

Vanderbilt University ABC XV
Round 14 of 14
(Playoff Round 5--Finals)

Tossups

1. Apollodorus says there were 45 men, Diodorus mentions 54, and Apollonius 64. Erginus and Ancaeus were the experts in navigation; Erivotis and Asclepius were the experts in medicine; Zetes and Calais were petty officers; Peleus and Telamon were stern-officers; and Idas and Hercules were prow-officers. Tiphys steered the ship and Orpheus played music. FTP, name this group which sought the Golden Fleece, led by Jason.

--Answer: the Argonauts (accept Argo before igroupî)

2. Though it is primarily made up of two metals, most types of it contain other metals such as manganese, lead, and zinc. Gun metal and bell metal are two types of it, it is only surpassed by steel in strength and hardness among common alloys, and it is even more resistant than steel to corrosion. FTP, name this alloy whose main constituents are copper and tin.

Answer: bronze

3. The first graduate of Hong Kong's new college of medicine, he spent 16 years in exile. In 1905 he founded the United Revolutionary League, which he dedicated to the Three Principles of the People. In 1911 he started a revolution in China which ended on October 10 with the overthrow of the Manchu government. FTP, who was this man who on December 29, 1911, was elected the first president of the Republic of China?

Answer: Sun Yat-Sen

4. Math question: for a quick ten points, what is the volume of a sphere with circumference of three halves pi?

Answer: nine pi over sixteen (or nine sixteenths pi or other equivalents)

5. Never elected to the Academie Francaise, this author was one of the earliest realists. His career began with the publishing of the 1829 novel *Les Chouans*. Such works as *César Birotteau*, *Cousin Bette*, and *The Quest for the Absolute* are part of his projected 200 novel, 2,000 character panorama of French life. FTP, who finished 95 of the novels, including *Eugénie Grandet* and *Le Père Goriot*, of his masterpiece, *The Human Comedy*.

Answer: Balzac, HonorÉ de

6. This is an audio tossup. Identify the musical work of the **Romantic period** from which the following excerpt is taken. You may buzz at any time while it is playing, and one final clue will be read to you after the excerpt. [Play excerpt]. FTP, give the common name for this work completed in 1893, the ninth and final symphony of Antonin Dvorak.

Answer: Symphony From the New World (accept *Dvorak's 9th symphony* on early buzz)

7. These birds, along with swifts, are members of the order Apodiformes, which means *lacking feet*. They often have colorful names such as streamertails, violet-ears, and emeralds. Because of their small angular wings and extraordinarily high metabolism, they are capable of maneuvers such as flying backwards and hovering. FTP, name these tiny flower-feeders whose only eastern counterpart is the Ruby-throated.

Answer: hummingbirds

8. Some legends have him being able to walk through doors and having more magic than the Druids. In reality, he was Pope Celestine's replacement for St. Palladius as the bishop of a country in about 431 AD, but legend has him using a plant of the genus *Trifolium* to explain the Holy Trinity to pagans in Ireland. For ten points, name this man, the patron saint of Ireland, whose day is celebrated every March 17th.

Answer: Saint Patrick

9. The Plan of Union, approved on the 10th of July and based on the proposal of Thomas Hutchinson, called for the creation of a grand council to have jurisdiction over Indian affairs. Advised by English authorities, delegates from the Iroquois Confederation, New England, Pennsylvania, Maryland and New York met to discuss Ben Franklin's plan for colonial unification. FTP, name this 1754 meeting in New York.

Answer: Albany Congress (or Convention)

10. Adam's father is a harsh man who tries to teach his sons military ways, but Adam does not take to them as well as his brother, Charles. After leaving home, he spends time in jail but escapes right before he is to be released. He marries a woman who, before shooting him, bears two sons, whom Adam names Aaron and Caleb. For ten points, name this novel about the Trask family, based on the story of Cain and Abel and written by John Steinbeck.

Answer: East of Eden

11. He had health problems including a spinal deformity and indications of hemophilia after being born in 1818 into a family with a brewery business. Early in his education, he was tutored by a young John Dalton, and through a series of experiments, he firmly established the equivalence of mechanical and thermal energy. For ten points, name this physicist who gives his name to the SI unit of energy.

Answer: James Prescott Joule

12. It is an example of a Laspeyres index because it is based on a "fixed basket" and therefore does not accurately reflect changes in taste, preference or quality. This inaccuracy has led to the change in its value being overstated by as much as an entire percentage point per year. FTP, what is this index, the basis of the government's annual cost of living adjustment, and most widely quoted measure of inflation.

Answer: Consumer Price Index or CPI (do NOT accept inflation)

13. When Gary Cooper played this man in a 1942 movie, Cooper batted right-handed and ran to third base, and the film was reversed to approximate this man's left-handed hitting. On June 1, 1925, he pinch-hit for Pee Wee Wanninger, and the next day Miller Huggins put him in at first base for Wally Pipp. FTP, name the Yankee Iron Horse who played in 2,130 straight games starting with his pinch hit.

Answer: Lou Gehrig

14. He wrote, "From my grandfather Verus I learned good morals and the government of my temper. From the reputation and remembrance of my father, [I gained] modesty and a manly character . . . I am indebted to [Rusticus] for being acquainted with the discourses of Epictetus." These words are taken from his most famous work, which stresses self-discipline and virtue. FTP, identify the Stoic author of Meditations, the last of the Five Good Emperors.

--Answer: Marcus Aurelius

15. In 1816, the area that was to become this city was settled as Cowford. Its population was only 28,000 in 1900, but it became its state's most populous city thanks in part to Flagler's railroad. Today, it is the 15th most populous city in the United States and one of the largest in land area due to its city-county form of government. For ten points, name this city, the seat of Duval County in Florida.

Answer: Jacksonville

16. If a polychromatic beam of light is passed through a medium containing particles with diameters less than about one-twentieth of the wavelength of the light, the light appears blue, a phenomenon seen in tobacco smoke. FTP, what is this effect of the dispersion of light beams by colloidal suspensions, named for the British physicist who studied it?

Answer: the Tyndall effect

17. Banjo Paterson wrote it in 1894 in response to the violent Sheep Shearers Strike and to poke fun at Paterson's highly stratified society. It tells the tale of a migrant worker who is caught poaching the sheep of a wealthy landowner. Rather than submit to arrest, the vagrant drowns himself in a nearby oxbow lake and now haunts the region near that billabong. FTP, identify this song, the unofficial national anthem of Australia.

ANSWER: Waltzing Matilda

18. In 1822 he submitted a work to the Paris Salon for the first time, a painting called Dante and Virgil in Hell. Other works he submitted to the Salon included 1827's Death of Sardanapalus and 1824's Massacre at Chios. FTP, name this foremost painter of French romanticism whose best-known work is Liberty Leading the People.

Answer: Eugene Delacroix

19. He falls in love with and wins the hand of Sophia Western, the virtuous neighbor woman. Believed to be the illegitimate son of the servant Jenny, he is adopted by Squire Allworthy and embarks on a series of adventures, which paint a vivid portrait of eighteenth century England and eventually unveil his true identity. FTP, identify this title character of a picaresque novel by Henry Fielding.

Answer: Tom Jones (accept The History of Tom Jones, A Foundling)

20. The name's the same: a southern suburb of Montreal which overlooks the St. Lawrence River, the 843 AD treaty in which Charlemagne divided his empire among his three grandsons, and the ring of fortresses on the Western Front which was the site of Germany's main offensive of 1916. FTP, identify this name, shared by the French town on the Meuse River which was the site of nearly one million World War I casualties.

--Answer: Verdun

21. According to a 3rd century BC historian, this pharaoh served 62 years and was killed by a hippopotamus. During his rule around 3100 BC, he instigated many important irrigation works and founded the Egyptian capital at Memphis. FTP, identify this first Egyptian pharaoh who united upper and lower Egypt.

Answer: Menes

22. Hamlin Garland and James T. Farrell wrote in this literary style. An example of this style connected to realism is the 1899 novel *McTeague*, by Frank Norris. Its characteristic amoral and objective presentation of life was first prominently exhibited by such French authors as Emile Zola. FTP, name this literary movement, other practitioners of which included Stephen Crane and Theodore Dreiser.

Answer: naturalism

23. It has 8 common oxidation states, the most of any known metal, and it is also one of the most dense elements known. Commonly paired with iridium, it is most abundant in meteorites and in the K-T boundary layer of the earth's crust. FTP, identify this element with chemical symbol Os.

Answer: Osmium

24. This American leader, the first black to get a Ph.D. from Harvard, first gained national prominence by attacking the programs of Booker T. Washington. He later renounced his U.S. citizenship and left for self-imposed exile in Ghana. FTP, identify this man who is better known as the first editor of *The Crisis*, the journal of the NAACP.

ANSWER: W.E.B. Dubois

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Bonuses

1. Answer the following questions about one of the bloodiest battles in the American Civil War for the stated number of points.

5) For five points, which battle began on April 6, 1862 and ended with over 25,000 casualties?

Answer: Battle of Shiloh (accept Pittsburg Landing)

10) For five points each, who commanded the Union and the Confederate troops?

Answer: Ulysses S. Grant (Union) and Albert Sidney Johnston (Confederacy)

15) For fifteen points, what Union general brought reinforcements from his Army of the Ohio during the night, preventing a massacre of the Union troops?

Answer: Don Carlos Buell

2. Identify the following poems from lines FTP each, or from their authors F5P each.

a. (10) "Look on my works, ye Mighty, and despair!î

(5) Percy Shelley

Answer: Ozymandias

b. (10) "This is the way the world ends / Not with a bang but a whimper.î

(5) T.S. Eliot

Answer: The Hollow Men

c. (10) "The apparition of these faces in the crowd: petals on a wet black bough."

(5) Ezra Pound

Answer: In a Station of the Metro

3. Give the name for the type of star from a brief description.

a) This type of star is a subcategory of young red dwarf stars that periodically erupts in short, violent bursts of energy. These bursts resemble a common stellar phenomenon for which the stars are named.

Answer: flare stars (also accept UV Ceti stars)

b) This is the final luminous stage of low- to medium-mass stars. Stars of this class have exhausted their nuclear fuel but continue to radiate thermal energy.

Answer: white dwarf

c) If the mass of the white dwarf is greater than the Chandrasekhar limit, it will collapse into this extremely dense, rapidly spinning stellar object of which pulsars are a variety.

Answer: neutron star

4. Name the following ballets from descriptions for the stated number of points.

A. 5 points: This ballet composed by Aaron Copland and choreographed by Martha Graham contains the famous Variations on the Shaker melody îSimple Gifts.î

Answer: Appalachian Spring

B. 10 points: This 1877 ballet by Peter Tchaikovsky about a magician transforming beautiful maidens contains the îWaltz of the Flowers.î

Answer: Swan Lake

C. 15 points: This 1801 ballet was the only one by Ludwig van Beethoven.

Answer: The Creatures of Prometheus

5. FTP each, given a line from a movie featuring Harrison Ford, name the movie.

A. I told you--don't call me Junior.†

Answer: Indiana Jones and the Last Crusade

B. I love the smell of napalm in the morning.†

Answer: Apocalypse Now

C. You know, we're always fascinated when we find leg irons with no legs in 'em.†

Answer: The Fugitive

6. Identify the following forms of government from brief clues FTPE.

A. This form is characterized by mostly free elections which are dominated by one person or one party.

The classic example of this system is Mexico.

Answer: Authoritarianism

B. Its pure form, which is practiced by no national government, is often confused with the representative form, which is practiced by most western nations.

Answer: Democracy

C. This form sees all activities controlled by the government, often through coercion. The system is set up to extend beyond the rule of any one person, though one often dominates it.

Answer: Totalitarianism

7. In 1377, the Great Schism in the Roman Catholic Church resulted in the dual pontificate of Gregory XI and Clement VII. FTP each, answer the following relating to the Great Schism.

a. Pope Clement took residence in what French city?

Answer: Avignon

b. This council met from 1414 to 1418 to resolve the Great Schism.

Answer: Council of Constance

c. At the Council of Constance, which new Pope won recognition from both factions?

Answer: Martin V

8. Answer the following about salt water lakes for the stated number of points.

A. These two bodies of water, although they are called seas, are the largest salt water lakes in the world.

For 5 points each, name them.

Answer: Caspian Sea and Aral Sea

B. Though this salt water lake is often dry, it can reach an area of 3,700 square miles and is the largest lake in Australia. FTP, name it.

Answer: Eyre

C. This 36 mile long, 22 mile wide salt water lake 110 miles north of the Gulf of Mexico has levees built around it to collect flood water from the Mississippi. FTP, name it.

Answer: Lake Pontchartrain

9. For the stated number of points, identify the epic poems based on a description.

A. 5--In this three-part epic poem of the Anglo-Saxons, the hero of the Geat people slays a monster, the monster's mother, and a dragon.

--Answer: Beowulf

B. 10--In this poem in the Akkadian language, the title character, the king of Uruk, befriends a wild man, Enkidu. After the death of Enkidu, the hero searches vainly for immortal life.

--Answer: Epic of Gilgamesh

C. 15--The name of this national epic of Persia by Firdawsi translates as "Book of Kings"; one famous passage features the struggle between Rustam and his son Suhrab.

--Answer: the Shah Nameh

10. Identify the following nerves of the human body FTP each.

A. The two nerves with this name, one the great and one the small, start in the pelvis. The great, the largest nerve in the body, goes all the way down to the foot.

Answer: sciatic nerves

B. This nerve descends from the medulla oblongata through the carotid sheath and branches to various organs. It controls swallowing and respiration, among other things.

Answer: vagus nerve (or tenth cranial nerve, or pneumogastric nerve)

C. This nerve connects the retina of the eye with the visual center of the brain.

Answer: optic nerve

11. Pencil and paper ready. F of X equals X squared plus three X plus six. G of X equals three halves times the quantity X plus 2. FTP each,

A. What is G of F of 3?

Answer: 39

B. What is F of G of 2?

Answer: 60

C. What is F of F of negative 1?

Answer: 34

12. 30-20-10, name the historical figure.

30: Born in 1894 in Alexandria, Egypt, this son of a German merchant joined the Nazi party in 1920, quickly becoming Hitler's friend.

20: He took down and edited much of Hitler's dictation for Mein Kampf. He was the only prisoner at Spandau Prison in Berlin from 1966 until his death in 1987.

10: In 1933 he became deputy leader of the Nazi party, and in 1941 he secretly flew to Scotland with peace proposals, ultimately rejected by both Britain and Hitler.

Answer: Rudolf Hess

13. Given a famous sculpture or monument from ancient history, identify the sculptor or architect FTP each.

A. Diskobolos (Discus Thrower)

Answer: Myron

B. Athena Parthenos

Answer: Phidias

C. Aphrodite of Knidos

Answer: Praxiteles

14. Identify the author on a 30-20-10 basis.

For 30 points, the son of a Brazilian mother and a grain merchant father, he was the winner of the 1929 Nobel Prize in Literature.

For 20, he wrote "The Unpolitical Man" to his brother Heinrich. Other writings include *Mario and the Magician* and *Confessions of Felix Krull: Confidence Man*.

For 10, he wrote *Death in Venice*, *Buddenbrooks*, and *The Magic Mountain*.

Answer: Mann, Thomas

15. Identify the following elements from their ground state electron configurations FTP each.

a. Neon + 3s²

Answer: Magnesium

b. Argon + 4s², 3d¹⁰

Answer: Zinc

c. Radon + 7s², 5f⁴

Answer: Uranium

16. Identify the following important rulers from Indian history for ten points apiece.

a) Born in Kesh in the present Uzbekistan, this partially disabled invader decimated Delhi. The 1398 invasion capped the career of the general, who claimed descent from Genghis Khan.

Answer: Tamerlane (accept: Timur the Lame)

b) After consolidating the Deccan region of India with decisive victories at Panipat, Khanua, and Gogra, this emperor who ruled from 1526 to 1530 founded the dynastic line of the Mogul Empire.

Answer: Babar (also accept Zahir ud-Din Muhammad)

c) After the ineffective rule of Muhammad Humayun, this prince revitalized the Empire. Under his reign, the crown retook all land, reformed the military, and secularized the state.

Answer: Akbar

17. Identify the following D.H. Lawrence works from clues for the stated number of points.

A. 5) What famous Lawrence work presents the author's mystical views on sex in a story about the wife of an English aristocrat?

Answer: Lady Chatterly's Lover

B. 10) This novel is a partly autobiographical work about Lawrence's boyhood and adolescence as the son of a coal miner.

Answer: Sons and Lovers

C. 15) This short novel retells the story of Christ's resurrection in a very bizarre way.

Answer: The Man Who Died

18. Answer the following questions about the field of sociology for ten points apiece.

a) This French positivist philosopher coined the word "sociology" in 1838 to describe the field of study of the laws governing human action.

Answer: Comte, Auguste

b) This division of sociology studies the size, growth, and distribution of human populations and maintains close ties to economics.

Answer: demography (Accept: demographics)

c) This subdivision of sociology deals with aberrant human behavior of all sorts, actually including both legal and illegal acts.

Answer: criminology

19. Identify the following cellular organelles from clues for the stated number of points.

A. For 5 points, this control center of the cell contains the cell's chromosomes.

ANSWER: nucleus

B. FTP, this organelle is especially important in plant cells as it provides storage for toxic waste and helps generate turgor pressure.

ANSWER: vacuole

C. For 15 points, these microbodies are named for containing enzymes that detoxify byproducts of biochemical processes, most notably H_2O_2 .

ANSWER: peroxisomes

20. For 10 points each, identify the authors of the following Pulitzer Prize winning dramas.

a. *The Skin of Our Teeth*

ANSWER: Thornton Wilder

b. *J.B.*

ANSWER: Archibald MacLeish

c. *Glengarry Glen Ross*

ANSWER: David Mamet