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# PENN BOWL 10

A Buzzer Odyssey

Tossups by

## Cornell and Wichita State

# 13

**1** Elected president of the Genetics Society of America in 1944, this geneticist worked at the Cold Spring Harbor Laboratory for over thirty years. Only the third woman inducted into the National Academy of Sciences, much of her work was largely ignored. For 10 points--name this woman awarded the 1983 Nobel Prize in Medicine for her discovery in *Zea mays* of transposons, or "jumping genes."

ANSWER: Barbara McClintock

**2** The name's the same. An 1817 song with a theme later incorporated into another work. A common theme in medieval art, used in an 1893 Expressionist work with the female embracing the formerly fearsome male figure. A play in which a woman turns the tables on the doctor who had once tormented her. For 10 points--give the common title of an Ariel Dorfman play, an Edvard Munch painting, and *String Quartet No. 14* of Schubert.

ANSWER: Death and the Maiden

**3** In the introduction, the poet asks the Muses to speak of their father Zeus, who determines the lives of men. The poet turns to his subject, never explicitly stated, to teach his readers how to cope with a life full of problems and uncertainty. The poet then tells his brother, Perses, that there are two kinds of strife: pure hostility, which is bad, and competition, which is good. For 10 points--name this 8<sup>th</sup> century BC didactic epic by Hesiod.

ANSWER: Works and Days

**4** Tradition states that after meeting Alexander, a lion licked his body while he slept. Around 325 BC, he ascended the throne of Magadha; after Alexander's death, he conquered the Punjab, and named himself emperor. He subdued the rest of India with an army of 600,000 men and enjoyed one of the largest empires in Indian history. For 10 points--name this founder of the Maurya dynasty.

ANSWER: Chandragupta

**5** His *Music in 12 Parts* blends light, image, and sound into a hypnotic whole. His other works include *The Canyon* and *Itaipú*, inspired by a South American dam, as well as *The Fall of the House of Usher*, and *Hydrogen Jukebox*, a collaboration with Allen Ginsberg. For 10 points--name this New York minimalist composer who composed the soundtrack for *The Truman Show* and the opera *Einstein on the Beach*.

ANSWER: Philip Glass

**6** This river flows through mountainous canyons for most of its 630 miles. Coolidge Dam impounds water from it in eastern Arizona and this river also flows through the Casa Grande national monument. Arising in southwest New Mexico, it flows across Arizona before joining the Colorado River near Yuma. For 10 points--name this river which shares its name with a large, poisonous lizard.

ANSWER: Gila River

**7** The protagonist attempts to gain the titular woman's affections. He maintains a longstanding friendship with her paramour, even as he feels dirty when they start talking cute. He inquires where he might find a female of similar caliber, as she is unattainable, watching her boyfriend with her eyes, and very likely loving him with her body. For 10 points--name this song in which Rick Springfield wonders, "Why can't I find a woman like that?"

ANSWER: "Jessie's Girl"

**8** Born in Manhattan, Kansas, this war correspondent in Mexico from 1912 to 1916 and in Europe during World War I became a syndicated columnist for the Hearst papers. His short stories, mostly about romanticized underworld and Broadway characters, are noted for their use of slang and metaphor. For 10 points--name this American short story author whose best known work became the 1950 Broadway hit *Guys and Dolls*.

ANSWER: (Alfred) Damon Runyon

**9** When females have hemophilia, it is almost invariably because this process occurred "unfavorably." Normally taking place when an embryo has about 32 cells, one or more X chromosomes will undergo this process to form Barr bodies, which are inherited by all future daughter cells; it explains the formation of calico cats. For 10 points--name this process which sounds like it creates cats.

ANSWER: X-inactivation [prompt on "Barr body formation"]

**10** A mediocre student "of blond and pale complexion, but good appetite," he received a doctorate for his study of number theory, and joined the faculty at Göttingen in 1901, where he began writing the first of three volumes outlining his concept that direct investigation of the consciousness is the key to understanding existence. For 10 points--name this author of *Ideas Pertaining to a Pure Phenomenology*, the teacher of Martin Heidegger.

ANSWER: Edmund Husserl

**11** After he returned to Moscow in 1946, Stalin, resenting his prestige, demoted him. After Stalin's death, he was named first deputy minister of defense, though he was dismissed from that post in 1957 for placing military concerns over those of the party. For 10 points--name this Soviet military official who led Moscow's defense of Moscow and later led the final assault on Berlin in World War II.

ANSWER: Georgy Konstantinovich Zhukov [ZHOO-kov]

**12** After being appointed a special lecturer in moral science at St. John's College, Cambridge, in 1868, he began studying political economy, to which he later gave the name "economics." He first used the term "elasticity" in an economic sense, and developed the concept of marginal utility. For 10 points--name this British economist who wrote *Money, Credit, and Commerce*.

ANSWER: Alfred Marshall

**13** Its name means "Leave Luck to Heaven." This company has come under fire in the last two years despite leading its industry in software sales. Its flagship hardware product has been labeled a developer's nightmare because of limited amounts of texture cache and storage space. For 10 points--name this Kyoto-based company, which recently announced two new consoles, the Gamecube and Game Boy Advance.

ANSWER: Nintendo

**14** "Straight ahead and rest assured you can't be sure at all. So while you're here enjoy the view. Keep on doing what you do. So hold on tight, we'll muddle through...." So goes the theme from this sitcom about a newly divorced mother trying to start a new life with her two teenage daughters. For 10 points--name this 70s sitcom that featured Pat Harrington as an Indianapolis superintendent named Schneider.

ANSWER: One Day at a Time

**15** She broke a 25-year silence with a massive epic filled with magic and royalty entitled *Olvidado Rey Gudú*, which was markedly different from her earlier work. She wrote about children's feelings of isolation and betrayal in such novels as *Los Abel* and *Fiesta al Noroeste*. For 10 points--name this Spanish author of *Los Abel* [ah-BEL] whom Spain considers its next in line to win the Nobel Prize in Literature.

ANSWER: Ana Maria Matute

**16** There are two strains of this disease, known as "sylvatic" and "urban." The vomit typical of this disease, stained black with dried blood, gives it its Spanish name, *vomito negro*. Caused by flaviviruses, the "urban" variety is transmitted by the mosquito *Aedes aegypti* [AY-des ee-JIP-tee]. For 10 points--name this disease whose common nickname comes from the color of flags quarantined ships flew as warning.

ANSWER: yellow fever or yellow jack

**17** This contradictory god is often depicted with stoned eyes, as he drinks a concoction made from hemp. Associated with reproduction and fertility, his symbol is the phallus. He is depicted as dancing upon the broken back of a demon, with his third eye closed--but not blind--and his four arms swaying in rhythm. For 10 points--name this god of the Trimurti, husband of Kali and destroyer god of the Hindu faith.

ANSWER: Shiva

**18** It was passed to prevent employers from interfering in the organization of workers into unions, and prohibited employers from forming company unions and discriminating against or firing workers because they joined independent unions. It allowed for workers to have elections for which unions they wanted to represent them and formed the National Labor Relations Board to oversee this. For 10 points--name this act of Congress.

ANSWER: Wagner Act or National Labor Relations Act or NLRA [do not prompt on "NLRB"]

**19** His collaboration with French author Eugène Scribe [skreeb] resulted in *The Martyrs* and *Dom Sébastien*. The court composer to Ferdinand I for the last eight years of his life, he composed over thirty operas, and is well-known for the athletic soprano title role in *The Daughter of the Regiment*. For 10 points--name this composer best known for the comic opera *The Elixir of Love* and the tragic opera *Lucia di Lammermoor*.

ANSWER: Domenico Gaetano Maria Donizetti

**20** They originated from the winged human-headed bulls of Babylon that bear the same name. Usually depicted as having four wings, and the heads of a human, a lion, a bull, and an eagle, in Ezekiel they bear the throne and chariot of God. In Genesis, they guard the Garden of Eden, and are told never to let humans in once Adam and Eve were expelled. For 10 points--name these angels, second in line after seraphim.

ANSWER: cherubim or cherubs

**21** When the media complained he had too many ex-Edmonton Oilers on his team, he retorted, "What would you rather I do, get ex-Vancouver Canucks?" His acquisitions in the free agent market eventually brought his team success in 1994, but--for 10 points--who was fired as general manager of the New York Rangers, when his second attempt to revive the Rangers with high priced free agents failed miserably?

ANSWER: Neil Smith

**22** Readers may believe that Clara del Valle, who remains mute for nine years, and Alba, Clara's granddaughter both resemble the author, though the author has denied it. Clara marries Esteban Trueba and they move into a large house he built. The novel concentrates on the life of the family and its supernatural powers, which in the end can't save them from larger forces of reality. For 10 points--name this epic novel by Isabel Allende [ah-YEN-day].

ANSWER: *The House of the Spirits* or *La Casa de los Espíritus*

**23** Born in 1777, this Dutch physicist who first isolated pure aluminum, made his most famous discovery while performing a lab demonstration for his students: he discovered that a compass needle could be deflected by a nearby conducting wire. For 10 points--name this man, who demonstrated a link between electricity and magnetism, the namesake for the CGS unit of magnetic field strength.

ANSWER: Hans Christian Oersted

**24** The native Kikuyu peoples organized it, preaching violent resistance to British domination. Sabotages and assassinations followed in Kenya, but many more rebels were killed than Europeans. British efforts to put the militant Kikuyu in concentration camps failed as they still held on to their national beliefs, and Jomo Kenyatta was jailed as its leader. For 10 points--name this rebellion that spearheaded the movement for independence of Kenya.

ANSWER: Mau Mau Rebellion

**25** In 2000, this company announced plans to build a \$300 million chip facility in Shanghai, and signed a memorandum of understanding with NTT Comware to form an alliance to deliver information technology services in Japan. It also ordered *two* purchases of \$3.5 billion of its own stock. For 10 points--name this corporate giant, whose CEO is Lou Gerstner, which recently launched the X20 model of its Thinkpad.

ANSWER: International Business Machines, Inc.

**26** The Nobel Peace Committee called him "a spokesman for the conscience of mankind." His real passion was in cosmology and fundamental physics, though he is better known for his criticism of the Soviet regime and calls for intellectual freedom and preservation of human rights. For 10 points--name this physicist, who contributed more than anyone else to the military might of the USSR by inventing the Soviet hydrogen bomb.

ANSWER: Andrei Dmitriyevich Sakharov

**27** The news of the death by suicide of Septimus Warren Smith, a man left unhinged after World War I, intrudes on the party that culminates this novel. The stream-of-consciousness narrative represents the thoughts of the title character and her acquaintances and contacts on the day in which the novel takes place. For 10 points--name this 1925 novel about the wife of a British MP, written by Virginia Woolf.

ANSWER: Mrs. Dalloway

**28** When he was seven, his father died and left a fortune in trust for him. When he came of age, he prosecuted the trustees for trying to defraud him; his success in the trial, though limited, led him to write speeches for use in legal actions. Most of his major orations were directed against the threat of conquest of the Greek cities by Philip II. For 10 points--name this 4<sup>th</sup> century BC orator, the greatest orator of ancient Greece.

ANSWER: Demosthenes

**29** In 1906, he proposed a rule stating that the product of the molar conductivity and viscosity of a solution is approximately constant for the same ion in different solvents at constant temperature. For 10 points--name this Latvian-born chemist who discovered a namesake "inversion" that revolutionized the field of stereochemistry.

ANSWER: Paul Walden [VAHL-din]

**30** In 1996, he released his first record, *The Infinite EP*, out of the trunk of his car. It wasn't until his sophomore album, and his second place in the Coalition 1997 Rap Olympics that his career took off. Impressed by his amazing freestyling talent, he was signed to Dr. Dre's Aftermath label and has published two more albums. For 10 points--name this white rapper better known as the Real Slim Shady.

ANSWER: Eminem or Marshall Mathers

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**Cornell  
and Wichita State**

# 13

**1** Name these famous physicians, 10 points each.

This 17<sup>th</sup> century Italian anatomist and personal physician to Pope Innocent XII discovered capillary blood vessels.

ANSWER: Marcello **Malpighi**

In 1628, this physician to James I and Charles I published the first accurate account of circulation of the blood in the human body.

ANSWER: William **Harvey**

This French physician might be unknown today if he hadn't invented the stethoscope.

ANSWER: René Theophile Hyacinthe **Laënnec** [lay-NEK]

**2** Name these American third parties, for the stated number of points.

[10] This agrarian party won 22 electoral votes in 1892, and preached parity for agricultural goods and the unlimited coinage of silver.

ANSWER: **Populist** Party

[5] This party advocated "free speech, free labor, and free men" as well as the banning of slavery in all US territories. They nominated Martin Van Buren for President in 1848.

ANSWER: **Free Soil** Party

[15] This predecessor of the Free Soil Party hoped that raising the slavery issue would facilitate the abolition of slavery. Its 1844 Presidential nominee was James G. Birney.

ANSWER: **Liberty** Party

**3** Given the poem or poems, name the American poet, 10 points each.

"I Heard a Fly Buzz When I Died"

ANSWER: Emily **Dickinson**

"General William Booth Enters into Heaven"

ANSWER: (Nicholas) Vachel **Lindsay**

"Helen", "Fragment Sixty-Eight"

ANSWER: **HD** or **Hilda Doolittle**

**4** Name these biologists, 15 points each.

Considered a founder of modern embryology, this Estonian biologist discovered the notochord and the mammalian egg in the ovary.

ANSWER: Karl Ernst, Ritter von **Baer**, Edler von Huthorn

This English biologist gave up his own biological research to become an influential science publicist and was the principal exponent in England of Charles Darwin's theory of evolution.

ANSWER: **Thomas Henry Huxley**

**5** Name these animals involved in the tasks of Hercules, 15 points each.

Hercules had to slay these marsh-dwelling birds, beloved by the god Ares, which had wreaked havoc upon Greek farmland with their poisonous excrement.

ANSWER: The **Stymphalian** birds

Hercules captured this wild stag, with brass hooves and golden horns, alive, by shooting an arrow that flew precisely through bone and sinew, pinning the animal's two forelegs together.

ANSWER: **Arcadian** stag or **Ceryneian** hind

**6** Answer these questions about a recent legal action by the MPAA, 10 points per part.

What "hacker quarterly" is the MPAA suing for posting the source code to a program to allow Linux machines to play DVD movies?

ANSWER: **2600**

What is this program at the center of the lawsuit?

ANSWER: **DeCSS**

The title 2600 refers to a physical quantity, well-known in the hacker community, measured in what units?

ANSWER: **Hertz** or **Hz** [do not accept with prefixes]

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

[30] His students accompanied Captain Cook on his voyages, and others such as Sparrman, Thunberg, Gmelin, and Falk spread his influence across the globe.

[20] In 1745 this Swedish scientist proposed to reverse the temperature scale used by Anders Celsius, to put the freezing point of water at 0 and the boiling point at 100.

[10] This botanist introduced the modern taxonomical nomenclature system.

ANSWER: Carolus **Linnaeus** or Carl von **Linne**

**8** Given a list of monarchs, name the house or dynasty to which they belonged, 10 points each.

Louis VIII, Philip V, Charles IV

ANSWER: **Capetian**

George III, William IV, Victoria

ANSWER: **Hanover**

Philip V, Charles IV, Ferdinand VII

ANSWER: **Bourbon**

**9** For only the fourth time in the history of Major League Baseball, a pitcher-catcher tandem have won Gold Gloves. 10 points each.

This Texas Rangers catcher spent the last two months on the DL with a broken thumb, but won the AL Gold Glove for the ninth straight year.

ANSWER: Ivan **Rodriguez** or **Pudge**

This curveballer went only 13-13 last season, but tied a club record by turning six double plays and led the AL with nine pickoffs.

ANSWER: Kenny **Rogers**

This Oriole had won Gold Gloves four years running before Rogers ended his streak.

ANSWER: Mike **Mussina**

**10** 30-20-10. Name the language.

- [30] There is a modern standard language of this family spoken by close to 10 million indigenous people in Peru and 2 million in Bolivia, as well as smaller populations in Ecuador and Argentina.
- [20] It encompasses far more native speakers than any other aboriginal language group in the Americas.
- [10] This language of the Incas became the administrative and commercial tongue from northern Ecuador to central Chile.

ANSWER: Quechua

**11** Name these works by British composers, 10 points each.

This Benjamin Britten work for children is subtitled *Variations and Fugue on a Theme of Purcell* [pur-SELL].

ANSWER: The Young Person's Guide to the Orchestra, Op. 34

Frederick Delius [DEE-lee-us] composed this "English rhapsody" based on a tune whose lyrics begin "It was on the fifth of August, the weather hot and fair."

ANSWER: Brigg Fair

This Ralph [rafe] Vaughan Williams work for solo violin and orchestra is based on a poem of the same title by George Meredith.

ANSWER: The Lark Ascending

**12** 30-20-10. Name the philosopher from works.

- [30] *Critique of Dialectical Reason*
- [20] *The Roads of Liberty*
- [10] *Being and Nothingness, Dirty Hands*

ANSWER: Jean-Paul Sartre

**13** The Treaty of Paris left the border between part of the US and Canada in question, leading to the arrest of trespassers. 10 points each.

Name this bloodless conflict of 1838 and 1839.

ANSWER: Aroostook War

What treaty resolved the Aroostook War by setting a definite boundary between the US and Canada?

ANSWER: Webster-Ashburton Treaty

Name the state and the Canadian province involved in the conflict, all or nothing.

ANSWER: Maine and New Brunswick

**14** Name the authors of these similarly titled works, 10 points each.

*The True Apparition of One Mrs. Veal* ANSWER: Daniel Defoe

*Miss Lonelyhearts* ANSWER: Nathanael West or Nathanael Wallenstein Weinstein

*Mrs. Warren's Profession* ANSWER: George Bernard Shaw

**15** Given the spacecraft, name the planet they both visited, for the stated number of points.

[5] *Viking, Pathfinder* ANSWER: Mars

[10] *Magellan, Pioneer 1* ANSWER: Venus

[15] *Pioneer 11, Voyager 1* ANSWER: Saturn

**16** Name these films starring Liam Neeson, 10 points each.

Liam's major film debut was this 1981 John Boorman film starring Gabriel Byrne and Patrick Stewart.

ANSWER: Excalibur

This 1984 film updated the story of the 1935 Oscar winner for Best Picture. Liam's costars included Mel Gibson, Anthony Hopkins, and Laurence Olivier.

ANSWER: The Bounty [do not accept "Mutiny on the Bounty"]

Also starring Robert De Niro and Jeremy Irons, this 1986 historical drama is set in the jungles of Brazil.

ANSWER: The Mission

**17** Name these people related to the Physiocrats, 10 points each.

This Frenchman, physician to Louis XV, is considered the founder of the Physiocratic school.

ANSWER: François Quesnay

This Scottish economist and author of *The Wealth of Nations* was greatly influenced by the Physiocrats.

ANSWER: Adam Smith

After decades of financial mismanagement, in 1774 Louis XVI appointed this man Finance Minister. His hurried attempts to institute a free market, and France's enormous debt, led to his failure.

ANSWER: Anne Robert Jacques Turgot

**18** Name these pairs of characters from Shakespeare, 5 for one, 15 for both.

The Two Gentlemen of Verona

ANSWER: Proteus and Valentine

The Two Noble Kinsmen

ANSWER: Arcite and Palamon

**19** Name these fictional detectives from a brief bio, 10 points each.

A New York agoraphobic who rarely leaves his brown stone, assisted by Archie Goodwin.

ANSWER: Nero Wolfe or Nero

Ex lead singer of the "Texas Jewboys", aided by his friends the Village Irregulars.

ANSWER: Kinky Friedman or Kinky or The Kinkster or The Kinkstah

A South Florida beach bum and scavenger who lives in a poker-prize houseboat, *Busted Flush*.

ANSWER: Travis McGee or Travis

**20** "Prudence, indeed, will dictate that governments long established, should not be changed for light and transient causes. . . . But, when a long train of abuses and usurpations. . . . it is the people's duty to throw off such government." For the stated number of points.

[5] What famous American plagiarized these words for the Declaration of Independence?

ANSWER: Thomas Jefferson

[10] Jefferson plagiarized which English writer?

ANSWER: John Locke

[15] From what John Locke work did Jefferson lift these lines?

ANSWER: Second Treatise on Government

**21** 30-20-10. Name the gemstone.

[30] The oldest known mines for this gem are at Sarabit el Khadem [SAH-ra-bit el KHA-dem] in Sinai, while the most highly prized specimens come from mountains near Nishapur, Iran.

[20] A hydrated copper aluminum phosphate, it is usually found in tricyclic crystals, has a hardness of 5 to 6, and is opaque with waxy luster.

[10] Important to Native Americans in the Southwest, its name probably comes from the country through which it was introduced to Europe.

ANSWER: turquoise

**22** Name these West African empires, 10 points each.

The first of the great medieval African trade empires, this Soninke [so-NEEN-kuh] kingdom was largely destroyed by the Almoravid invasion in 1076.

ANSWER: Ghana

In 1240, Ghana's capital was destroyed by Sundiata, who established this empire, whose rulers included Mansa Musa.

ANSWER: Mali

It became independent during Mali's decline. Flourishing in the 1400s and 1500s, its capital was established at Gao. Timbuktu flourished during its time in power.

ANSWER: Songhay

**23** Given the airline, flight number, and destination, name the large city near which these flights crashed upon takeoff, 10 points each.

Singapore Airlines flight 006 to Los Angeles

ANSWER: Taipei, Taiwan

Air France flight AF4590 to New York

ANSWER: Paris, France

Kenya Airways flight 431 to Lagos, Nigeria

ANSWER: Abidjan, Côte d'Ivoire

**24** Given a lyric, give the next line, 10 points each.

"Tell her to make me a Cambric shirt &"

ANSWER: "Parsley, sage, rosemary, and thyme"

"Ain't no doubt about it we were doubly blessed..."

ANSWER: "Cause we were barely seventeen and we were barely dressed."

"...and the old men playing Chinese Checkers by the tree..."

ANSWER: "MacArthur Park is melting in the dark..."

**25** Name these terms dealing with eucaryotic genetics, 10 points each.

This is the term for non-expressed genetic material in a chromosome

ANSWER: introns [prompt on "junk (DNA)"]

These are genes inherited together because they are on the same chromosome.

ANSWER: linked genes or linkage

These are non-protein coding operator regions and their adjacent gene clusters.

ANSWER: operons

**26** Name these French artists from works, 10 points each.

[10] *Coronation of Josephine, Oath of the Horatii*

ANSWER: Jacques Louis **David** [DAH-veed]

[10] *A Young Girl Reading, Diana and Endymion, A Visit to the Nursery, The Love Letter*

ANSWER: Jean Honoré **Fragonard** [fra-goh-NAR]

[10] *Massacres of Chios, Algerian Women in their Harem*

ANSWER: Eugène **Delacroix**

**27** Answer these questions about Austrian psychologist Alfred Adler, 10 points each.

What university granted Adler his MD in 1895?

ANSWER: University of **Vienna**

What phrase did Adler coin to describe the rise of neurotic behavior from feelings of inadequacy caused by, for example, being a youngest child?

ANSWER: **inferiority** complex or feeling

In 1927, Adler took his first academic post in the US as a visiting professor at what Ivy League school?

ANSWER: **Columbia** University

**28** Given the real-life personality from the Scopes Monkey trial, name the character representing him in *Inherit the Wind*, 10 points each.

Clarence Darrow

ANSWER: Henry **Drummond** or **Henry**

William Jennings Bryan

ANSWER: Mathew **Brady** or **Matthew**

H.L. Mencken

ANSWER: E.K. **Hornbeck** or **E.K.**

**29** Name the capitals of these former Soviet states, for the stated number of points.

[5] Lithuania

ANSWER: **Vilnius** or **Vilnyus** or **Vilna**

[10] Armenia

ANSWER: **Yerevan** or **Erevan** or **Erevin** or **Jerevan**

[15] Moldova

ANSWER: **Chisinau** or **Kishinyov** or **Kishinev**

**30** Name these popes, 15 points each.

This successor to St. Peter reigned from about 67 to 79 AD, though little is known about his reign beyond a decree that had women keep their heads covered in church.

ANSWER: St. **Linus**

This pope opened 23 Jesuit seminaries around Europe in response to the Reformation. Reigning from 1572 to 1585, he is best known for his papal bull *Inter Gravissimas*, establishing a system now named for him.

ANSWER: **Gregory XIII** or Ugo **Buoncampagni**