

2001 Chicago Open
Playoffs Round 2
Tossups by Subash Maddipoti

1. During his climactic journey, the title character of this work runs across old Jeff throwing dice, despite the fact that he had killed the old man with a razor some time back. Later in the night he is tormented by the Little Formless Fears and finally exhausts himself, lying in a state where he is killed by Lem's men. He had initially fled due to a warning by the white trader Smithers that the locals were gathering in the hills. FTP, name this work about a former Pullman car porter who is killed by a silver bullet on the Caribbean island he briefly ruled, a play by Eugene O'Neill.

Answer: Emperor Jones

2. Near the end of his life he moved to the Huntington Library in California, where he remained as a senior research associate until his death. While at Harvard, he trained many men in his field including Herbert Bolt, Frederick Merk, and Carl Becker. Later on he would pass up an opportunity to attend Buffalo Bill's Wild West Show so that he could finish his major work. FTP, name this man who strengthened the history department at the University of Wisconsin and famously set forth, in his *The Significance of Sections in American History*, the so-called "frontier thesis."

Answer: Frederick Jackson Turner

3. On the right side of this equation is an expression representing the natural log of all the chemical activities of the reduced species divided by the chemical activities of all the oxidized species. This value is multiplied by the ideal gas constant, R, times temperature, T, divided by the charge number, z, times Faraday's constant, F, all of which results in E naught. FTP, identify this equation that links the reversible potential of an electrode to the standard reversible potential of the electrode couple, an equation named for the German formulator of the First Law of Thermodynamics.

Answer: Nernst equation

4. In an episode of *Celebrity Deathmatch* he took on William Shakespeare and another notable credit was his role as the voice of Reptar Wagon in *The Rugrats Movie*. His solo debut "Woo Hah! Got You All in Check" followed his departure from The Leaders of the New School and his career has skyrocketed since. FTP, name this rapper who plays an older brother in *Finding Forrester*, has hit singles like "Put Your Hands Where My Eyes Could See" and "Fire," and is known for his trademark dreads.

Answer: Busta Rhymes

5. This novel's hero is friends with and assisted by both Jan Coggan and Cainy Ball. Following the dismissal of Pennyways for stealing grain, the protagonist is elevated to the position of bailiff on the farm of the woman he loves. The climax of the novel occurs at a Christmas party at which the father of Fanny Robin's child is shot to death. Thus, the death of Troy and subsequent imprisonment of his murderer, Boldwood, leaves the path clear for the hero. FTP, name this novel detailing Gabriel Oak's pursuit of Bathsheba Everdene, a work by Thomas Hardy.

Answer: Far From the Madding Crowd

6. He served as his nation's ambassador to Mongolia and as a permanent delegate to the International Atomic Energy Agency until his retirement in 1962. In 1984, he was reinstated as a member of the Communist Party after he had been expelled 20 years earlier. In 1926 he was promoted to full membership in the Politburo and four years later he became chairman of the Council of People's Commissars, i.e. prime minister. The negotiator of the Ribbentrop Pact and a representative at Yalta and Potsdam, FTP, name this director of Soviet foreign affairs during World War II, perhaps better known for his namesake bombs of bottles of flammable liquid.

Answer: Vyacheslav Mikhailovich Molotov

7. Its hiatus is located in the tendinous portion of the diaphragm at the level of the T8 vertebra. It is actually formed by the joining of the common iliacs and ascends to the abdominal cavity where it is fed by the right gonadal, the phrenics, the hepatics, and the right suprarenal as well. FTP, name this large-caliber vessel that travels through abdomen and returns blood from the legs and trunk to the left atrium.

Answer: inferior vena cava (prompt on "vena cava")

8. Its initiates were organized into seven grades, including Raven, Father, and Bridegroom. Each grade referred to one of seven planetary gods, who granted purifications and revealed ceremonial passwords. Originally practiced by the Mitanni, it spread at one point to inspire one of the Adityas, or Vedic gods of Hinduism. Its chief ceremony is the sacrifice of the bull in honor of *sol invictus*, the sun god that this religion worships. FTP, name this formerly Persian cult-religion that became extremely popular among Roman soldiers in the 3rd-century AD.

Answer: Mithraism

9. This work was inspired by a poem by Nikolas Lenau, whom the composer quotes on the score's title page. The composer premiered it himself in 1889 praising such sections as the central oboe solo and the stormy music at the end associated with the Commendatore, who kills the title character. FTP, name this tone poem by Richard Strauss based on a legend first introduced by Tirso de Molina of a seducer from Seville.

Answer: Don Juan (do not accept "Don Giovanni")

10. The narrator first comes across the title object because of his compulsion to visit the home of Beatriz Viterbo every year on the anniversary of her death. This brings him into contact with Carlos Argentino Daneri, who is attempting to versify the entire earth in a poem and who is inspired by the title object, which he found under the 19th step of his basement. FTP, identify this story in which the narrator discovers the universe in the title object, a work by Jorge Luis Borges named for the first letter of the Hebrew alphabet.

Answer: "El Aleph"

11. Descended from the Kayi branch of rulers, he would take over the principality at Sogut established by his father, Ertugrul. His military campaigns became more aggressive following the capture of Yenisehir, where he established a new base. With his *gaziyan*, or frontier warriors, he was able to lay siege to Bursa and Nicaea, pretty soon conquering all of northwestern Anatolia. Thus, by the time of his death in 1324 he had left a new empire behind. FTP, identify this founder of the Ottoman Empire, which takes its name from his name.

Answer: Osman I or Uthman I

12. Its primary advantage is that over alkylation is avoided, however it cannot be used to prepare aryl amines. It begins with the reaction of phthalimide with potassium hydroxide, which removes the N-H proton, giving an imide ion. Following the formation of an intermediary N-alkyl phthalimide, then hydrazinolysis or hydrolysis results in the desired product. FTP, give the name for this reaction, a type of nucleophilic substitution used to produce a primary alkyl amine.

Answer: Gabriel synthesis

13. Theo van Doesburg painted two treatments of them, the latter of which consisted of a series of L's arranged in various ways. Van Doesburg's earlier version unlike the more famous canvas included four of the title characters as opposed to two. In that more famous painting, the man on the left smokes a pipe and a bottle of wine sits between he and his competitor. FTP, name this Paul Cezanne painting of two men engaged in a leisure activity.

Answer: The Card Players

14. The ghosts of three of them are said to dwell in Mt. Aetna. They came to the mountain after being murdered by Apollo, who sought to avenge the death of Asclepius. Often found on Olympus in the environs of Hephaestus, this first generation is better known than their brothers, the Hecatonchires. However Brontes, Steropes, and Arges would be surpassed in fame by one of the second-generation, a shepherd on Sicily. FTP, name these fashioners of Zeus' thunderbolts, whose later incarnation were sons of Poseidon, including the stupid Polyphemus.

Answer: Cyclopes

15. A "Companion" to this novel written by J. Kerry Grant is useful for identifying topical references, particularly to certain rock bands and popular dances. Such images as a muted trumpet showing up in unexpected places are centered around news of a secret organization engaged in a centuries-long revolt against postal monopolies. In it, the protagonist moves to San Narcisco after finding herself named co-executor of the will of her former lover, Pierce Inverarity. FTP, name this novel that tells of the mysterious Tristero and takes us through a year or so in the life of Oedipa Mass, a work by Thomas Pynchon.

Answer: The Crying of Lot 49

16. In 1787 he was convicted for a libel on Marie Antoinette and fled to Holland. Prior to his flight, he converted to Judaism changing his name to Israel Abraham, which followed an event in which he precipitated the murder of Lord Mansfield, chief-justice of London. This happened in his position as head of a Protestant association that protested the passage of a group of pro-Catholic measures. FTP, name this English agitator who provoked a series of namesake riots in the summer of 1780.

Answer: Lord George Gordon

17. It only applies to bodies with zero internal cohesion, and is usually expressed in terms of the density of the two objects being studied. Theoretically it is equal to $2.5R$, a value that might have once been exceeded by former moons of Saturn, resulting in the presence of rings. Defined as the minimum distance to which a large satellite can approach its primary body without being torn apart by tidal forces, FTP, identify this value named for the French scientist who first calculated it.

Answer: Roche limit

18. His first film role was a bit part in *These Foolish Times*, and the next year he achieved success as a gangster in *Drunken Angel*. Atypical of his choices was the detective thriller *High and Low* and international movies such as *Grand-Prix*, *Soleil Rouge*, and *Paper Tiger*. His most familiar characters are those he played in movies like *Rebellion* and *The Sword of Doom*, and he will be always be linked to a certain director for roles in movies like *Donzoko* and *The Throne of Blood*. FTP, name this star of *Seven Samurai* and *Rashomon*, a staple in the cast of Akira Kurosawa movies.

Answer: Mifune Toshiro

19. Near its conclusion Anytus enters and gives a short nasty speech against Sophists, and by the end all the participants have arrived at the classic state of Socratic *aporia*. Another theme is that of *anamensis*, which Socrates uses in a scale-model experiment with the title character's slave to solve one of the problems raised. Beginning when the title character asks Socrates whether virtue can be taught, FTP, name this early Platonic dialogue.

Answer: Meno

20. The verb "gash" at this poem's ending doubles for "gush," referring to the shedding of "gold-vermilion" blood. The title character strikes the poet as "morning's minion" and as "daylight's dauphin," drawn by the dappled colors of dawn. This sonnet's meaning is revealed in the transition between the octave and sextet with the notion that the title character's "brute beauty" in flight is but a spark in comparison with Christ's glory. FTP, identify this poem in the typical sprung rhythm of Gerard Manley Hopkins, who named it for a bird with a rare ability to hover in the air.

Answer: "The Windhover"

2001 Chicago Open
Playoffs Round 2
Bonuses by Subash Maddipoti

1. Name these people related to Mohammad Reza Shah Pahlavi, FTP each.

A. Pahlavi fled Iran in 1979 following a massive public outcry for the return of this exiled religious leader living in Paris.

Answer: Ayatollah Ruhollah Khomeini

B. Pahlavi was almost deposed by this political leader who served as premier from 1951 to 1953 and nationalized all the British oil holdings in Iran.

Answer: Mohammad Mosaddeq

C. The Shah's third wife, she was the mother of the crown prince, Reza, and was officially designated empress, becoming the first woman in modern Iranian history to have an official royal title.

Answer: Farah Diba (accept either name)

2. Name these works of George Gordon, Lord Byron FTP each.

A. Perhaps Byron's best known short poem is this one, which includes the lines, "And all that's best of dark and bright / Meet in her aspect and her eyes: / Thus mellowed to that tender light / Which heaven to gaudy day denies."

Answer: "She Walks in Beauty"

B. Under the title to his poem, "On This Day I Complete My Thirty-sixth Year," Byron wrote January 22, 1824 and the name of this town, where he would die three months later.

Answer: Missolonghi

C. The title character of this poem is Francois de Bonnavard, a 16th-century prior, who conspired with a band of patriots to overthrow the duke of Savoy.

Answer: The Prisoner of Chillon

3. Give the missing quantities in these physics laws, FTP each:

A. The capacitance of a capacitor is defined as the ratio of this value, represented by Q, to the total potential difference, or voltage as represented by V.

Answer: charge

B. This value is defined as the proportionality constant relating a conductor's resistance to the ration of its length over its cross-sectional area.

Answer: resistivity

C. Using an alternate definition of Ohm's law, the potential drop across the resistor, or V, can be calculated by taking the square root of the product of what two quantities?

Answer: P and R or power and resistance

4. Name these related languages, FTP each:

A. It is the major language of the Indian subcontinent.

Answer: Hindi (do not accept "Hindu")

B. This language written in the Persi-Arabic script is the national language of Pakistan and is also spoken by most Muslims of Northern India.

Answer: Urdu

C. Of the Dravidian tongues, only two have more than 50 million speakers. One is Tamil and the other is Subash's native tongue. Name it

Answer: Telugu

5. Name these explorers of the New World, FTP each:

A. This governor of Panama, known as "the Cruel" ordered the execution of Balboa in 1519.

Answer: Pedro Arias de Avila

B. Between May of 1499 and June of 1500 he commanded four Spanish ships on a voyage that included Vespucci as one of the crewmen, and earlier as a subordinate of Columbus, he took revenge for an Indian attack at Navidad. His major discovery was the claiming of Curacao for Spain in 1497.

Answer: Alonso de Ojeda

C. This Spaniard spent eight years in Texas' Gulf region and it is most likely his accounts of the seven cities of Cibola that sparked the exploratory missions of De Soto and Coronado.

Answer: Alvar Nunez Cabeza de Vaca

6. Name these novels featuring a certain city, for the stated number of points.

A. For 10 points, Its not really a novel but this John Ruskin work features the famous chapter, "The Nature of Gothic," among his views on continental architecture.

Answer: *The Stones of Venice*

B. For 5 points, Gustav Aschenbach succumbs to a bout of cholera in this Thomas Mann classic.

Answer: *Death in Venice*

C. For 15 points, The school teacher Lydia Blood settles in Venice in this William Dean Howells novel.

Answer: *The Lady of the Aroostook*

7. Name these terms or values from acid-base chemistry:

A. For 10 points, This is a type of species that can act as either an acid or base, depending upon its chemical environment.

Answer: amphoteric or amphiprotic

B. For 5 points, Acid and base dissociation constants are represented by the upper case form of this letter.

Answer: K

C. For 15 points, Given 15 seconds calculate what volume of a 3 molar solution of NaOH is required to titrate .05 liters of a 4 molar solution of HCL to the equivalence point.

Answer: 2/3 L or .067 L (or equivalents) [(Normality of acid) * (Volume of acid) = (Normality of base) * (Volume of base)]

8. Name these men who played for the New York Knicks in the 1980s:

A. For 5 points, Drafted #1 overall out of Georgetown in 1985, he patented a four-step run across the lane non-traveling move before the Knicks traded him to the Sonics.

Answer: Patrick Ewing

B. For 10 points, This Kentucky alum, won the 1989 Slam Dunk contest, and was one of the favorites given his nickname.

Answer: Kenny "Sky" Walker

C. For 15 points, The Knicks drafted this three-point wizard #6 overall out of Minnesota in the 1982 draft. He was an archenemy of the Bulls, defeating them several times on last-second three pointers.

Answer: Trent Tucker

9. Name these things relating to the Florentine works of Michelangelo, FTP each.

A. This massive marble statue, completed in 1504, now stands in The Academy.

Answer: David

B. Michelangelo's Battle of Cascina cartoon was created for the Hall of Five Hundred in this Florentine location.

Answer: Palazzo Vecchio

C. Among his later Mannerist works was the design for this Florentine building, particularly its entry vestibule and steps.

Answer: Laurentian Library

10. Name these Americans involved in the Mexican War, FTP each.

A. In September of 1845 President Polk sent this man on a secret diplomatic mission to Mexico City. He would later be imprisoned while on a diplomatic mission for the Confederacy.

Answer: John Slidell

B. The war was ended primarily due to this general's march from Vera Cruz to Mexico City, which fell to his forces in September of 1847. He would later run as the Whig candidate for president in 1852.

Answer: Winfield Scott

C. This chief State Department clerk had been accompanying Scott, but was called back by an impatient President Polk. He disobeyed the order and soon after negotiated and signed the Treaty of Guadalupe-Hidalgo.

Answer: Nicholas Trist

11. Name these 20th-century British playwrights, FTP each.

A. His first London success was *French Without Tears*, but his fame crossed the Atlantic with works like *The Winslow Boy* and *The Browning Version*.

Answer: Sir Terence Rattigan

B. His best play is *Travesties* but you might be more familiar with *Rosencrantz and Guildenstern Are Dead*.

Answer: Tom Stoppard

C. His entertaining comedies include *What the Butler Saw* and *Entertaining Mr. Sloane*.

Answer: Joe Orton or John Kingsley Orton

12. Name these parts of the electron transport chain, FTP each:

A. The first complex, NADH dehydrogenase, accepts a pair of electrons that it in turn donates to this coenzyme.

Answer: ubiquinone

B. Ubiquinone then diffuses through the cristae membrane to reach this second large complex of the chain, which can also accept electrons from FADH₂.

Answer: b-c₂ complex

C. From the b-c₂ complex, cytochrome c takes electrons to the this third large complex, which in the final stage transfers four electrons to two oxygen atoms.

Answer: cytochrome oxidase

13. Name these pairs from Norse myth, FTP each: (You must get both for the points)

A. These two brothers of Odin helped create the worlds from the slain body of Ymir.

Answer: Ve and Vili

B. Odin, Ve, and Vili breathed life into these two beach logs, who would go on to become the progenitors of the human race.

Answer: Ask and Embla

C. Representing "thought" and "memory," they are the two ravens of Odin.

Answer: Huginn and Muninn

14. Name these figures of the French Revolution, FTP each.

A. The elder son of economist Victor Riqueti, he tried to establish a constitutional monarchy after being elected president of the National Assembly in 1791, but he died shortly thereafter.

Answer: comte de Mirabeau or Honore-Gabriel Riqueti (need first name because dad's name was given)

B. This figure led the Cordeliers, which were also known by his name, as well as the sans-culottes. Robespierre had him executed in 1794 because of his growing influence.

Answer: Jacques Rene Hebert [a-BARE] or Pere Duchesne

C. He was the commander of the National Guard of the Commune de Paris but fled to Flanders, where he was imprisoned until 1797. He would return to command the National Guard that helped overthrow Charles X and install Louis-Philippe.

Answer: marquis de Lafayette or Marie du Motier

15. One of his better-known novels is about a certain Ms. Meeber, who comes to Chicago and gets involved with Charles Drouet and George Hurstwood, before going to New York to pursue her acting career. FTP each:

A. Name this American novelist.

Answer: Theodore Dreiser

B. Next to *American Tragedy*, the best Dreiser novel I've read is this one, whose protagonist, the artist Eugene Witla, is partly based on the real life artist, Everett Shinn.

Answer: *The Genius*

C. Published in 1916 as the first automobile touring book, this work chronicles Dreiser's trip from New York back home to Indiana, as reflected in its title.

Answer: *A Hoosier Holiday*

16. Name these Italian social pioneers, FTP each.

A. This Italian criminologist postulated the existence of a unique criminal type as explained in his magnum opus, 1875's *The Delinquent Man*.

Answer: Cesare Lombroso

B. He famously denounced capital punishment and the prison system of his time in his 1764 work *On Crimes and Punishments*.

Answer: Cesare Beccaria

C. The first woman in Italy to receive a medical degree, she developed a namesake system of education for children of ages three to six.

Answer: Maria Montessori

17. Name these pioneers in the field of immunology, FTP each.

A. His discovery of Salvarsan 606, revolutionized the treatment of syphilis.

Answer: Paul Ehrlich

B. This Russian discovered amoeba-like cells in animals that engulf foreign bodies. He called these cells phagocytes, thereby coining the term.

Answer: Elie Metchnikoff

C. This histologist established the neuron as the basic unit of nerve structure, and improved upon the silver-nitrate stain of Camillo Golgi with whom he shared a Nobel.

Answer: Santiago Ramon y Cajal

18. His greatest victory was probably at Mons Lactarius, where he crushed the forces of Teias.

A. For 15 points, Who was this eunuch?

Answer: Narses

B. For 5 points, Narses was a general and grand chamberlain under this Byzantine emperor of the mid 6th-century AD. He had a promiscuous wife named Theodora and is best known for his namesake law code.

Answer: Justinian I

C. For 10 points, By defeating Teias, Narses had ended the threat posed by this tribe, which ruled Italy from the time of Theodoric, in 493, till circa 555.

Answer: Ostrogoths (prompt on "Goths")

19. Name these Spanish composers, FTP each:

A. He's best-known for his *Bachianas brasileiras*, a set of nine pieces for various instrumental and vocal groups.

Answer: Heitor Villa-Lobos

B. A one-time pupil of Paul Dukas, he might be best-known for his *Concierto de Aranjuez* for orchestra and guitar.

Answer: Joaquin Rodrigo

C. Palestrina parodied one of this man's motets for the mass *O sacrum convivium*. His motet *Jubilate Deo omnis terra*, commissioned to mark the peace between Charles V and Francis I, was parodied by his contemporaries, Tomas Victoria and Francisco Guerrero.

Answer: Cristobal de Morales

20. Name these things about Methuselah, FTP each.

A. Methuselah was the son of this Hebrew patriarch, who happened to live only to be 365 years old.

Answer: Enoch

B. In Genesis we learn that Methuselah was the great-great-great-great-grandson of this youngest brother of Cain and third son of Adam and Eve.

Answer: Seth

C. Other than Genesis, Methuselah's only other Old Testament appearance is in the first of these two books that originally formed one book with Ezra and Nehemiah.

Answer: Chronicles