

Vanderbilt University ABC XV
Round 6 of 14
(Saturday Morning Round 2)

Tossups

1. According to a recent tabloid report, mainlining this food substance is growing in popularity because once in the bloodstream the high fat content causes embolism and produces a false high. It originated in the Mediterranean and was eventually named for the capital city of Minorca. FTP, identify this welcome addition to a dry sandwich, whose most popular brands include Best Foods and Hellmann's.

Answer: _Mayonnaise_

2. The first began in 1839, prompted by the seizures of British warehouses. The British won a swift victory, exacting many concessions in the punitive 1842 Treaty of Nanking. The second followed the arrest of the officers of the trading ship *Arrow* on charges of smuggling in 1856. FTP, identify this pair of drug related wars between Great Britain and China.

Answer: _Opium Wars_

3. This author was sentenced to death in 1849 for his participation in the Petrashevsky Circle, a group of socialist utopians. While he faced the firing squad, the czar reduced his sentence to exile in Siberia, which is chronicled in his 1862 work *The House of the Dead*. FTP, identify this Russian author whose other works include *Notes from the Underground*, *The Gambler*, and *Crime and Punishment*.

ANSWER: Fyodor Dostoevsky

4. According to John Marshall, one of these is an artificial being, invisible, intangible, and existing only in contemplation of law. It exists individually from its owners and is better for raising capital than a partnership or individual proprietorship. FTP, name this type of business organization which allows people to pursue a common purpose under the same name.

Answer: _corporation_

5. This mountain chain is more than 300 miles long and stretches from Cape Creus to the Bidassa River. Pico de Aneto, at 11,168 feet, is its highest peak. Some caves in these mountains have been inhabited since the Neolithic time by such peoples as the Celts, Romans, Iberians, and Basques. For ten points, name this mountain range, which divides southern France and northern Spain.

Answer: _Pyrenees_

6. Matthew Gregory Lewis's *The Monk*; *The Italian* and *The Mysteries of Udolpho* by Ann Radcliffe; Horace Walpole's *Castle of Otranto*; and *Dracula* by Bram Stoker. FTP, all of these works are examples of what type of literature which emerged in the late 18th century and which featured a pseudomedieval setting and an atmosphere of mystery and dread?

Answer: _Gothic fiction_ (accept Gothic romance, etc. *Gothic* is the key word)

7. Chloride salts of this element are often reagents in Friedel-Crafts alkylation of aromatic compounds, and its hydroxide is amphoteric. The most abundant metal in the earth's crust, found in ores such as bauxite, it was not industrially useful until the Hall Process could extract it cheaply. FTP, identify this element, atomic number 13.

Answer: _Aluminum_

8. A typically baroque artist, this Italian sculptor's work would influence European architecture for almost a century. Among his accomplishments are the Fountain of the Four Rivers in Rome and the Fountain of Trevi. FTP, identify this sculptor famous for the double colonnade around St. Peter's Square in Rome and for the sculpture Ecstasy of St. Teresa.

Answer: Giovanni Lorenzo Bernini

9. This American poet is known for his whimsical and satirical poetry, including distorted rhymes and frequent puns. In one poem, he wagered a set of silk pajamas if someone could find a meaning for the word "llama" with 3 L's. FTP, identify this poet of such collections as Free Wheeling who wrote "Candy / Is dandy / But liquor / Is quicker."

Answer: Ogden Nash

10. His godfather was the French Minister of Finance Turgot, and he worked for Lavoisier at the royal powder works at Essonne. His family fled to America during the Revolution and he took his knowledge of powder manufacture and set up his own powder works on the banks of the Brandywine River in Delaware. FTP, identify this man the founder of the eponymous company, now the largest chemical manufacturer in the world.

ANSWER: EluthÈre IrÈnÈe DuPont

11. With a name literally meaning "itime" or "dark," this Indian deity is frequently depicted with bloodstained teeth and a garland of human skulls. Under the title "Bhavani," this goddess was invoked by the secret brotherhood of murderers known as the Thugs. FTP, identify the Indian goddess of death, the consort of Shiva.

Answer: Kali (prompt on Bhavani on early buzz)

12. The son of an Oklahoma sharecropper, he became police chief of Atlanta and New York and served as drug policy director under President Clinton. In late 1997, he ran for mayor of one of America's largest cities and won, edging out Rob Masbacher. For ten points, name this first African-American mayor of Houston.

Answer: Lee Brown

13. Around 3 AM on September 2 in the house of the king's baker in Pudding Lane, it started, then proceeded through the homes and warehouses on Fish Street. 13,200 houses, the Guildhall, the Custom House, 86 churches including St. Paul's, and the Royal Exchange were ultimately destroyed during its four day span. FTP, what was this event which consumed four fifths of a city in 1666?

Answer: the Great Fire of London (accept equivalents with the words re-arranged, e.g. "London Fire")

14. Born in New York City in 1842, he went to school at Harvard with the intention of studying chemistry but later switched to medicine, becoming a psychologist and philosopher. For ten points, name the man whose works include "A Pluralistic Universe," "The Varieties of Religious Experience," "The Principles of Psychology," and the book subtitled "A New Name for Old Ways of Thinking," "Pragmatism."

Answer: William James

15. Pencil and paper ready. A speed-crazy Vanderbilt student is driving to Knoxville for the Vandy-UT football game. He averages 90 miles per hour for the 180-mile trip there, but with the state troopers out after the game, he drives a conservative 60 miles per hour for the trip back. FTP, what was his average speed for the entire trip?

Answer: 72 mph

16. His last works investigated nonsymmetric field theory, an outgrowth of his work on unified field theory. Because of his forced retirement from the University of Berlin, he worked for the US Navy Ordinance Bureau and taught mathematics at Princeton during World War II. FTP, identify this winner of the 1921 Nobel Prize in Physics for discovering the photoelectric effect, who is best known for his theories of relativity.

Answer: Albert Einstein

17. Born in Newport News, Virginia, and reared in a New York City orphanage, she was discovered performing in a talent show at the age of 16. From 1934 until 1939, she sang with the Chick Webb Band. She also toured Europe frequently with the Oscar Peterson Trio. In 1958 she appeared at Carnegie Hall with Duke Ellington. FTP name this female jazz singer, called the "First Lady of Song," who died in 1996.

Answer: Ella Fitzgerald

18. In an attempt to raise tribute for the Turks, Ferneze seizes the property of the title character, Barabas, and others like him. Barabas seeks revenge on Ferneze and his other enemies, but is betrayed and dies the death he had planned for others. FTP, this is the plot of what anti-Semitic blank verse drama by Christopher Marlowe?

Answer: The Famous Tragedy of the Rich Jew of Malta

19. In its size and biochemistry this organelle present in both plant and animal cells resembles bacteria because it has its own DNA and some ribosomes. It is composed of two membranes, each a lipid bilayer, and its interior includes folds are known as cristae. It contains enzymes, which break down the products of glucose for ATP formation. FTP, name this organelle which carries out aerobic respiration.

Answer: Mitochondrion (accept the plural form Mitochondria)

20. One began in Australia in 1851, another in South Africa in 1886, and another in Colorado in 1859. The two most famous examples were the 1896 one to the Klondike and the one sparked in 1848 at Sutter's Mill, California. FTP, what are these phenomena in which thousands of people flock to an area in search of a precious metal?

Answer: gold rush

21. He attended seminaries at Adelberg and Maulbronn before studying theology, philosophy, and mathematics at Tübingen. His works include *Cosmographic Mystery*, *New Astronomy*, and *Harmonies of the World*, and in 1600 he became Tycho Brahe's assistant in Prague. FTP, identify this man who postulated three laws of planetary motion.

ANSWER: Johannes Kepler

22. Educated at Brown University, he took his father's billboard advertising business and expanded it into a communications and advertising empire. Named yachtsman of the year in 1970, he successfully defended the America's Cup in 1977. FTP, name this media mogul who owns the Cable News Network and the Atlanta Braves.

ANSWER: Ted Turner

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Bonuses

1. Identify the Roman emperor based on a description of his accomplishments for the stated number of points.
 - A. 5--After defeating Antony and Cleopatra at Actium, he became the sole leader of the Roman Republic and the first emperor of Rome.
--Answer: Augustus (prompt on Octavian, Gaius Octavius)
 - B. 10--This subject of books by Robert Graves conquered Britain and was assassinated by his wife, Agrippina the Younger.
--Answer: Claudius
 - C. 15--This late emperor organized the empire into a tetrarchy and, after twenty years as head of state, retired to his magnificent palace in present-day Split, Croatia in 305.
--Answer: Diocletian
2. Given a quote from a Shakespeare play, name the play and the person or people that said the line for 5 points each.
 - A. iFair is Foul and Foul is Fair: Hover through the fog and filthy air
Answer: Macbeth, said by the three witches (accept iweird sistersf for witches)
 - B. iAll the world's a stage, And all the men and women merely playersf
Answer: As You Like It, said by Jacques
 - C. iThis above all: to thine own self be truef
Answer: Hamlet, said by Polonius
3. Answer the following questions concerning words in the King James Bible for the stated number of points.
 - A. For 5 points, what is the first word in the King James Bible?
ANSWER: in
 - B. For 5 points, what is the last word in the King James Bible?
ANSWER: amen
 - C. FTP, what is the last word in the Old Testament of the Bible?
ANSWER: curse
 - D. FTP, what is the first word in the New Testament of the Bible?
ANSWER: the
4. Identify these characters from Arthurian legend, 10 points apiece.
 - A. He killed the Red Knight and was taught the arts and code of chivalry by Sir Gonemans. He was the subject of Richard Wagner's last opera.
Answer: Percival or Parsifal
 - B. He was the illegitimate son of Arthur who fatally wounded his father.
Answer: Mordred (accept Modred)
 - C. This man, Arthur's father, seduced Ygraine in the form of her husband, Gorlois.
Answer: Uther Pendragon

5. On a 30-20-10 basis, identify the American.

30 points: He lived for three years as the adopted son of a Cherokee Indian chief in Tennessee.

20 points: He served as Tennessee's governor before moving to Texas and becoming involved in its struggle for independence.

10 points: He commanded the army that won the Battle of San Jacinto and was twice elected president of the Republic of Texas.

Answer: Sam Houston

6. Identify the chemical or physical constant based on its value and a description.

A. 5--This constant, equal to 6.02 times ten to the 23rd formula units per mole, is frequently used in basic stoichiometry.

--Answer: Avogadro's Number

B. 10--This constant, equal to 6.63 times ten to the negative 34th joules-seconds, is used to convert between the energy and frequency of a spectrum.

--Answer: Planck's Constant

C. 15--This constant, equal to 1.38 times ten to the negative 23rd joules per kelvin, is used in quantum physics and in chemistry.

--Answer: Boltzmann's Constant

7. FTP each, identify the artists of the following works. All of their surnames begin with the same letter.

A. American Gothic

Answer: Grant Wood

B. Arrangement in Black and Gray no. 1: The Artist's Mother

Answer: James Whistler

C. Embarkation from the Island of Cythera

Answer: Jean Antoine Watteau

8. Pencil and paper ready. Take the binary number 101011.

A. 5 points: Translate this number into base 10.

Answer: 43

B. 10 points: Now translate the same number into base 6.

Answer: 111

C. 15 points: Finally, translate this number into hexadecimal or base 16. Remember that the letters A through F are used as digits in hexadecimal.

Answer: 2B

9. Identify the following works of Peter Tchaikovsky FTP each.

A. This opera based on a story by Pushkin tells of a man who rejects a marriage proposal from Tatyana but realizes too late that he loves her.

ANSWER: Eugene Onegin

B. This 1892 ballet features a battle between the title character and the King of Mice and is often performed around Christmas.

ANSWER: The Nutcracker (accept iNutcracker Suite)

C. This piece written to commemorate Napoleon's retreat from Moscow is often played, with cannons firing, on the Fourth of July.

ANSWER: The 1812 Overture (accept iThe Year 1812)

10. For 10 points apiece, given the scientific name of a North American vertebrate, give its class.

1. Trichechus manatus

Answer: mammal ia [note: this is a manatee]

2. Turdus migratorius

Answer: aves (or bird) [note: this is an American robin]

3. Heloderma suspecta

Answer: reptilia (or reptile) [note: this is a Gila monster]

11. Given a South American country, give its most populous city for ten points apiece.

a) Colombia

Answer: _Bogota_

b) Ecuador

Answer: _Guayaquil_

c) Venezuela

Answer: _Caracas_

12. Answer these questions about last year's NCAA basketball tournament for the stated number of points.

A. For 5 points, what team finished second to Arizona for the national title?

Answer: University of _Kentucky_ Wildcats

B. For an additional 5 points apiece, name the two conferences besides the SEC and the Pac-10 that were represented in the Final Four.

Answer: _A_tlantic_ C_oast_ C_onference (ACC_) and the Big 10_

C. Finally, for 15 points, name the lowest seeded team, a 15th seed, to win a game in the tournament.

Answer: _Coppin State_

13. 30-20-10, name the author from works.

(30) _Whilomville Stories_, _Wounds in the Rain_

(20) _Maggie, a Girl of the Streets_

(10) iThe Open Boati, _The Red Badge of Courage_

Ans: Stephen _Crane_

14. Identify these subatomic particles FTP each.

A. The most prominent lepton is this particle with charge of negative 1.

Answer: _electron_

B. Wolfgang Pauli theorized the existence of this electrically neutral particle with a possible rest mass of zero in 1931.

Answer: _neutrino_

C. It is believed that the basic forces between quarks and leptons are carried by these particles, of which the photon is an example.

Answer: _bosons_

15. Identify the French authors of the following FTP each.

A. Fleurs du Mal

Answer: Charles _Baudelaire_

B. The Necklace

Answer: Guy de _Maupassant_

C. Cyrano de Bergerac

Answer: Edmond _Rostand_

16. Answer the following about crime:

A. Identify the three classifications of crimes in common law from most to least serious for 5 points each.

Answer: _treason, felony, misdemeanor_

B. For 15 points: Give the term for a person who, knowing that a crime has been committed, takes active steps to keep the offender from being caught.

Answer: _accessory after the fact_ (prompt on accessory)

17. For 5 points each name in any order the 6 immediate predecessors to William Rehnquist as Chief Justice of the Supreme Court.

Answer: Warren E. _Burger_, Earl _Warren_, Fred M. _Vinson_, Harlan F. _Stone_, Charles Evans _Hughes_, William Howard _Taft_

18. FTP each, identify the composer given a work.

a. iJupiter Symphonyi

Answer: Wolfgang Amadeus Mozart

b. iDanse Macabrefi

Answer: Camille Saint-Saens

c. iRaindrop Prelude

Answer: Frederic Chopin

19. Given a pair of United States Senators, identify the state they represent for the given number of points.

A. (10) Sam Brownback and Pat Roberts

Answer: Kansas

B. (5) Charles Robb and John Warner

Answer: Virginia

C. (10) Jeff Bingaman and Pete Domenici

Answer: New Mexico

D. (5) Robert Byrd and John D. Rockefeller IV

Answer: West Virginia

20. Answer the following questions concerning presidential elections for the stated number of points.

a. FTP, what was the first year in which a presidential election was decided by the House of Representatives due to a lack of majority in the electoral vote?

Answer: 1800

b. F5P each, identify the top two vote-getters in the election of 1800.

Answer: Thomas Jefferson and Aaron Burr

c. Jefferson and Burr actually tied for first place in the electoral vote of 1800. FTP, within five, how many electoral votes did each candidate receive?

Answer: 73 (accept 68 to 78)