 points each.

Which group is suing Napster on the grounds it facilitates massive copyright infringement?

ANSWER: **Recording Industry Association of America** or **RIAA**

Napster was founded by \_\_\_\_\_ and named after \_\_\_\_\_ what former Northwestern student?

ANSWER: Shawn **Fanning**

Which German media conglomerate agreed to acquire Napster?

ANSWER: **BMG** or **Bertelsmann** Media Group

**16** The results of the 2000 census are now available. 10 points each.

To the nearest million, how many people lived in the United States on April 1, 2000?

ANSWER: **281** million [official total: 281,421,906]

Every state gained in population, but this state, with just 0.5% growth since 1990, came in dead last.

ANSWER: **North Dakota**

On the other hand, this state saw the largest growth, with a 66% increase in population since 1990.

ANSWER: **Nevada**



**22** In order to be created, each WNBA franchise has been sponsored by an NBA franchise. Given the NBA team, name the WNBA team, 10 points each.

- |        |                               |
|--------|-------------------------------|
| Lakers | ANSWER: <b><u>Sparks</u></b>  |
| Knicks | ANSWER: <b><u>Liberty</u></b> |
| Pacers | ANSWER: <b><u>Fever</u></b>   |

**23** Given the sculpture, name the Greek sculptor, 10 points each.

- |  |                                  |
|--|----------------------------------|
| <i>Diskobolos</i>                      | ANSWER: <b><u>Myron</u></b>      |
| <i>Hermes with the Infant Dionysus</i> | ANSWER: <b><u>Praxiteles</u></b> |
| <i>Athena Lemnia</i>                   | ANSWER: <b><u>Phidias</u></b>    |

**24** Ten points each, name these things developed by *Seinfeld* characters that *aren't* Festivus ice cream.

Frank Costanza and Kramer developed this male foundation garment.

ANSWER: the **Bro** or the **Manssière** [MAN-sc er]

Morty Seinfeld developed a new kind of trenchcoat. Give its model name *or* its defining feature.

ANSWER: the **Executive** or **beltless** trenchcoat

For her first J. Peterman catalog cover, Elaine markets this oversized hat, a colossal flop that nevertheless, according to one street vendor, hurt umbrella sales.

ANSWER: **Urban Sombrero**

**25** Only one man was executed for war crimes after the Civil War. 10 points each.

Which Confederate captain, found guilty of murder and torture was sentenced to hang in 1865?

ANSWER: Henry **Wirz**

Wirz ran which POW camp for Union prisoners?

ANSWER: **Andersonville**

One of the military judges at the trial was which future territorial governor of New Mexico?

ANSWER: Lew **Wallace**

**26** Name these novels by Bernard Malamud for the stated number of points.

[5] Malamud's first novel deals with the rise and fall of aging baseball player Roy Hobbs.

ANSWER: *The **Natural***

[10] In this novel, a Russian Jewish handyman is falsely imprisoned for murder.

ANSWER: *The **Fixer***

[15] In this, Malamud's second novel, Frank Alpine comes to work for Morris Bober, a Jewish grocer.

ANSWER: *The **Assistant***

**27** Volcanic eruptions can completely alter the landscape of a region. 10 points each.

Traveling up to 100 miles per hour and reaching 1300 degrees Fahrenheit, these fluidized emulsions of gases and small volcanic particles often cause more damage than lava.

ANSWER: pyroclastic flows or nuée ardente

Thick lava can pile up over a vent rather than flowing outward, creating these landforms, one of which is forming in the explosion crater left by Mount St. Helens.

ANSWER: lava domes

A volcano may collapse to form one of these large depressions, an example of which is Crater Lake.

ANSWER: caldera

**28** Plants have feelings, too. Well, maybe not, but they *do* use hormones. Name these hormones, 10 points each.

These hormones are responsible for phototropism and geotropism, by controlling cell elongation.

ANSWER: auxins

This hormone is responsible for ripening of fruit.

ANSWER: ethylene or ethene

These growth *inhibitors* are related to such phenomena as the falling of leaves and the formation of potato tubers.

ANSWER: gibberellins

**29** Answer the following about *The Vicar of Wakefield*, 10 points each.

The title character, misfortune runs rampant over his family.

ANSWER: Dr. Charles Primrose or Charles

Primrose's children are kidnapped, his home burns down, and he is imprisoned for debt because of this not-so-nice squire's meddlings.

ANSWER: Squire Thornhill

*The Vicar of Wakefield* was written by what author of *She Stoops to Conquer*?

ANSWER: Oliver Goldsmith

**30** Given a player from the 2000 season of Major League Soccer, name his home country, 10 points each.

Miklos Molnar, Kansas City

ANSWER: Denmark

Peter Nowak, Chicago

ANSWER: Poland

Ante Razov of Chicago

ANSWER: US [accept equivalents]