

Vanderbilt University ABC XV
Round 5 of 14
(Saturday Morning Round 1)

Tossups

1. This literary character born in 1632 in York left home to become a sailor, was captured by Turkish pirates, and was enslaved at Saltee. He escaped to Brazil and started a sugar plantation, but he was sailing to Africa when his most famous adventure started with a shipwreck. FTP, identify this man who spent 28 years on a deserted island, the last four with his servant Friday, in a book by Daniel Defoe.

Answer: Robinson Crusoe

2. The Beer-Wine Revenue Act, the Jones-Connelly Act, the Black-Connery-Perkins Act, The Gold Repeal Joint Resolution, the Motor Carrier Act, the Wealth Tax Act, the Soil Conservation Act, and the Securities Exchange Act. These were all, FTP, a part of what legislative package, which also included the Federal Emergency Relief Act, the Agricultural Adjustment Act and the Tennessee Valley Authority?

Answer: the New Deal

3. American physicists Ting and Richter provided strong evidence of the existence of these, which were postulated in 1963 by George Zweig and Murray Gell-Mann. Components of all hadrons, three of them compose a baryon and two of them make up a meson. Until 1995, only five types had been found, but in that year evidence of the sixth flavor, the itop,î was found. FTP, name these building blocks of protons and neutrons.

Answer: quarks

4. When a sculpture of Balzac that this man was commissioned to cast was seen with the arms hidden under a cape in a suggestive position, the commission was rescinded. Many of his most famous works originally appeared as panels in his Gates of Hell. Based on the influence of The Slave, by Michaelangelo, he deliberately left The Kiss unfinished. FTP, who was this impressionist sculptor best known for The Thinker?

Answer: Auguste Rodin

5. He received a forcefully worded warning from Cardinal Robert Bellarmine in 1616, but refused to cease his activities. His failure to do so led to a visit to the Inquisition in Rome in 1633, but his sentence of life imprisonment was commuted to house arrest. FTP, identify the Pisan scientist whose controversial books The Assayer and Dialogue on the Two Chief World Systems stemmed from his invention of an effective telescope.

Answer: Galileo Galilei

6. He was the American League Manager of the Year in 1969 with the Washington Senators. As a baseball player himself, he hit over five hundred home runs, although he lost five years of his career serving as a flyer in two wars. This left-handed outfielder with a lifetime .344 average won the Triple Crown twice. FTP, identify this Red Sox player, who in 1941 was the last to have a .400 batting average for a season.

--Answer: Ted Williams

7. Its author reproduced the basic thematic conflicts and family traditions of The Spy in this 1823 work. Remarkable Pettibone, Jotham Riddel, Billy Kirby, Hiram Doolittle, Judge Temple, and Natty Bumppo are among the characters in the novel. FTP, name this detailed portrait of frontier life in America, the first of James Fenimore Cooper's Leatherstocking Tales.

ANSWER: The Pioneers

8. This people probably established their first settlements around 2500 BC. They did not form a unified state, but rather a group of city-kingdoms, which included Simyra, Berytus, and Tyre. Called Sidonians in the Old Testament, these people were related to the Canaanites of ancient Palestine. FTP, name this Semitic race, which was noted for its prowess sailing and trading throughout the Mediterranean region.

Answer: Phoenician_s

9. Pencil and paper ready. Find the roots of the following equation: $x^3 - 12x^2 + 35x - 42 = 0$.

Answer: x= 3, 2, and 7_

10. Born Agnes Gonxha Bojaxhiu in Macedonia in 1910, in 1928 she went to Ireland to join the Institute of the Blessed Virgin Mary. Later, she founded Shanti Nagar, a leper colony, through her Order of the Missionaries of Charity. FTP, name this woman who received the Nobel Peace Prize in 1979 and who passed away in September 1997.

Answer: Mother _Teresa_

11. Mikey Walsh and his friends discover a lost map in his attic. Following the map, the gang of children, including Stef, Andy, Mouth, and Chunk, come upon the hideout of a Fratelli mob. Pursued by the Fratellis, they follow the map through secret caves and past treacherous traps to find the lost gold of a pirate, One-Eyed Willy. FTP, this describes what 1985 Richard Donner film starring Corey Feldman and Sean Astin?

--Answer: The _Goonies_

12. He was bowling at Plymouth Hoe when he was told of his greatest victory, and he simply continued to bowl and gave an order to prepare to sail. A year later he died in a raid on the West Indies, but before he died he managed to be the first Englishman to circumnavigate the world, which he accomplished aboard the *Golden Hind*. FTP, identify this naval hero who defeated the Spanish Armada.

ANSWER: Sir Francis Drake

13. This element, a strong and malleable metal, makes up about 0.01% of igneous rocks. Moderately hard, with a rating of 3.8 on the Mohs scale, this element melts at 2651 degrees Fahrenheit. It is used to make corrosion-resistant alloys, particularly stainless steel. For ten points, name this element with atomic number 28, the major component of most American coins.

Answer: _Nickel_

14. Two men are tricked by the Queen of Night into trying to rescue a woman from the castle of Sarastro, who is actually good. The two men triumph over Sarastro's enemies and save Pamina with the help of some enchanted bells and the title item. FTP, name this opera featuring Prince Tamino and Papageno, a 1791 work by Mozart which is named for an amazing musical instrument.

Answer: The _Magic Flute_ (accept Die _Zauberflote_)

15. Its roots are in the British associationist school of philosophical thought, the American functionalist psychological school, and strict Darwinian thought. First developed in the early twentieth century by American psychologist James B. Watson, this school shifted the focus of psychology away from internalized thought toward the actions of the subjects. FTP, identify this psychological school most closely associated with B.F. Skinner.

Answer: _behaviorism_

16. The main source of information about his life is a biography in the Shih-chi by Ssu-ma Ch'ien. He supposedly lived one hundred and fifty years, and his friends included Tan, a Chinese astrologer, and Tao-Lai, a fellow philosopher. In one legendary story, he arrived at the Hsein-ku pass, and the guardian of the pass asked him to compose a book which later became the Tao-te-Ching. FTP, identify this founder of Taoism.

--Answer: _Lao-tzu_

17. The structure of this poetic form was first laid out by the Italian poet Guittone of Arezzo in the 13th century. Introduced to England by Wyatt and Surrey, it was adapted into several forms differing from the original Italian. FTP, identify this poetic form which can be written in Spenserian, Petrarchan, or Shakespearean form.

Answer: the sonnet

18. A severe beauty, she was the daughter of Cronus and Rhea. She fled to Arcadia to evade her suitor Poseidon, perhaps originating the myth of that land as an agrarian paradise. Particularly honored in Thessaly under the name of Despoena, Zeus mated with this goddess while both were in the form of cattle. FTP, name the goddess whose daughter Kore, the result of Zeus' lust for her grain-like hair, was also called Persephone.

Answer: Demeter

19. Produced by bacteria, protozoans, mosses, ferns, and fungi, these objects are enclosed by a thin cell wall to allow quick germination, and can grow into new individuals without uniting with another reproductive cell. FTP, what are these organisms which fungi, including mushrooms, drop in order to reproduce asexually?

Answer: spores

20. Its head streams are the Mara^oon and the Ucayali Rivers. Its major tributaries include the Negro and the Madeira. During a brief trip into its mouth in 1500, Vincente Pinzon spotted bare-breasted women on its shores, leading to its name. FTP, what is this river, the second longest in the world but the largest in terms of volume?

Answer: Amazon

21. Born in 1859, he began writing poetry at age 8. He wrote most of his poems during the 1890s on melancholy themes such as the end of youth and life. FTP, name this poet whose works include "They Say My Verse is Sad: No Wonder," "When I was One and Twenty," and "To an Athlete Dying Young."

Answer: A.E. Housman

22. In a given circuit, two resistors with resistances of 12 ohms and 6 ohms are placed in parallel. This combination is placed in series with another 6 ohm resistor, and this combination is then placed in parallel with a 10 ohm resistor. FTP, find the total resistance of the circuit.

Answer: 5 ohms

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Bonuses

1. Show your knowledge of your host university by naming the following people who attended Vanderbilt FTP each.

A. This man was the first U.S. poet laureate and wrote the Pulitzer Prize-winning *All the King's Men*.

Answer: Robert Penn _Warren_

B. This famous sportswriter coined the phrase that it's not whether you won or lost, but how you played the game.

Answer: Grantland _Rice_

C. After being Speaker of the House from Texas, he served as Franklin Roosevelt's vice president from 1933 to 1941.

Answer: John Nance _Garner_

2. Name the biological scientists who came up with the following FTP each.

A. The binomial system for naming plants and animals.

Answer: Carolus _Linnaeus_

B. The concept of conditioned reflex in animals.

Answer: Ivan _Pavlov_

C. Defined the cell as the basic unit of animal and plant structure.

Answer: Theodor _Schwann_

3. Identify these terms from political science FTP each.

A. The Constitution says that a majority in attendance in each house of Congress constitutes this, the minimum number of members of an organization needed to make its business valid.

Answer: _quorum_

B. This apportioning of electoral districts to give political advantage to a party is named for a Massachusetts governor.

Answer: _gerrymander_ing

C. Nebraska is the only state not to use this system which calls for two houses or chambers for making the law.

Answer: _bicameral_ system

4. Given a quote from a poem, say who wrote that poem FTP each. You'll get five if you need the title of the poem.

A. 10) If Winter comes, can Spring be far behind?

5) Ode to the West Wind

Answer: Percy Bysshe _Shelley_

B. 10) The woods are lovely, dark and deep. But I have promises to keep, and miles to go before I sleep.

5) Stopping by Woods on a Snowy Evening

Answer: Robert _Frost_

C. 10) Had we but world enough, and time

5) To His Coy Mistress

Answer: Andrew _Marvell_

5. FTP each, answer the following concerning a peace treaty negotiated by Theodore Roosevelt in 1905.

A. What was the name of the treaty?

ANSWER: Treaty of Portsmouth

B. The treaty put an end to what war?

ANSWER: Russo-Japanese War

C. One of the conditions of the Treaty of Portsmouth was that Russia surrender what Chinese seaport over which much of the fighting had occurred?

ANSWER: Port Arthur

6. Solve the following probability questions for 10 points each. Remember to reduce all fractions to their lowest terms.

a. A sock drawer contains 6 black, 2 brown, and 8 white socks. You reach in the drawer in the dark and pull out 4 socks. What is the probability that you have at least one matching pair?

Answer: _1_ (or _you must have a matching pair_)

b. You put all the socks back in the drawer and remove all but one of them. What is the probability that the remaining sock is black?

Answer: _3/8_

c. Again you put all the socks back into the drawer, then take two socks out without looking. What is the probability that you have a matching pair?

Answer: _11/30_

7. Identify these groups from Greek mythology FTP each.

A. They had maiden's features with the body of a bird from the waist down, and they sang so beautifully that no man could resist.

Answer: _Sirens_

B. Those who observed this group turned to stone. They had golden wings, tusks like swine, and were snake-haired.

Answer: _Gorgons_

C. This group of three goddesses personified beauty and charm, and love flowed from their eyes. They were attendants to Aphrodite and Eros.

Answer: _Graces_

8. Given the name of a vitamin, identify its letter (and number if necessary) FTP each.

A. Riboflavin

ANSWER: B2 (prompt on iBî)

B. alpha-Tocopherol

ANSWER: E

C. Thiamine

ANSWER: B1 (prompt on iBî)

9. Name the artists of the following works somehow related to the mind and emotions FTP each.

A. The Persistence of Memory

Answer: Salvador _Dali_

B. Melancholia

Answer: Albrecht _Durer_

C. The School of Athens

Answer: _Raphael_ (accept Raffaello Sanzio)

10. Answer the following questions relating to the medieval social and economic system of feudalism.

a) FTP, this was the basic economic unit of medieval society. The name specifically refers to the central house of the feudal master and, by extension, the surrounding estate.

Answer: manor

b) FTP, this was the basic land unit of the feudal system. Land was distributed in these parcels from nobles higher on the feudal hierarchy to their inferiors.

Answer: fief (accept benefice)

c) For five points each, these were the two procedures each vassal underwent to show his loyalty to his lord.

Answers: fealty and homage

11. Identify the 20th century American play based on a description FTP each.

A. George Gibbs and Emily Webb, residents of a small New England town, marry, but she dies in pregnancy. The play by Thornton Wilder includes a Stage Manager who speaks to the audience.

--Answer: Our Town

B. This largely autobiographical play by Eugene O'Neill examines one day in the life of the disillusioned Tyrone family; it won O'Neill a posthumous Pulitzer Prize.

--Answer: Long Day's Journey Into Night

C. In this play by Edward Albee, a middle-aged professor, his wife, and a younger couple engage in an drinking bout full of malicious games, insults, and painful, self-revealing confrontations.

--Answer: Who's Afraid of Virginia Woolf

12. Identify the colorful nicknames of the following universities FTP each.

a. University of Syracuse

Answer: Orangemen

b. St. John's University

Answer: Red Storm

c. University of Minnesota

Answer: Golden Gophers

13. For the stated number of points, given a state motto, identify the state.

A. For 5 points, iUnited we stand, divided we fall.i

ANSWER: Kentucky

B. FTP, iLive Free or Die.i

ANSWER: New Hampshire

C. For 15 points, iLiberty and union, now and forever, one and inseparable.i

ANSWER: North Dakota

14. On a 30-20-10 basis, name the religion.

30: According to its believers, this religion is eternal and has been revealed through the successive ages of the world by the Tirthankaras.

20: This religion divides the world into two categories: jiva, the soul or living substance, and ajiva, the non-soul or inanimate substance.

10: Founded by Mahavira, this religion centers on the great religious figures called jinas and prohibits the harm of any form of life.

Answer: Jain_ism

15. FTP each, identify the Greek letter that represents each of the following in mathematics.

a. represents sum

Answer: sigma

b. represents partial derivative

Answer: delta

c. represents infinity

Answer: omega

16. Identify the composers of the following pieces FTP each. All of their names begin with the same letter.

A. Bolero

Answer: Maurice Ravel

B. Rhapsody on a Theme of Paganini

Answer: Sergei Rachmaninoff

C. The Barber of Seville

Answer: Gioacchino Rossini

17. 30-20-10, Identify the author from works.

30 - Diamond As Big As The Ritz, The Crack-Up

20 - The Beautiful and the Damned, Tales Of The Jazz Age

10 - Tender Is The Night, The Great Gatsby

Answer: F. Scott Fitzgerald

18. Identify the prominent politicians from their illicit loves FTP each.

A. This president was rumored to have had affairs with many women including Marilyn Monroe.

Answer: John Fitzgerald Kennedy

B. He showed that such things ran in the family when his poor driving skills resulted in the death of his friend Mary Jo Kopechne on Chappaquiddick Island.

Answer: Senator Edward Tedi Kennedy (accept Edward Kennedy)

C. This politician represented Chicago's South Side but is presently serving a five year prison term in part for illegal sexual relations with an underage campaign worker.

Answer: Reynolds, Mel

19. For the stated number of points, give the SI units of the following measurements.

A. For 5 points, pressure.

ANSWER: Pascal

B. FTP, luminous intensity.

ANSWER: Candela

C. For 15 points, inductance.

ANSWER: Henry

20. Given a date, name the significant battle which took place on that date for the stated number of points.

A. 5 points: October 14, 1066

Answer: Battle of Hastings

B. 10 points: June 17, 1775

Answer: Battle of Bunker Hill

C. 15 points: September 23, 480 BC

Answer: Battle of Salamis