

Vanderbilt University ABC XV
Round 10 of 14
(Playoff Round 1)

Tossups

1. It has a population of about 14 million, and its tallest mountain is the 22,615 foot Ojos del Salado in the main cordillera of the Andes. It claims ownership of Rapa Nui, also known as Easter Island, and it runs 2,650 miles north to south but only averages 110 miles east to west. FTP, can you name this country whose capital is Santiago?

Answer: Chile

2. He kept his name and number in the New York City phone book until the day he died, in case someone wanted to call an offer him a gig. Not surprising since he consistently delivered up to 8 jokes per minute. His most famous joke came about when he was trying to get an usher to escort his better half, Sadie, to a seat. FTP, who is this recently deceased comedian, famous for the line "Take my wife! Please!"

ANSWER: Henry "Henny" Youngman

3. Their name is from the Greek for "animal forming," and they are classified as rhizopods, soprozoans, flagellates and cilliates. Most are either saprotrophs or parasites, though some also ingest cells as well. All require a fluid environment for survival, have non-rigid cell walls and are simple single-celled organisms. FTP, identify this classification of life which includes the amoeba, paramecium and euglena.

Answer: Protozoa

4. He was exiled in 58 BC because of a law passed by his political enemy Clodius Pulcher. As a lawyer he was famous for his prosecution of the corrupt Sicilian governor Verres. FTP, name this Roman orator most famous for his orations against Cataline.

Answer: Marcus Tullius Cicero

5. Characters in this book include the flirtatious Lizzi, the childless couple Professor and Frau Hutten, the religious enthusiast Graf, and a scheming band of Spanish musicians and dancers. It is an allegorical account of the voyage of the German ship Vera from the port of Vera Cruz, Mexico on the eve of World War Two. FTP, name the this 1962 work, the only novel by American author Katherine Anne Porter.

Answer: Ship of Fools

6. It features a Mechanical Hound attuned to the protagonist's body chemistry attacking him as he flees the authorities. They are after the man, Guy Montag, because he killed his superior after being caught reading books instead of destroying them. FTP, name this 1951 novel about a fireman by Ray Bradbury, named for the temperature at which paper burns.

Answer: Fahrenheit 451

7. Twelve monasteries in the 6th century AD at Subiaco, near Rome, were the first to adopt the rules of this order. A strict program of worship and study was embraced by the most famous abbey of the order, at Monte Cassino. Their habits of undyed wool led to them being called "black monks." FTP, name the order of monks which was the primary European order until the founding of the mendicant orders in the 13th century.

Answer: Benedictine order

8. Math question. FTP, find all real solutions to the following equation: $x^3 - 6x^2 + 5x = 0$.

Answer: $x =$ 0, 1, 5

9. The Arrigetch Peaks, the Chugach Range, the Alexander Archipelago, the Koyukuk River, Malaspina Glacier, Kenai Peninsula, and Prudhoe Bay are all geographical features here. It has an area of over 650,000 square miles and averages less than one inhabitant per square mile. FTP, name this state which is

also home to the Aleutian Islands, Mount Denali, and has its capital at Juneau.

Answer: _Alaska_

10. This branch of psychology stresses a person's capacity for growth, freedom to choose their destiny, and positive qualities. One goal of this approach is to help others achieve self-understanding by providing a nurturing, warm social climate. It was started in opposition to the school of behaviorism. For ten points, name this psychological approach, the framework of which was laid mainly by Carl Rogers and Abraham Maslow.

Answer: _humanism_ (or the humanistic approach)

11. This explorer entered the Dutch East India Company in about 1632 and made his first voyage of exploration to Ceram Island. In 1647, he commanded a trading fleet to Siam, and in the following year, he commanded a war fleet against the Spaniards in the Philippines. For ten points, name this explorer who discovered Tonga, the Fiji Islands, New Zealand, and the island off Australia named for him.

Answer: Abel _Tasman_

12. Originally engaged as a cellist by an opera company touring Brazil, he stepped in for the regular conductor and conducted *Aida* from memory. He led the orchestra at the Italian premier of *La Boheme* and became a principal conductor at La Scala, the Metropolitan Opera, and the New York Philharmonic. FTP, name this conductor for whom the NBC Symphony Orchestra was created.

Answer: Arturo Toscanini

13. This literary term was coined in *The Principles of Psychology* by William James and was first used as a narrative technique in *Weill to the Woods No More* by Edouard Dujardin. Its characteristic chaotic interior monologues also appear in works such as *To the Lighthouse* by Virginia Woolf. FTP, identify this narrative device intended to depict myriad impressions, developed most highly in *Finnegan's Wake* and *Ulysses* by James Joyce.

ANSWER: stream of consciousness (interior monologue is not acceptable on an early buzz)

14. This device requires a strict stoichiometric air-to-fuel ratio and the 3-way variety is the most effective. Through the use of rhodium, palladium and platinum, toxic waste gases produced through incomplete combustion are oxidized and made benign. FTP, identify this automobile feature that significantly reduces the amount of greenhouse emissions produced by cars.

ANSWER: catalytic converter

15. Born in 1887, he studied engraving while growing up and later taught at the *L'Ecole of Art* in La Chaux-de-Fonds. He drew from Wright and designed modular works, but after WWII he turned his attention to urban planning. For ten points, name this 20th century architect, whose notable works include the Savoy House and Notre Dame de Haut in France, and whose real name was Charles Edouard Jeanneret.

Ans: _Le Corbusier

_ (prompt on Charles Edouard Jeanneret early)

16. His leading ladies included Sophia Loren in *Houseboat* and Audrey Hepburn in *Charade*, and he originated a role later played by Denzel Washington in *The Bishop's Wife*. His only Academy Award was a lifetime achievement award in 1969. For ten points, name this actor known for working with Alfred Hitchcock on *To Catch a Thief*, *Suspicion*, *Notorious*, and *North by Northwest*.

Answer: Cary _Grant_

17. It appears often in the theory of probability and in the only function having a rate of growth equal to its size, the exponential function. It is a transcendental number with no simple geometric interpretation but is most commonly defined as the limit of the expression $(1 + 1/n)^n$ to the n power. FTP, give the letter used to denote this number whose limiting value is approximately 2.718.

Answer: _e_ (accept Euler's number)

18. Among the lesser-known works of this prolific writer are 21 volumes of nondramatic works and 1,587 lyric poems. He developed a form of tragicomic social drama called the *comedia* and was nicknamed the Phoenix of Spain. FTP, identify this 16th and 17th century Spanish dramatist who may have written as many as 1,800 plays.

Answer: Lope de _Vega_

19. This idea of Alfred Hippius reached the U.S. through the offices of W.W. Rockhill, private adviser to Secretary of State John Hay on Far Eastern Affairs. On September 6, 1899, Hay issued a circular letter to U.S. Embassies in Berlin, St. Petersburg, and London requesting that each power not interfere with the spheres of influence of the others. FTP, name this China policy which was only reluctantly accepted by the other powers.

Answer: _Open Door_ Policy

20. This Grecian god was the direct successor of Hay-Tau and replaced the vegetation gods Aleyin and Mot of the Ugarit poems. Born of a tree, he was exceptionally beautiful, a trait which led to a bitter dispute between Aphrodite and Persephone. FTP, name this youthful agricultural deity, the Greek counterpart to the Phoenician god Tammuz, who spent the winter months in Hades.

Answer: _Adonis_

21. Robert Frost wins the first of four Pulitzer Prizes for Poetry and Louis de Broglie discovers the wave nature of electrons. St. Petersburg is renamed Leningrad, the Washington Senators win the World Series, and Johnny Weismuller wins 3 gold medals at the Olympics in Paris. FTP, all of these events occurred in what year during which John W. Davis and Robert La Follette failed to keep Calvin Coolidge from being reelected president?

Answer: _1924_

22. He worked as an obstetrician, from which he drew his first novel *Liza of Lambeth*. His early successes, which included having 4 plays running in London simultaneously in 1908, led him to abandon medicine for writing, which he also abandoned during WWI to act as a spy for the British. FTP, who is this author, known for the novels, *Cakes and Ale*, *The Razor's Edge* and *The Moon and Sixpence*.

W. (illiam) Somerset Maugham

23. The central doctrine of this third century AD philosophical movement was an idealistic monism describing the perfect One from which pure intelligence, inous, emanates. Some of its prominent thinkers included Ammonius Saccus, Porphyry, and Iamblichus. FTP, what is this philosophical school founded by Plotinus that elaborated upon the teachings of Plato regarding the duality of Idea and Matter.

Answer: _Neoplatonism_

24. Born in 1808, he helped found the Free Soil and Republican parties and proposed the plan for the national banking system. He served as a supreme court justice for 11 years and as the Secretary of the Treasury under Lincoln. For ten points, name this American who presided over Andrew Johnson's impeachment hearings and who can be found on the \$100,000 bill.

Answer: Salmon P. _Chase_

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Bonuses

1. Identify the following kings named Charles FTP each.

a. He ruled England during the 17th century, and his absolutist beliefs and Roman Catholic sympathies resulted in a revolution.

Answer: Charles I

b. This grandfather of Charlemagne and ruler of the Franks won the 732 Battle of Tours.

Answer: Charles Martel

c. This great military hero of Sweden led them against Russia in the Great Northern War.

Answer: Charles XII

2. Answer the following about muscles in the body FTP each.

A. This minute, threadlike structure of complex proteins, smaller than muscle fiber, is the basic unit of all muscle.

Answer: _myofibril_

B. This muscle is found at the junction of the pylorus and the duodenum.

Answer: pyloric _sphincter_

C. This is the band of connective tissue which joins the muscles of the calf to the bone of the heel.

Answer: _Achilles_ Tendon

3. Identify the following deities of Egyptian myth for ten points apiece.

a) He was the protector of artists and artisans, and his cult was most prominent in Memphis. The consort of the war goddess Sekhmet, he was the counterpart of the Greek Hephaestus.

Answer: _Ptah_

b) Often portrayed as wearing the horns of a cow, she was the goddess of fertility and motherhood.

Answer: _Isis_

c) This god conducted souls to their resting-place in the underworld. He is represented in art as a dark-skinned man with the head of a jackal.

Answer: _Anubis_

4. Last season Mark McGwire hit a combined 58 home runs with St. Louis and Oakland. This total tied for the fourth most home runs ever in a season.

A. For ten points apiece, what two players did McGwire tie at 58?

Ans: Jimmie _Fxxx_ and Hank _Greenberg_

B. For five points apiece, who are the only two players who ever hit more than 58 home runs in a season?

Ans: Babe _Ruth_ and Roger _Maris_

5. Identify the following parts of Aeschylus' Orestia from clues FTPE.

A. This play is named for its hero and tells of his victorious return from Troy and subsequent murder by his wife Clytemnestra.

Answer: _Agamamenon_

B. In this play, the children of Agamemnon avenge his murder by killing Aegisthus and Clytemnestra, and Orestes is chased away by the Furies.

Answer: The _Libation Bearers_ (or Choephoroi)

C. This final play of the trilogy revolves around Orestes' trial and acquittal for murdering his mother. Its name means iKindly Ones.i

Answer: _Eumenides_

6. Ten points apiece, identify these terms from physics.

A. Mirror images of the particles that make up ordinary matter as it is known on earth, which annihilate when they come into contact with their opposite.

Ans: antimatter (accept antiparticles)

B. In solid-state physics, it is a quantum unit of vibrational energy, analogous to the quantum unit of light energy called the photon.

Ans: phonon

C. The amount of heat, expressed in calories, that is required to raise the temperature of one gram of a substance one degree Celcius.

Ans: specific heat

7. Identify the following economic schools FTP each.

a) This school advocated minimalist government and a flourishing free market. Major developers of this school include Adam Smith, David Ricardo, and Thomas Malthus.

Answer: classical economics

b) This economic school focusing on aggregate demand and advocating governmental deficit spending to revive flagging economies was named after its British founder.

Answer: Keynesian economics

c) This school developed in France in the second half of the 18th century by François Quesnay as a reaction against mercantilism stressed the importance of agriculture.

Answer: physiocratic school (Accept: physiocrats)

8. Given two lines from a poem, give the name of the poem for 5 points and state what meter the lines are in for another 5 points.

A. iThen cease, bright nymph! to mourn thy ravished hair,
Which adds new glory to the shining sphere!i

Answer: The Rape of the Lock, iambic pentameter

B. iAh, distinctly I remember it was in the bleak December,
And each separate dying ember wrought its ghost upon the floor.i

Answer: The Raven, trochaic octameter

C. iCannon to right of them,
Cannon to left of them,i

Answer: The Charge of the Light Brigade, dactylic dimeter

9. Identify the following pieces of classical music by Rimsky-Korsakov from clues for ten points apiece.

a) Rimsky-Korsakov and Aleksandr Glazunov completed this unfinished Aleksandr Borodin opera.

Answer: Prince Igor

b) Name the opera that contains Rimsky-Korsakov's famous iSong of India,i and iDance of the Tumblers.i

Answer: The Snow Maiden

c) The four movements of this tone poem include iFestival at Baghdad,i and iThe Sea and Sinbad's Ship.i

Answer: Scheherazade

10. The motion of a ball dropped from the top of a building is given by the equation $f(t) = -16t^2 + 13t + 48$.

Answer the following questions, ten points apiece.

A. What is the ball's magnitude of velocity in feet per second after 2 seconds?

Ans: 51 ft./s

B. How long does it take for the ball to hit the ground?

Ans: 4 s

C. What is the ball's magnitude of velocity in ft./s when it hits the ground?

Ans: 115 ft./s

11. Given a presidential election year, identify the candidate who came in third in the *popular* vote FTPE.

A. 1912

Answer: William Howard Taft

B. 1824

Answer: Henry Clay

C. 1860

Answer: John C. Breckinridge

12. Given a list of works, name the author, on a 30-20-10 basis.

(30) Dublin's Lives, God's Grace

(20) The Magic Barrel, The Assistant

(10) The Fixer, The Natural

Answer: Bernard Malamud

13. Give the following list of terms from clues for the stated number of points.

A. 5 - A line on a map delineating areas of equal or similar atmospheric pressure.

Answer: Isobar

B. 10 - Two solutions which have the same osmotic pressure.

Answer: Isotonic

C. 15 - An enzyme that catalyzes the rearrangement of atoms in a molecule.

Answer: Isomerase

14. Identify the following authors who share a name in common from works FTP each. You must give both first and last names to be correct.

a. The Sketch Book of Geoffrey Crayon

Answer: Washington Irving

b. The World According to Garp

Answer: John Irving

c. The Agony and the Ecstasy

Answer: Irving Stone

15. Identify the capital cities of the following ancient civilizations FTP each.

A. the Assyrians

Answer: Nineveh

B. the Aztecs

Answer: Tenochtitlan

C. the Minoans

Answer: Knossos

16. Identify these painters from works on a 10-5 basis.

A. 10) Family of Charles IV

5) The Third of May, 1808

Answer: Francisco Goya

B. 10) Madwoman

5) Raft of the Medusa

Answer: Theodore Gericault

C. 10) Madonna of the Pomegranate

5) Birth of Venus

Answer: Sandro Botticelli

17. Given the Roman name of a region of Europe, name the country in which it would be found today, FTPE.

a. Cambria

ANSWER: Wales

b. Hibernia

ANSWER: Ireland

c. Caledonia

ANSWER: Scotland

18. Name these battles from world history on a 5-10-15 basis.

A. (5) This battle was fought in August of 1942 in the Solomon Islands. 16,000 US Marines landed on this island, heavily outnumbered by the Japanese, but naval battles eventually gave the Allies the victory.

Answer: Guadalcanal

(10) It was fought in December of 1805. Napoleon was outnumbered by the armies of Czar Alexander I but won this battle also known as the Battle of the Three Emperors.

Answer: Battle of Austerlitz

(15) Named after the point of land off which it occurred, this battle during the French Revolution saw the British led by Nelson defeat a Spanish fleet of almost twice as many ships.

Answer: Battle of Cape St. Vincent

19. Identify the religious group, 30-20-10.

30 points: A majority of the population of Namibia adheres to it.

20 points: It is also the most followed denomination in Norway.

10 points: Originally called the Evangelical Church of the Augsburg Confession, this Protestant denomination emerged in Germany in the 16th century.

Answer: Lutheran_ism

20. Given a Broadway show, identify the American choreographer of the show FTP each.

a. Fiddler on the Roof

Answer: Jerome Robbins

b. Oklahoma!

Answer: Agnes de Mille

c. Cabin in the Sky

Answer: Katherine Dunham