

Round 3: QOTC IX: March 25, 2000

Questions by: David Hayes, James McGhee, Erik Kennedy, John McClain  
Also by Jonah Volk and Ben Schak.

### TOSSUPS

1. This contemporary of Plato wrote his own "Republic," which described a lawless utopia where men lived supposedly natural lives. His philosophy had as its key concepts self-sufficiency, shamelessness and outspokenness. But he taught more through his own personal conduct than by thought. FTP, name this cynic philosopher, who once went through Athens with a lantern in daylight, looking for an honest man.

ANSWER: \_Diogenes\_

2. Named after a member of Napoleon's "Legion of Culture," its terms with large coefficients represent important harmonics. Its terms are summed from infinity to negative infinity in its complex form and from 0 to infinity in its real form. If the function it represents satisfies the Dirichlet (deer-a-SCHLET) conditions, it converges to  $f$  of  $x$  where  $f$  of  $x$  is continuous and, at jumps, to the midpoint of the jump. FTP, name this mathematical representation of any periodic function as an infinite sum of sine and cosine functions.

ANSWER: \_Fourier\_ series or \_Fourier\_ expansion or \_Fourier\_ analysis

3. This poet's first collection, "The Third Snow," won official Soviet praise in the 1950s, but this approval was short-lived. Reviving the brash, colloquial language of Mayakovsky and Yesenin, he championed intellectual freedom and an international poetic community, decidedly un-Soviet themes. FTP name this poet of "Zima Junction," "Babi Yar," and "Bratsk Station."

ANSWER: \_Yevgeny \_Yevtushenko\_

4. Secretary of State William Marcy received a joint communiqué from the U.S. ministers to Spain, France, and Great Britain. The three ministers - Pierre Soule (soo -LAY), John Mason, and James Buchanan - had met in Belgium to draft a statement that later showed the limits of Manifest Destiny and created a scandal during Franklin Pierce's presidency. FTP, give the name of this controversial 1854 dispatch urging the seizure of Cuba, named after a Belgian city.

ANSWER: \_Ostend Manifesto\_

5. This movement grew around the "Sefer ha-zohar" or "Book of Splendor," a 13<sup>th</sup>-century book that discusses the ten sefirot, emanations or realms of God, which explain the workings of the universe. Later, Isaac ben Solomon Luria developed several of its doctrines, which later influenced modern Hasidism. FTP, name this esoteric Jewish mysticism.

ANSWER: \_Kabbala\_ (accept \_Spanish Kabbala\_ or \_Lurianic Kabbala\_)

6. Following World War I, this man lost all of his money, which he had invested in Austrian State Bonds. He had a sexual affair with his wife's younger sister, and may have had homoerotic feelings at one point towards Karl Jung. In a review for the "Criterion," T.S. Eliot called his "Future of an Illusion" "shrewd yet stupid," citing his "verbal vagueness and inability to reason." His parapraxes have become such a popular concept that have become his namesakes. FTP, name this winner of the 1930 Goethe Prize who devised the Oedipus Complex and wrote "The Interpretation of Dreams."

ANSWER: \_Sigmund (Sigismund) \_Freud\_

7. Their first album in 1994 was self-titled and is affectionately referred to by fans as "The Blue Album." Blending guitar fuzz and syrupy lyrics, they were hailed as pioneers of the "geek-rock" genre. Their second effort was an in-depth rock study of "Madame Butterfly" entitled "Pinkerton." FTP, name this band whose hits include "My Name is Jonas," "Say it Ain't So," and "The Sweater Song."

ANSWER: \_Weezer\_.

8. It was originally planned by Robert Catesby, John Wright, and Thomas Winter who brought together several other men including a now-infamous soldier who had been serving in Flanders. After its failure, most were executed, as was Henry Garnett, the superior of the English Jesuits. It was brought to light when the brother-in-law of one of the conspirators received a letter urging him not to attend Parliament on opening day. FTP name this attempt to blow up the Parliament buildings and King James I, for which Guy Fawkes is burned in effigy.

ANSWER: \_The \_Gunpowder Plot\_

9. Billions of these hypothetical particles may rush through your body every second. An Italian team of scientists recently reported that one kind of these, the neutralino, may be new candidates for dark matter. The Italians' neutralino is its own antiparticle and has the approximate mass of a nickel atom. FTP, name this hypothetical class of particles, the acronym of which is appropriate for its eponymous physical force.

ANSWER: \_WIMP\_ or \_weakly interacting massive particle\_

10. They are surrounded by a membrane called the tonoplast. Immature plant cells contain numerous of them, which eventually form into one large one that takes in water and increases the cell's size. Wastes may be recycled in them or form crystals in them. For ten points, name these organelles that are plant cells' equivalent to the lysosome, whose name comes from the fact that they have no internal structure, or are empty.

ANSWER: \_Vacuole\_ or \_vesicle\_

11. "The Nature Cruise of the Century" is about to embark on the eve of world fiscal and military disaster. Aboard the ship are an ex-"boy whore," a schoolteacher, six cannibal girls, a computer programmer and his tiny supercomputer, Mandarax. Little do its passengers know that they are destined to form the entirety of the human gene pool. FTP name this Kurt Vonnegut novel named for Charles Darwin's worksite.

ANSWER: \_Galapagos\_

12. His recent work includes a short story collection titled Smoke and Mirrors, a children's book titled The Day I Swapped My Father for Two Goldfish, and the novels Stardust and Neverwhere. However, he is better known for his comic book writing including Black Orchid, Books of Magic, and the comic which started DC's Vertigo imprint. FTP, name this writer of Sandman.

ANSWER: Neil \_Gaiman\_

13. The first colonists in this town were the Pease family, but they were soon joined by others, including abolitionist students from Lane Theological Seminary in Cincinnati who felt that their previous institution did not support their beliefs. These beliefs would become very important for the town and its inhabitants, three of whom joined John Brown in his Harper's Ferry raid. In fact, according to Nat Brandt's book, it was "The Town that Started the Civil War." FTP, name this north-east Ohio town, home to the first coed college.

ANSWER: \_Oberlin\_

14. It is about the size of France, yet was not seen until 1841. Rear Admiral Richard Byrd established five scientific stations on it, each named Little America from 1928 through 1956. Its average thickness is 1100 ft., but bottom freezing adds 15-20 inches of thickness a year to some portions. FTP, name the world's largest body of floating ice.

ANSWER: \_Ross Ice Shelf\_

15. Functions in this interpreted language overload only on return type, and it has a haphazard exception model. Furthermore, it was originally built without objects or references, so today's programmers are often confused about when to use dollar-signs, at-signs and percent-signs. Its current stable version is 5.004\_05, although the developers' version is 5.5.660. FTP, name this easy-to-learn language, invented by Larry Wall, which has become virtually synonymous with CGI programming.

ANSWER: \_Perl\_ or \_Practical Extraction and Report Language\_

16. While studying at a university, this man fought a duel and was also thrown in jail for drunken disorderliness. Later in life, he was banished from his home country, after which he published an issue of his newspaper in all red ink. After he joined the working-class League of the Just, he changed their name and wrote their program, which is now his most famous pamphlet. FTP, name this "New York Tribune" correspondent who wrote that all history is the history of class struggles in his collaboration "The Communist Manifesto."

ANSWER: Karl Heinrich \_Marx\_

17. This English Romantic painter strove to master every style of landscape, as evidenced in his scenes of the sea, such as "Calais Pier." He traveled extensively in Europe, especially drawing inspiration from the Dutch masters, using this influence in paintings such as "Sun Rising Through Water." His later work showed developing abstraction, as his latest works showed their subjects as diffuse shapes in a vibrant mix of color. FTP, name this painter of "Snow Storm" and "Rain, Steam and Speed."

ANSWER: Joseph Mallord William \_Turner\_

18. This progesterone-blocking drug is usually administered in the doctor's office, but it doesn't take effect for about six hours. It was developed by the French pharmaceutical firm Roussel-Uclaf, which donated its US patent rights to a non-profit organization in 1994. Although the FDA has found it to be "safe and effective," others call it a killer. FTP, name this abortion pill, currently marketed by Danco and the Population Council.

ANSWER: \_RU-486\_ or \_mifepristone\_ (prompt on early "abortion pill")

19. This composer's sight-reading abilities were renowned, impressing even Wagner. He was the first Frenchman to write symphonic poems in French, of which examples are "Le Rouet d'Omphale" (le ROO- ay -dom - FAL) and "Phaeton." However, one of his most popular works was originally rejected for performance in Paris due to its portrayal of biblical characters. FTP, name this composer of "Samson et Delila."

ANSWER: Charles Camille \_Saint-Saens\_ (SAN - SANS)

20. Characters in this novel include the title character's parents Walter and Elizabeth, Dr. Slop, Hafen Slawkenbergius, a midwife, and Yorick. The narrator and title character spends a great deal of time discussing his parents' marriage contract, the fact that his nose was

squashed flat at birth, and the concepts of the Humunculus and the Hobby-Horse. However, this character does not appear in much of the novel as he is not born yet. FTP, name this innovative novel published between 1759 and 1767, the masterpiece of Laurence Sterne.

ANSWER: The Life and Opinions of Tristram Shandy Gentleman

21. This politician and polymath was born in Goochland County, Virginia and studied law under George Wythe. He invented a cipher machine as well as the dumbwaiter. Later, he influenced American life much more, including by selling his 6500-book collection to be the basis of the Library of Congress and enacting the Embargo Act. FTP, name this 19<sup>th</sup>-century president.

ANSWER: Thomas Jefferson

22. The plot of this film takes place in 2026. Its main character is Freder Frederson, the son of a master of the city, who falls in love with Maria, a labor leader who comes from the underground city. The main conflict comes when Freder's father conspires with the inventor Rotwang to create a robot version of Maria. FTP, name this Fritz Lang classic of German expressionism, named after the super-city where it takes place.

ANSWER: Metropolis

23. This landmark is located 14 miles upstream from the confluence of its eponymous river and the Parana (PA – ra - NA) River and was first seen by a European when de Vaca visited in 1541. Some of its divisions include the Garganta do Diablo or Devil's Throat and Escondido, or Hidden. It is surrounded by two national parks because of its location between two nations. FTP, name this cataract, which is almost three times as long as Niagara Falls, and which lies on the border of Brazil and Argentina.

ANSWER: Iguacu or Iguassu or Iguazu Falls

24. It was made by Merlin for Uther Pendragon, who gave it to King Leodegran of Carmelide, who in turn gave it to Arthur as part of Guinevere's dowry. It was made in such a way so that none of the king's subordinates could feel any jealousy over placement. FTP, name this famous discoid, at which the Siege Perilous was a seat left open for the finder of the Holy Grail.

ANSWER: the Round Table

25. This Maryland resident has served as U.S. ambassador to the United Nations social and economic council and assistant secretary of state for international organizations. As his Web site will tell you, he is "100% Pro-Life," for abolishing the income tax, and for "American Sovereignty," whatever that is. FTP, name this conservative radio host who finished third in the 2000 Republican Iowa caucus.

ANSWER: Alan Keyes

## BONUSES

1. The valence shell electron pair repulsion theory may have flaws but it still does describe many molecule shapes well. So give the shape predicted by VSEPR of the following atom-electron pair configurations for the stated number of points. Note: X represents bonded atoms, A, the central atom, and E, lone electron pairs.

a) [5] AX<sub>2</sub>

ANSWER: linear

b) [10] AX<sub>3</sub>E<sub>2</sub>

ANSWER: T-shaped

c) [15] AX<sub>5</sub>

ANSWER: trigonal bipyramidal

2. Given a seedy description, name these poets FTPE.

a) [10] This Scottish poet had no less than fourteen children, nine of them out of wedlock. He also collected and adapted bawdy and convivial songs from the Ayrshire (AIR – shur) countryside.

ANSWER: Robert Burns

b) [10] This Romantic poet eloped with Harriet Westbrook when he was 19 and she was 16 and later left her for the daughter of William Godwin, marrying her when Harriet committed suicide.

ANSWER: Percy Bysshe Shelley

c) [10] In a mostly fallacious but very public St Petersburg scandal, this poet was convinced that a Mr. Georges d'Anthes was cheating with his wife. An 1837 pistol duel settled the matter, and the poet.

ANSWER: Aleksandr Pushkin

3. Identify the following regarding Martin Van Buren for the stated number of points.

a) [5] The state from which he hailed

ANSWER: New York

b) [10] The party for which he was a candidate in the 1848 presidential election

ANSWER: Free Soil Party

c) [15] The Maine-Canada border war during his term

ANSWER: Aroostook War

4. Name these map projections. 5-10-15

a) [5] For five points, this projection was invented by a Flemish cartographer and bears his name. Its great advantage is that straight lines plotted on the map show true compass direction.

ANSWER: Mercator

b) [10] For ten points, to minimize size and shape distortion, this projection shows the Earth intermittently, with large gaps in the representation.

ANSWER: Interrupted (accept variations on this, such as Interrupted Goode Homolosine, as long as it contains interrupted)

c) [15] For fifteen points, this projection is based on a plane tangent to the Earth and shows accurate distances and directions from the point of tangency to every place on Earth.

ANSWER: Azimuthal Equidistant

5. For the stated number of points, name these Nobel Prize winners in Physics.

a) [5] He won the prize in 1935 for the discovery of the neutron.

ANSWER: James Chadwick

b) [10] He won the prize in 1939 for the invention and development of the cyclotron and for results obtained with it, especially for artificially radioactive elements

ANSWER: Ernest Orlando Lawrence

c) [15] This author of "The God Particle" won the prize in 1988 along with Melvin Swartz and Jack Steinberger for the first use of a neutrino beam and the discovery of the muon neutrino.

ANSWER: Leon Lederman

6. Name the river on which each of the following cities is located FTPE.

a) [10] Florence, Italy

ANSWER: Arno River

b) [10] Council Bluffs, Iowa

ANSWER: Missouri River

c) [10] Hanoi, Vietnam

ANSWER: Red River or Hong River

7. FTP each, identify these proposed names for U.S. states that weren't adopted:

a) [10] The term from the Book of Mormon meaning "honey bee" that Mormon settlers applied under in 1849.

ANSWER: Deseret

b) [10] The name of a prominent Pennsylvania patriot used by Kentuckians applying for statehood

ANSWER: Franklin

c) [10] Parts of northern California and southern Oregon considered forming a state under this name. The state would have been the poorest in the nation.

ANSWER: Jefferson

8. Answer the following questions about Horace FTP each.

a) [10] While a student in 42 BC, Horace fought against the Triumvirate at the battle of Phillipi under these two famous commanders, five points each.

ANSWER: Marcus Junius Brutus and Gaius Cassius

b) [10] Horace published his first volume of this in 35 BC consisting of 10 poems in hexameter verse which stated firmly Horace's rejection of public life.

ANSWER: Satires

c) [10] After the wars, Horace received a house and farm that gave him great pleasure. The house and farm were located in these hills.

ANSWER: Sabine hills

9. FTP each, answer these questions about U.S. Army infantry infrastructure.

a) [10] Two of these units make up a platoon.

ANSWER: Squad

b) [10] Two or more platoons make up one of these units.

ANSWER: Company

c) [10] This unit is composed of three or more companies.

ANSWER: Battalion

10. Name these members of the Medici family FTSNP.

a) [5] He became leading citizen of Florence upon his 1434 return from exile

ANSWER: Cosimo

b) [5] The younger brother of Lorenzo, assassinated in 1478

ANSWER: Giuliano

c) [10] The regent of France from 1560 to 1574.

ANSWER: Catherine

d) [10] The illegitimate son of Giuliano, he became pope in 1523 and refused to annul Henry VIII's marriage to Catherine of Aragon.

ANSWER: Pope Clement VII or Giulio d'Medici

11. Let's test your knowledge of algae. For ten points each, name either the phylum of algae or the name for members of the phylum from a description.

a) [10] Their name comes from Greek for "whirling" because the undulations of the two flagella wrapped around the cell body propels them through the water like spinning tops. Blooms of these algae cause red tides.

ANSWER: Dinoflagellate or dinoflagellates

b) [10] Most of these algae are unicellular with no flagella. Their cell walls consist of two shells that overlap where they fit together. Glass-like silica forms intricate patterns in their shells. The two basic groups are those with radial symmetry (wheel-shaped) and those with bilateral symmetry (boat or needle-shaped).

ANSWER: Bacillariophyta or diatoms

c) [10] All of these algae are multicellular and range in size from a few centimeters to 75 meters. They can be branched filament, tufts, "fleshy ropes," or thick, flattened branches. Kelps belong to this phylum. Algin, which is used in ice cream, marshmallows, and toothpaste, is found in these.

ANSWER: Phaeophyta or brown algae



12. For the stated number of points, name these famous examples of fractal designs.

a) [5] It is the graph of the set of points in the complex plane that don't go to infinity when iterating  $z_{n+1} = z_n^2 + c$ . ( $z - n -$  plus one equals  $z - n -$  squared plus  $c$ ) It is named after the mathematician that coined the term "fractal" and is probably the most common design found on fractal posters.

ANSWER: Mandelbrot set

b) [10] It can be constructed by beginning with a triangle of sides of length 1 and adding a new triangle of  $1/3$  the side to each side and so on to infinity. It is named after the mathematician that first described it and from the fact that it looks like a crystal of solid water.

ANSWER: van Koch snowflake or van Koch curve

c) [15] It is the three-dimensional analogue to Sierpinski's carpet (which is made by removing the center  $1/9$  of a square and then doing the same for the eight remaining square and so on). It has infinite surface area but zero volume. Its name comes from a mathematician and the fact that it looks like a porous cleaning instrument

ANSWER: Menger sponge

13. Name these Akira Kurosawa movies that are not Ran, Rashomon, or Seven Samurai 5-10-15.

a) [5] This 1961 film stars Toshiro Mifune as a ronin who comes to a town divided by two criminal gangs and decides to play them against each other to free the town.

ANSWER: Yojimbo or Yojinbo or The Bodyguard or Yojimbo the Bodyguard

b) [10] This 1957 film is an adaptation of Macbeth set in feudal Japan.

ANSWER: Throne of Blood or Castle of the Spider's Web or Cobweb Castle or Kumonosu jo

c) [15] Kurosawa lost much of his popularity and financial support in Japan for approximately 15 years, during which he made this 1974 film, done in Russian with an all Russian cast about an army explorer who is rescued in Siberia by a hunter.

ANSWER: Dersu Uzala or Derusu Uzara

14. FTP each, give the names of these stanzaic or metric forms.

a) [10] An iambic line of six feet.

ANSWER: Alexandrine

b) [10] A nine line stanza. Eight lines of iambic pentameter and a final alexandrine. The rhyme scheme is ababbcbcc.

ANSWER: Spenserian stanza

c) [10] A foot of two accented syllables.

ANSWER: Spondee

15. For ten points each, identify the components of linguistics from a description.

a) [10] The articulation, or production, and perception of speech sounds

ANSWER: Phonetics

b) [10] The interpretation and meanings of words and sentences

ANSWER: Semantics

c) [10] The study of forms, or how elements are combined to create words.

ANSWER: Morphology

16. Given the former name of a city, give its present name, FTPE.

a) Bombay

ANSWER: Mumbai

b) Leopoldville

ANSWER: Kinshasha

c) Batavia

ANSWER: Jakarta

17. Name the architect from works: 30-20-10

a) [30] General Motors Technical Center, Dulles International Airport

b) [20] Jefferson National Expansion Memorial

c) [10] TWA terminal at JFK Airport

ANSWER: Eero Saarinen

18. Given a country and a year, name the monarch who ruled the country in that year FTPE.

a) [10] France, 1600

ANSWER: Henry IV

b) [10] Great Britain, 1720

ANSWER: George I

c) [10] Russia, 1820

ANSWER: Alexander I

19. Name the composer, 30-20-10

a) [30] He composed "General William Booth Enters into Heaven" in 1914 for Vachel Lindsay's poem.

b) [20] His works were generally unknown until the performance of his second piano sonata "Concord."

c) [10] Born in Danbury, Connecticut, in 1874, this insurance salesman's music explores avant-garde themes such as atonality and experiments with quarter-tones, while also exploring American life in "A Symphony: New England Holidays," and "Central Park in the Dark."

ANSWER: Charles \_Ives\_

20. 5-10-15. Name these Jack Kerouac novels from descriptions:

a) [5] Sal Paradise and Dean Moriarty jaunt around the US in this 1957 novel which "sold a trillion Levis and a million espresso coffee machines" and inaugurated the Beat movement.

ANSWER: \_On the Road\_

b) [10] Beginning with a literary rendition of the famous "Howl" reading at Gallery Six, this 1958 novel tracks Ray Smith from decadence in Berkeley to his ascetic summer as a ranger on Desolation Peak, Washington.

ANSWER: \_The Dharma Bums\_

c) [15] Concerning Kerouac's friend Bill Garver's morphine addiction, Allen Ginsberg described this 1960 novel as "a narrative meditation studying a hen, a rooster, a dove, a cat, a Chihuahua dog, family meat, and a junkie, first in their crowded bedroom, then out to the drunken streets and taco stands at dawn in Mexico City slums."

ANSWER: \_Tristessa\_

21. Pete Rose, take notice. For 5-10-15 name these old-time baseball players who had some infamous incidents of their own.

a) [5] This Tiger holds second place on the all-time hit list and batted .367 for his career. He also disfigured a black assailant with a gunshot and beat up a fan with no arms. This didn't stop him from being elected to the Hall of Fame on the first ballot in 1936.

ANSWER: Ty \_Cobb\_

b) [10] This pitcher won 53 games for the White Stockings in 1885. Following up on his success, he slashed his wife to death with a razor. He eventually won 327 games and was elected to the Hall of Fame.

ANSWER: John \_Clarkson\_

c) [15] A notorious drunk, this Louisville Colonel still managed to bat .402 in 1887 and .343 lifetime, 10th best ever. During one game he doubled to start a rally, took his lead off of second base, and fell asleep.

ANSWER: Pete \_Browning\_

22. Answer these questions about the lays of the "Elder Edda" FTPE.

a) [10] Some of the lays are concerned with the conflict between Brunhild and this woman, the sister of Gunnar and wife of Sigurd.

ANSWER: \_Gudrun\_

b) [10] In the "Skirmismal," this god falls in love with a giant maiden and uses his messenger Skimir to win her over.

ANSWER: \_Freyr\_

c) [10] The "Atlakvida," or "Lay of Atli," concerns the actions of this real-life 5<sup>th</sup>-century Germanic king.

ANSWER: \_Attila\_

23. If your parents are anything like mine, they have probably already told you to start putting money away for retirement, and if you're anything like me you've probably done nothing about it yet. But let's see if you've done any research yet. For the stated number of points, name the following retirement funds from a description.

a) [5] This type of fund was created in 1997 to begin tax year 1998. It allows individuals to make non-deductible contributions into an individual retirement account and withdraw the funds tax-free. The earnings accumulated in it may also be withdrawn tax-free. To qualify for tax-free withdrawals, certain triggering events must be met.

ANSWER: \_Roth IRA\_ (or \_Roth Individual Retirement Account\_)

b) [10] This fund allows for employers to make deductible contributions for its employees and allows for employees to defer a portion of their salaries towards retirement. The funds in this plan accumulate earnings on a tax-deferred basis and are not taxable until withdrawn by the employee.

ANSWER: \_401(k) Plan\_

c) [15] This retirement account was created to allow employers with less than 100 employees to establish a retirement plan that would benefit its employees. It allows for both the employers and the employees to contribute towards the plan through deductible employer contributions and employee deferrals.

ANSWER: \_Simple IRA\_ (or \_Simple Individual Retirement Account\_)

24. Identify the following regarding controversial Braves pitcher John Rocker FTPE.

a) [10] The New York City locale where Rocker claimed that you can walk for a block without hearing English spoken

ANSWER: \_Times Square\_

b) [10] The number of the Manhattan-to-Queens train he claimed resembled a ride through Beirut

ANSWER: \_7\_ train

c) [10] The Georgia city from which Rocker hails

ANSWER: \_Macon\_

25. Name these Native American religions or sects FTPE.

a) [10] This religion grew around Wovoka, who saw a vision of God, who commanded him to teach dance and prophesize the return of the dead. The religion was blamed for the Sioux uprising that culminated in the Wounded Knee massacre.

ANSWER: \_Ghost Dance\_

b) [10] This is the largest native religious movement, which grew in the mid-19<sup>th</sup> century around the use of mescaline and fought against the U.S. government for its use in court in the 1960s.

ANSWER: Native American Church or Peyotism or Peyote religion

c) [10] This Ojibwa society was a secret society that provided supernatural influence to its members, including the powers of healing and causing death.

ANSWER: Grand Medicine Society or Midewiwin society or Midewiwin

Round 4: QOTC IX: March 25, 2000

#### Questions by Yale A

1. It has bright yellow flowers and grows to a height of one to three feet in the wild. In ancient times, it was believed to drive evil spirits away, hence its name meaning "over an apparition." More recently this herb has been recommended for incontinence and all pulmonary ailments. Most notably, however, people have substituted it for drugs like Paxil and Prozac. FTP, name this herbal antidepressant.

ANSWER: SAINT JOHN'S WORT or HYPERICUM PERFORATUM

2. Anyone who eats the heart of one of these creatures will be able to understand the language of birds, while eating the tongue confers the ability to win any argument. Bathing in their blood grants immunity to stab wounds, and if you sow their teeth in the ground, an army of soldiers appears. FTP, name these usually-fire-breathing giant serpents familiar to St. George.

ANSWER: DRAGONS

3. He took power in 1980, leading an attack on the executive mansion, where he murdered and ritually disemboweled the president. Throughout his presidency he was charged with cannibalizing his enemies, and his country fell into civil war. He was finally overthrown in 1990 as rebels kidnapped him, cut his ears off, let him bleed to death, and sold the video on the streets of Monrovia. FTP, name this Liberian president, erroneously called "Chairman Moe" by Ronald Reagan.

ANSWER: Samuel K. DOE

4. Samer the Pirate walks off the end of the plank and plunges into the icy waters of the Atlantic. When he hits the water, blood gets diverted from his extremities to his heart and brain and his pulse slows. This is a vestigial reflex, more powerful in children, which helps aquatic mammals stay submerged for long periods. FTP name this reflex that aids the infamous swashbuckler in surviving his ordeal.

ANSWER: mammalian DIVING REFLEX

5. He was the first American to ever have an exhibit in London's Tate Gallery. As a teenager, he studied briefly with Reginald Marsh before serving in World War II and obtaining his bachelor and master's degrees at Ohio State. Though his early work concentrated on the American West, he dabbled in Abstract Expressionism before turning to his signature style. FTP name this modern American artist, most famous for his comic-strip style and paintings of Mickey Mouse and Donald Duck.

ANSWER: Roy LICHTENSTEIN

6. Local organizations are called houses and adherents of this religion believe in one supreme being, but also in spirits known as orishas, which have human-like behavioral characteristics. Priests have ache, the magical powers of the orishas. A fusion of Roman Catholicism with traditional Yoruba beliefs, it calls its supreme being Olodumare and is most popular in Cuba. FTP, name this Afro-Caribbean religion.

ANSWER: SANTERIA

7. Actively involved in the humanist movement, his autobiography was called *Commentarii* and written from 1447 to 1448. Born in 1378, his students included Paolo Uccello and Donatello. Major works of his include three bronze statues of saints in the Or San Michele and reliefs for the Siena Cathedral. However, he obtained his best-known commission in a competition with Brunelleschi and Jacopo della Quercia. FTP, name this sculptor, best known for his bronze doors to the Florence Baptistery.

ANSWER: Lorenzo GHIBERTI

8. Angustias, the oldest of five sisters, is being formally courted by Pepe el Romano, but he loves the youngest sister, Adela. After another sister, Martirio, tells Adela that their mother has shot Pepe, Adela kills herself. FTP, this describes what play with an all-female cast, part of the trilogy including Yerma and Blood Wedding and written by Federico Garcia Lorca?

ANSWER: The HOUSE OF BERNARDA ALBA or La CASA DE BERNARDA ALBA

9. He fought for the Confederate side, but was captured at Shiloh. The Union released him when agreed to fight in Federal artillery regiment, but he left after he contracted dysentery. Also known as Bula Matari—"breaker of rocks"—he was born in Wales but emigrated to the U.S. as a teenager. Later, he took a job with Leopold II to explore the Congo, and later led an expedition to rescue Emin Pasha. FTP, name this explorer, rescuer of David Livingstone.

ANSWER: Henry STANLEY