

Illinois On Beyond Zebra Round 5
Tossups by Chicago Lord Palmerston

1. It was established in 1968 by Walter J. Turnbull, then a doctoral student at the Manhattan School of Music, and it has a school at East 127th street, two streets north of the Main Stem. For 10 points, name this organization, whose top 35 members tour, which fosters creativity in male children from northern Manhattan.

Answer: The Boys Choir of Harlem

2. It is a vector in the dual space of the Hilbert space of kets. When concatenated with "ket" it forms a word that describes the usual typographic symbol for the inner product. For ten points, what three-letter word outside quantum mechanics refers to a piece of women's apparel.

Answer: bra

3. His classmate Wells shoved him into a cesspool, resulting in his lifelong dislike of water. Yet later he would represent his island nation, and would look forward to "forging in the smithy of [his] soul the uncreated conscience of [his] race". For 10 points, name this literary character who on June 16, 1904, met Leopold Bloom in James Joyce's *Ulysses*.

Answer: Stephen Daedalus

4. She also wrote *For the New Intellectual*, *Philosophy: Who Needs It*, *The Voice of Reason*, *The Virtue of Selfishness*, and *The Romantic Manifesto*. But--for 10 points--what philosopher also wrote the fiction works *Anthem*, *Night of January 16th*, *We the Living*, *Atlas Shrugged*, and *The Fountainhead*?

Answer: Ayn Rand

5. The reciprocal of this quantity is defined as a constant times the derivative of the number of states of a system with respect to the energy of the system. It is equal in two systems that are in thermal equilibrium. For 10 points, name this quantity, named from the Latin word meaning "to mix," commonly measured with a closed tube filled with mercury.

Answer: temperature

6. Written in 3 nights in a Boston hotel room, and inspired by a 1934 strike, it is told in a series of six vignettes, using an impressionistic flashback technique, while the title action goes on before there can be a vote for a taxicab strike. News that the title character has been murdered causes decisive action. For 10 points, name this 1935 play by Clifford Odets.

Answer: Waiting for Lefty

7. He appeared some of the films in Andrzej Wajda's (ahn-DZEH VAY-duhz) '*A Generation*', before studying at the Lodz Film School. His feature debut '*Knife in the Water*' was the first Polish post-war film not associated with the war. For 10 points, name this director of "*Repulsion*," "*Cul-de-sac*," "*Chinatown*," and "*Rosemary's Baby*."

Answer: Roman Polanski

8. He taught at the University of Graz and at Bonn before emigrating and joining the Harvard faculty. He combined history, philosophy, and economics in his "*History of Economic Analysis*"; and he combined political science, sociology, and economics in his "*Capitalism, Socialism Democracy*." For 10 points, name this Austrian-American scholar who also combined history, theory, and ethics in his "*Business Cycles*."

Answer: Joseph Alois Schumpeter

9. It was Captain Edward Preble's flagship during the war with Tripoli. It captured the Java off Brazil in December of 1812. A 44-gun frigate with a lifetime record of 42-0, it was nearly destroyed earlier that year when, commanded by Capt. Isaac Hull, it claimed victory over the "Guerriere." For 10 points, name this oldest commissioned warship afloat, which this year sailed under its own power for the first time since 1881, lionized in the Holmes poem Old Ironsides.

Answer: U.S.S. Constitution or Old Ironsides if early

10. In mammals, this reaction occurs when the enzyme GalTase contacts a ZP3 glycoprotein of the zona pellucida. In sea urchins, it occurs when the membrane of the sperm contacts the jelly coat surrounding the egg. For 10 points, name the reaction essential to fertilization, named after the membrane-enclosed enzyme-filled capsule at the tip of the sperm.

Answer: acrosomal reaction or acrosomes or equivalents

11. The air ducts are blue because blue represents the sky. The electrical conduits are yellow because the sun is the fundamental source of energy. Designed by Renzo Piano and Richard Rogers, it was completed in 1977. For 10 points, name this building which houses France's modern art museum, named after a 1970's French president.

Answer: Centre Pompidou or the Pompidou Center or Centre National D'Art et de Culture Georges Pompidou or Georges Pompidou National Art and Cultural Centre (accept Beauborg before last sentence is read)

12. His army rejection led to a successful entry in Operation: Rebirth, in which Vita-Rays and a Super-Soldier Serum turned him into a World War II hero. After emerging from suspended animation, he became a founding member of the Avengers. For 10 points, name this Marvel comic book hero, foe of Baron Blood, Captain Zemo, and the Red Skull, and bearer of the red, white, and blue.

Answer: Captain America or Steve Rogers

13. At one New Year's feast, the second character offers a challenge to anyone in Arthur's court, and the first accepts. Failing to hack off the others head, the Knight of Courtesy must spend the next year looking for him. Finally coming upon his castle, the searcher is tempted by the challenger's wife and her idolatrous gifts. For ten points, identify this epic by the Pearl poet.

Answer: Gawain and the Green Knight

14. Settled by the Aeolians around 1000 BC, it is separated from the Asia Minor coast by the Muselim and the Mitilini channels, and it is also the name of the Greek department whose capital is Mytelene. For 10 points, name this triangle-shaped island, the third largest island in the Aegean sea, home to the poets Terpander, Alcaeus, and Sappho.

Answer: Lesbos or Lsvos or Mitilni

15. Francois, disguised as a monk, sneaked into a fortress, let in his own soldiers, and took it over. In 1793 his family was dispossessed, but reinstated in 1814, establishing a dynasty that would include an oceanographer, Albert, and prince, Rainier III. For 10 points, name this family of Genoa which in the 15th century became lords of Monaco.

Answer: Grimaldis (accept Principality of Monaco or Principaut de Monaco before "family")

16. In biology, it refers to the exchange of genetic information between two bacteria. In chemistry, it refers to a molecule having a p-orbital on an atom adjacent to a double bond. In mathematics, it denotes the reflection of a complex number through the real axis. For 10 points, what term also refers to changing the ending of a verb to reflect the subject's person and number?

answer: conjugate or equivalents (e.g., conjugated, conjugation, etc.)

17. A textile engineering major at North Carolina State, he was as an assistant in the 101st airborne division in the Gulf War, before becoming Commanding General of the XVIII (18th) Airborne Corps and of Fort Bragg. For 10 points, name this head the Special Operations Command, chosen in 1997 to become chair of the Joint Chiefs.

Answer: General Henry H. Shelton

18. Different members of it worship different loas, or ioas, and adherents believe that the soul comprises both a gros bon ange or "big guardian angel", and a ti bon ange or "little guardian angel". For 10 points, name this faith, probably from a Dahomey word for "spirit," the national religion in Haiti.

Answer: Voodoo or Vodun or Vodou(n) or Voudou(n) or Hoodoo or Sevi Lwa

19. With Tim McCarver and Joe Hoerner, he was "traded" for Richie Allen, Cookie Rojas, and Jerry Johnson, though he would later be ~~defended~~ by UN Ambassador Arthur J. Goldberg before Judge Irving Ben Cooper. For 10 points, name this outfielder and third baseman who wanted to stay in St. Louis, thereby ending the reserve clause and pioneering free agency. *represented*

Answer: Curt Flood

20. They were responsible for the murders of Pertinax, Elagabalus, and Balbinus; the lynching of the killers of Domitian, and the rise of Claudius. They began as a corps of nine cohorts, whose prefect was Lucius Aelius Sejanus. For 10 points, name these troops of the Roman emperors who served as Roman generals' bodyguards.

Answer: Praetorian Guard or Cohors Praetoria

21. According to author Alain de Botton, it can even be read as a self-help book. A turning point in its development was when the taste of tea and a rusk biscuit jogged the author's memory. For ten points, name this seven-volume epoch, the first volume of which is "Swann's Way", written by Marcel Proust.

Answer: Remembrance of Things Past or A la recherche du temps perdu

22. Edmund Barton, Alfred Deakin three times, Andrew Fisher twice, William Morris Hughes twice, Robert Gordon Menzies three times, John Grey Gorton, Gough Whitlam, and Malcolm Fraser, have all held--for 10 points--what governmental position also held by Robert Hawke and Paul Keating?

Answer: prime ministers of Australia or equivalents (prompt on partial answer)

23. In 1973, *Any Woman Can't*; in 1977, *Uncommon Women and Others*; in 1984, *Isn't It Romantic?*; in 1993 *The Sister's Rosensweig*; in 1997 *An American Daughter*. All these are plays written--for 10 points--by what American playwright, who in 1988 first showed the Pulitzer-prize winning *Heidi Chronicles*?

Answer: Wendy Wasserstein

24. His anti-Semitic reputation was the subject of a 1923 Billy Rose song. He is afforded god-like status in a classic dystopia. He built the "999" racer driven by Barney Oldfield, and by 1896 had completed his first horseless carriage, the "Quadricycle." For 10 points, who in October 1908 said "I will build a motor car for the great multitude," in announcing the birth of the Model T?

Answer: Henry Ford (do not accept or prompt on: Henry Ford II)

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Bonuses

1. Identify the author, 30-20-10.

- a. His first novel, "*Grimus*," was published in 1975 while he worked as an advertising copywriter.
- b. He won the Booker prize in 1981, and in 1993 was judged the best novel to have won the Booker prize in the twenty-five year history of the Booker Prize; the book was "*Midnight's Children*";
- c. His third novel was "*The Satanic Verses*."

Answer: Ahmed Salman Rushdie

2. Identify these geography chains for ten points each.

A. The capital of Haiti and the smallest of the Canadian provinces.

Answer: Port-au-Prince Edward Island

B. An island north of Australia half of which is the Indonesian province of Irian Jaya and the other half of which is a separate country; and a nation in west Africa directly south of Senegal which contains the Bijagos archipelago.

Answer: New Guinea Bissau

C. An inlet of the Tasman sea into New South Wales, Australia; and a portion of the Indian Ocean bordered by India, Sri Lanka, Bangladesh, and Myanmar.

Answer: Botany Bay of Bengal

3. Now, a physics bonus.

a. For 10 points, what branch of physics deals with systems that are too large to treat with the methods of Newtonian mechanics but too small to treat with the methods of statistical mechanics?

Answer: mesoscopic physics

b. To study epilepsy, some doctors use SQUIDS in a technique called magnetoencephalography. For 5 points per word, what four words make up the acronym SQUID?

Answer: Superconducting QUantum Interference Device (or Detector)

4. On a 10-5 basis, name these Popes.

a. 10 -- He founded the University of Rome and issued the 1296 bull Clericis Laicos barring taxes on ecclesiastical property.

5 -- In 1302 he asserted temporal authority over all other rulers in the bull Unam Sanctum.

Answer: Boniface VIII

b. 10 -- The details of his life are primarily known through three reports contained in the letters of his rival, Bishop St. Cyprian of Carthage.

5 -- Reigning from 254 to 257, he shares the name of the first martyr of the Christian faith.

Answer: Saint Stephen I

c. 10 -- In response to a certain missile crisis, he wrote the encyclical *Pacem in Terris*.

5 -- In 1962, he would summon an ecumenical council, and was the first pope to bear his name in over 600 years.

Answer: John XXIII or Angelo Giuseppe Roncalli

5. For 10 points each, name these legal codes.

a. Comprising legal decisions that were inscribed on a diorite stela, it is the most complete and perfect extant collection of Babylonian laws.

Answer: Code of Hammurabi or Hammurapi

b. Four books-the Codex Constitutionum, the Digesta, Institutiones, and Novellae Constitutiones Post Codicem-comprise this Roman Law code.

Answer: Code of Justinian or Justinian Code or Body of Civil Law or Codex Justinianus or Corpus Juris Civilis

c. An attempt at codifying ancient Roman laws, it was adopted widely during the nineteenth century, and named after a notable French Emperor.

Answer: Napoleonic Code or Code Napoleon

6. He vowed never to write for the stage after the Alexandrinsky Theater in St. Petersburg performed his first full length drama. Fortunately, he broke his vow. For 10 points each, name this 1896 play, its author, and the protagonist who searches for his identity through his writing.

Answer: The Seagull, Anton Pavlovich Chekhov, Konstantin or Constantine

7. Identify the corporate icon, 30-20-10.

a. The name came out of a 1921 contest which gave away pin-cushions. A official signature on the pin-cushions was needed and this name was chosen.

b. An 8th portrait was released in March 1996, which combined the 1986 version with photos of 75 different women.

c. Her name appears on a trademark red spoon in various General Mills products.

Answer: Betty Crocker

8. Chinese leaders Chi-hsui and Hsu Cheng-yu were publicly beheaded. They were both members of an offshoot of the Eight Trigrams Society called I-ho ch'an. For 10 points each:

a. What Chinese rebellion was fomented by these "Righteous and Harmonious Fists"?

Answer: Boxer Rebellion

b. In what year did the Boxer Rebellion take place?

Answer: 1900

c. What Chinese dowager empress ruled China during the Boxer Rebellion?

Answer: Tz'u-hsi

9. For ten points each, name these items commonly found in organic chemistry labs.

- a. It's a double-walled tube, with cold water flowing from one end to the other in the space between the two walls.

Answer: condenser

- b. It's a glass vessel, wide at the base and narrow at the mouth, with a second mouth extending horizontally from a point near the top.

Answer: vacuum flask

- c. It's a funnel that has in it a horizontal surface containing many small holes. The horizontal surface is generally covered with filter paper, and the apparatus is placed on a vacuum flask.

Answer: Buchner funnel

10. Name these twentieth century artists, 5-10-15.

- a. Logic and compulsion came together in his 1954 work "Flag."

Answer: Jasper Johns

- b. This Abstract Expressionist came to the United States in 1926 as a stowaway. He painted women, including those in his series "Woman I-VI".

Answer: Willem de Kooning

- c. His pseudonym came from both Achilles and the name of a Russian author. Called both the last of the great Surrealists and the first of the Abstract Expressionists, he made the 1944 "The Liver is the Cock's Comb."

Answer: Arshile Gorky or Vosdanik Adoian

11. Identify the contemporary historic American, 30-20-10.

- a. President of the Center for the Study of Popular Culture, he writes for the magazine Heterodoxy.

- b. After getting a master's degree from Berkeley, he compiled "The Free World Colossus," and edited Ramparts magazine.

- c. This New Left leader and Chicago 7 member is author of the 1997 autobiography, Radical Son.

Answer: David Horowitz

12. For 15 points each, identify these romanization systems for written Chinese.

- a. First appearing in the 1912 Chinese-English Dictionary, it is named for the two Cambridge scholars who devised it.

Answer: Wade-Giles (after Sir Thomas Francis Wade and Herbert Allen Giles)

- b. This system is based on the pronunciation of the Peking dialect of Mandarin Chinese.

Answer: Pinyin or Pin-Yin or Chinese Phonetic Alphabet of Hanyu Pinyin Wenzi or Chinese-language combining-sounds alphabet

13. He caught the army of Margaret of Anjou against the Severn River, setting up a May 1471 battle. For 10 points each, name:

- a. this pivotal battle within the Wars of the Roses

Answer: battle of Tewksbury

b. the then-king and member of the House of York who fought in the battle of Tewksbury.

Answer: King Edward IV or

c. the house that was the rival to the house of York in the Wars of the Roses

Answer: House of Lancaster

14. In this short story, Harry Street, a writer, goes on a safari in Africa with a wealthy woman who has been keeping him. There he goes to "work the fat off his mind" so that he can set to work on all the things he has dreamed of writing. This dream is shattered when he develops gangrene in his leg and consequently dies. For 10 points each, name this short story, its author, and the actor who played Harry Street in the 1952 film version of the story.

Answer: The Snows of Kilimanjaro, Ernest Hemingway, (Eldred) Gregory Peck

15. Test your knowledge of Lewis Carroll's Jabberwocky. Given the adjective, provide the noun it describes for five points each.

A. vorpal

answer: sword

B. tulgey

answer: wood

C. frabjous

answer: day

D. mimsy

answer: borogroves

E. beamish

Answer: boy

F. uffish

Answer: thought

16. Three knights from Arthurian legend see the Holy Grail, either in visions or in person. For 10 points each, name:

a. This knight, generally considered the wisest of the Knights of the Round Table, who died a few days after the Grail was found.

Answer: Sir Bors (de Ganis)

b. The most innocent of the Knights of the Round Table, who lost his purity because of succumbing to Morgan Le Fay.

Answer: Sir Percival or Sir Parsifal

c. The son of Lancelot and Elaine, who alone filled the Seige Perilous, and who finds the Grail, heals the the Fisher King, and brings health back to the land.

Answer: Sir Galahad

17. The city of Rome dimmed the lights and shut off the water in the Trevi fountain the day after he died in December 1996, in honor of the scene in a movie where he and Anita Ekberg go to the Trevi for a midnight splash. For 10 points each, name this esteemed late Italian actor, the 1960 movie where that scene took place, and the Italian director of that film.

Answer: Marcello Mastroianni, La Dolce Vita or The Sweet Life, Federico Fellini

18. Answer the following about developmental biology for ten points each.

a. Frogs of this genus, which include the African clawed frog, have become valuable in part because of their large, easy-to-handle eggs.

Answer: Xenopus

b. In recent years, these aquatic organisms have grown in importance to those studying development, in part due to their clear, large embryos. They bear lengthwise blue and yellow stripes, as their name might suggest.

Answer: zebrafish, or Danio rerio

c. This German, the 1935 Nobel Prize winner in physiology or medicine, discovered that the placement of the dorsal blastopore lip determines the organization of the rest of the developing embryo.

Answer: Hans Spemann

19. The 1997 funeral of Mother Teresa was attended by at least three royal representatives. For 10 points each, what country was represented by each of these queens:

a. Queen Fabiola

Answer: Kingdom of Belgium or Koninkrijk Belgi or Royaume de Belgique

b. Queen Sofia

Answer: Kingdom of Spain or Reino de Espana

c. Queen Noor

Answer: Hashemite Kingdom of Jordan or Al-Urdun or Al-Mamlakah al-urdenniyah al-hashimiyah

21. The peace of Berlin was signed in 1850, and ended a three-year-long war between two great European powers. For 10 points each, name these two powers, and name the most northwesterly Land where the treaty was signed.

answer: Prussia or Preussen, or Prusy, Kingdom of Denmark, or Kongarikdh Danmark, or Kongeriget Danmark, or Danmarkip
Nlagauvfia, Schleswig-Holstein

22. The 1997 version got sued, because if it was staged on an artificial San Diego peninsula, populations of the California leach tern and Western Snowy Plover could be adversely affected. For 10 points each, name this urban variety of the Olympic games, the cable-sports network that created it, and the pro-bird organization that did the suing.

answer: The X-Games, Entertainment and Sports Programming Network (ESPN), The John James Audubon Society

23. Answer these questions on Russian composers, ten points each.

a. This nationalist composer of the 19th century was also a scientist notable for his research on aldehydes. Act II of his operatic masterpiece Prince Igor contains the often-played "Polovtsian Dances."

Answer: Aleksandr Porfiryevich Borodin

b. He made a number of appearances as a concert pianist, composed an Overture on Russian Themes and music to King Lear.

Answer: Mily Alekseyevich Balakirev

c. Name the group that these two composers belonged to, along with Cesar Cui, Modest Mussorgsky, and Nikolay Rimsky-Korsakov.

Answer: the Five or the Mighty Five or the Russian Five or the Mighty Group or Moguchaya Kuchka

24. The variability of the prototype star was discovered by John Goodricke in 1784, and they have since been found to fall within two distinct classes. For 10 points each, tell me the following:

b. What is this type of class of variable stars, whose periods of variation tend to be proportional to their luminosity?

Answer: Cepheid variables

b. Name that prototype star, found in the constellation Cepheus

Answer: Delta Cephei

c. As the radiation from the atmosphere of a Cepheid variable streams out, what element is ionized in the atmosphere of the star to making the atmosphere appear more opaque?

Answer: helium or He

25. My Life As a Man, The Ghost Writer, The Anatomy Lesson, and The Counterlife, are four of the five novels in a series by the author of "Goodbye, Columbus" and "Operation Shylock." For 15 points each, name this author and the character who appears in these four books.

Answer: Philip Roth, Nathan Zuckerman

26. The Missionary Party asked for her abdication, while she encouraged the Oni Pa'a, or Stand Firm, movement. In the end, she lost her throne. For 10 points per answer, name:

a. This first president of the republic of Hawaii, and first governor of the territory of Hawaii.

Answer: Sanford B(allard) Dole

b. The last Hawaiian sovereign, and Hawaii's only queen.

Answer: Queen Liliuokalani or Lydia Kamakaeha or Lydia Paki Liliuokalani or Liliu Kamahaeha

c. The year in which Queen Liliuokalani abdicated.

Answer: 1898