

1. (VT/CS) It describes the womb as a terrible place, "wet, uncomfortable and unprotected," and warns that negative prenatal influences "are enough to send people to institutions all by themselves." Originally published by Hermitage House, this book claimed to have discovered "the dynamic principle of existence" which is "to Survive!" Selling over 150,000 copies in its first year and over 20 million to date, its ideas claim to be based in scientific fact that has never shown up in any literature not published by the author. FTP, identify this book that describes techniques for ridding oneself of engrams, a "mental health" manual written four years before the first Church of Scientology was founded by L. Ron Hubbard.

Answer: **Dianetics: The Modern Guide to Mental Health**

2. (VT/CS) In 1996 a team from the University of Tokyo led by Yasushi Ikebe studying the galactic cluster Fornax detected this in two distinct regions, suggesting both a slower, cold variant that formed smaller clumps and a faster, hotter type responsible for larger ones. First suggested by Fritz Zwicky in 1933 to account for additional velocity in the Coma cluster, it has become a prevalent concept in astrophysics, with some of the possible constituents designated WIMPs, MACHOs, and axions. Helping to explain gravitational anomalies and describe the distribution of matter, FTP identify this concept used to explain the missing mass in the universe.

Answer: **dark matter**

3. (UT) One of his first decrees called for the immediate dissolution of the United States Congress, although this failed to come to pass. Other edicts included the abolition of the Democratic and Republican parties, the establishment of a bridge linking San Francisco and Oakland, and the declaration that anyone uttering the "abominable word 'Frisco'" would be deemed guilty of High Misdemeanor. He issued currency in his name and was known to have correspondence with Queen Victoria. FTP, name this eccentric figure, beloved in San Francisco, who declared himself Emperor of the United States and protector of Mexico on September 17, 1859.

Answer: **Joshua A. Norton** (accept Emperor Norton I)

4. (UCLA/Cal) In the first season of Babylon 5, a man of this name was president of the Earth Alliance until his assassination in 2259. In Sid Meier's Alpha Centauri, the Spartan faction was headed by a Puerto Rican survivalist with this surname. It identifies the song Ricky Ricardo sang for a television program while handcuffed to Lucy. In Interview with the Vampire, Louis and Claudia encounter a vampire with this name in Paris. The Dominican Republic has one "de los Caballeros," Colombia has one "de Cali," and Argentina has one "del Estero," though another South American country has the most famous city of this name. FTP identify this city on the Mapocho River, the capital of Chile.

Answer: **Santiago**

5. (UT) Alarbus is the first character to die, being sacrificed to the souls of the title figure's deceased sons in his familial catacombs, but later, that same man slays one of his own sons on the steps of the Senate House for defying him. "Enter the empress' sons with Lavinia, her hands cut off, and her tongue cut out, and ravished" is one of the lines that cements the bloody reputation of this play. Dated to the early 1590s, it depicts a fictional Roman general engaged in a cycle of revenge with his enemy Tamora, the Queen of the Goths. FTP, name this tragedy, the sheer brutality of which has historically cast many doubts upon Shakespeare's authorship.

Answer: **Titus Andronicus**

6. (VT/CS) Divided into three classes – *anthozoa*, *scyphozoa*, and *hydrozoa* -- members typically have a body wall composed of three layers: an outer epidermis, an inner gastrodermis, and a middle mesoglea. Organisms in this phylum possess a gastrovascular cavity with a mouth but no anus, a nerve net, radial symmetry, and, in many cases specialized stinging structures called nematocysts. FTP, identify this phylum of aquatic, stinging invertebrates that includes jellyfish and sea anemones.

Answer: **Cnidaria** (accept Coelenterata, though the term is *passé*; do not accept "jellyfish" as anthozoa specifically do not have a jellyfish stage)

7. (CS) His high school classmate Will Eisner helped him break into the business. He tried his hand at gag comics, among them "Jest Laffs," "Professor Doolittle," and "Ginger Snaps." He had a modest success with a comedy-adventure strip, "Peter Pupp," then turned to Caniff-style action series such as "Clip Carson" and "Spark Stevens." These were not so successful; neither were efforts late in his career at TV animation with "Cool McCool" and "Courage the Cat." FTP name this comic artist, whose only big hit introduced the Riddler, the Joker, and the Penguin.

Answer: Bob Kane

8. (VT/CS) It was preceded two months earlier by a series of air skirmishes resulting in a loss of six Syrian fighter planes. In response, Egypt expelled the United Nations Emergency Force from the Sinai Peninsula, increased its military activity near the border, and blockaded the Straits of Tiran to Israeli ships. Fearful of an imminent attack by Egypt, Israel struck first and destroyed 90% of the Egyptian Air Force on the ground. Third in a series of Arab-Israeli conflicts, FTP name this war that left Israel in possession of the Gaza Strip, the Sinai, the West Bank, and the Golan Heights.

Answer: **Six-Day War** (Accept **1967 Arab-Israeli War**, the **Third Arab-Israeli War**, **Six Days' War**, **an Naksah**, or the **June War**)

9. (VT/CS) In 1954 he wrote to Dr Harry Wexler of the U.S. Weather Bureau about satellite applications for weather forecasting, which is credited with introducing a new branch of meteorology. His only novel outside his primary genre is *Glide Path*, inspired by his service as a radar specialist in World War II. After the war, he was involved in the British Interplanetary Society, serving as Chairman for a time. His first published work, written in 1945 but published a year later, was the short story "The Rescue Party;" and subsequent works include *The City and the Stars*, *The Sentinel*, and *Childhood's End*. Residing in Sri Lanka for the past 50 years, FTP name this British-born author of *2001: A Space Odyssey*.

Answer: Arthur C. **Clarke**

10. This piece of program music debuted in the Cathedral of Christ the Saviour on August 20, 1882. Opening with a church chant, it moves from somber notes of the declaration of war and well-wishes made to troops, to the sound of marching soldiers. A folk dance represents Napoleon's defeat at Moscow, and a diminuendo shows the retreat of the French. Near the climax cannons are fired to commemorate the march to France while excerpts from God Save the Tsar and La Marseillaise are played. Used prominently during both *V for Vendetta* and *Caddyshack*, FTP name this work by Pyotr Ilyich Tchaikovsky.

Answer: **1812 Overture** (Accept **Festival Overture: "1812"**, op. 49.)

11. (UT/CS) Research using this as a theoretical approach has computed the physical spectra of geometrical quantities such as area and volume, yielding quantitative predictions on Planck-scale physics, and produced a derivation of the Bekenstein-Hawking black hole entropy formula. It emerged in the 1980s as Amitaba Sen discovered the simple constraints yielded using a self-dual connection as field variable, and a connection formulation of classical general relativity using the the Ashtekar formalism of a self-dual connection and a densitized triad field. This canonical quantum gravity theory seeks to unify quantum mechanics and general relativity. FTP, name this competitor to string theory, which depends on a quantized, rather than continuous, conception of spacetime.

Answer: loop quantum gravity or loop gravity or quantum geometry

12. (VT) Though offered the throne by Hygd, he deferred instead to Heardred, whom he succeeded when the latter was killed while defending Eadgils and Eanmund from their uncle. Some scholars associate the character with Bodvar Bjarki, who unlike the title character was Norwegian, but came by way of Sweden, which at the time was called Geatland. According to J.R.R. Tolkien, this name could be a poetic device to evoke the image of a bear, since it translates as "bee-hunter." Bearer of the mighty blade Hrunting, FTP identify this epic character who ruled the Geats for fifty years before dying in a battle with a fire-breathing dragon.

Answer: **Beowulf**

13. (VT) This title character Went up the Creek, Talked Turkey, Saw Stars, Robbed A Bank, Wasn't There, Saw Red, Smelled A Rat, Went Into The Closet, and Could Read Backwards. Technically there are two contenders for the singular title character, both of whom answer to James Qwilleran. With 28 books Koko, and Yum-Yum, FTP, name this long-running murder mystery series by Lilian Jackson Braun.

Answer: The Cat Who, or Cat Who..., or Braun's Cat(s), etc. (prompt on Cat in case it's just a guess)

14. (UT) It occurred after the victor had captured Lampsacus, while his opponent set up a base to watch him near Sestos. According to Diodorus Siculus, Philocles sailed out with thirty ships, ordering the rest to follow. It is speculated that this was intended to draw the Peloponnesians into an attack on the small force and a surprise counter by the larger following fleet. However, the strategy backfired and the small Athenian force was defeated and the remainder was caught unprepared. FTP, name this naval battle in which the Athenian fleet was all but obliterated and which in 404 BC marked the last major engagement of the Peloponnesian war.

Answer: Battle of Aegospotami

15. (UT) The equivalent of this North American event is known as the Würm in the Alps, Weichsel in Scandinavia, and Devensian in Britain. It began about 70,000 BCE and reached its maximum extent in about 18,000 BCE. This collection of three ice ages, known as the Tahoe, Tenaya and Tioga, is the most recent of the Pleistocene. FTP, name the glaciation which radically altered the geography of North America north of the Ohio river, created the Great Lakes, and is named for the state that now sports Ice Age National Scenic Trail with its trail head at Green Bay.

Answer: Wisconsin or Wisconsin glaciation

16. (VT) It consists of five distinct components: Fajr, Dhuhur, Asr, Maghrib, and Isha'a. Customary texts, such as Dua Kumayl, often accompany more individualized forms. The respective components cannot be completed ahead of time and are supposed to take place at dawn, noon, mid-afternoon, sunset and nightfall as prescribed by Muhammad. FTP identify the pillar of Islam that requires all Muslims to pray 5 times daily.

Answer: **salat** (Prompt on **prayer** and other equivalent phrases before it is read.)

17. (OK) The reactions to the murder Maria Wallis commits and to the murder of Jules Peterson indicate the characters' preoccupation with reputation rather than genuine concern for others. Over the course of the novel, characters such as Albert McKisco become more successful while others like Abe North decline and are eventually killed. The protagonist has an affair with the young actress Rosemary Hoyt, who had been instigating such a relationship for a while. Eventually, his life with his wife Nicole crumbles. FTP, name this F. Scott Fitzgerald novel about psychologist Dick Diver.

Answer: **Tender Is the Night**

18. (CS) It is typically prepared for commercial use in a racemic mixture of its two optical isomeric forms; one of those is found in human and animal blood, while the other is found in sauerkraut, beer, and pickles. First isolated by Carl Scheele in 1780, it's a colorless or yellowish syrupy liquid. During bursts of muscular activity it is blamed somewhat inaccurately for soreness and fatigue actually caused by a hydrogen ion produced when it is metabolized. Also known by the IUPAC name of 2-hydroxypropanoic acid, FTP name this common organic acid with formula C-2 H-4 (OH) COOH, found in yogurt and sour milk.

Answer: **lactic acid** [accept **2-hydroxypropanoic acid** before it's read]

19. (VT/CS) Though his father wanted him to follow in his footsteps as a notary, he was trained as a goldsmith; he also learned geometry from a physician, Paolo Toscanelli. Circa 1415, using mirrors and assuming a single vanishing point to which all parallel lines in a plane must converge, he rediscovered the principles of linear perspective using mirrors. He applied his calculations of scale and perspective in attempting to win commissions for doors to the baptistry "ex aqueo" and the "Gates of Paradise." These contests led to a rivalry with Lorenzo Ghiberti. However, his greatest work came later, when he entered a different contest sponsored by the Medici family. FTP name this architect, creator of the dome of the Florentine Santa Maria del Fiore.

Answer: Filippo **Brunelleschi**

20. (VT/CS) Upon his death in 1957, his vacant seat was filled in a special election by Democrat William Proxmire. A Marine officer in the South Pacific, he was never wounded as he would later claim. He lost a Senate campaign in 1944 while still on active duty, but won on his second try in 1946, where his legislative efforts focused on housing issues and an end to sugar rationing. His path out of obscurity began with a speech to a Republican women's group in Wheeling, West Virginia, where he made the first of a series of unsubstantiated allegations against various government agencies. Brought down by his conduct during 1954 hearings involving his allegations against the U.S. Army, FTP name this Senator best known for his claim that high-ranking State Department officials were Communist sympathizers.

Answer: Senator Joseph **McCarthy**

21. (CS) The epithet of Ștefan cel Mare, a voivod of Moldavia, translates as this. It can be applied to Maximilian, a 17th century Duke of Bavaria; Casimir III and Sigismund II of Poland; Pierre III of Aragon; Waldemar I of Denmark; Mohammed II, Sultan of the Turks; Pope Leo I and Pope Gregory I. FTP what nickname do all these leaders share with Alfred of England, Peter I of Russia, and Alexander of Macedon?

Answer: the **Great**

22. (VT) It is not often treated with traditional psychotherapy because that tends to worsen the condition's symptoms. Instead, it is often treated with mood stabilizers and dialectic behavioral therapy. Nearly two percent of adults suffer from this disorder, and many of those who do self-inflict pain and injuries. FTP, name this disorder that is on the boundary of neurotic and and psychotic symptoms, a disorder exhibited by Susanna Kaysen in Girl Interrupted.

Answer: **Borderline Personality**

23. (VT) It first aired in Japan from October 4, 1995 to March 27, 1996, and contains many references to Judeo-Christian apocrypha, including the Tree of Sephiroth and the Lance of Longinus. It also deals with the psychoanalysis of its main characters and their mental illnesses, as creator Hideaki Anno was going through a bout of depression while writing the story. Its final televised episodes confused many fans and caused some to send death threats to Anno, leading to two feature films to finish the series. FTP, name the post-apocalyptic mecha anime about EVA pilots trying to save the Earth from the Angels.

Answer: **Neon Genesis Evangelion (Accept Shin Seiki Evangelion.)**

1. (CS) Answer the following related questions FTPE:

(10) Winner of the 1953 National Book award, this novel follows the unnamed narrator's disenchanting experiences with fictionalized versions of Tuskegee, Marcus Garvey, and Communism.

Answer: Invisible Man [NOT The Invisible Man, but don't tell them that till the end of the bonus!]

(10) *Invisible Man* was the only novel by this author published in his lifetime, though his unfinished novel *Juneteenth* was edited and published posthumously.

Answer: Ralph Waldo Ellison

(10) If you answered "The Invisible Man" for part 1, we couldn't accept it because that is the title of a classic science fiction novel by this British author.

Answer: H.(erbert) G.(eorge) Wells

2. (VT) FTSNOP, identify these U.S. presidents who held other offices after their term ended:

(5) He went on to become president again after being defeated in his run for a second term by Benjamin Harrison.

Answer: Stephen Grover Cleveland

(10) After leaving the White House in 1829, he served as a National Republican and Whig member of the House of Representatives until his death in 1848.

Answer: John Quincy Adams

(15) He had already served in the provisional Confederate Congress. Had he not died of bronchitis, he would have served in the Confederacy's House of Representatives, having been elected to that body in 1861.

Answer: John Tyler

3. (VT) Identify these eponymous physical concepts FTPE.

The classic expression of the frictional force relates it to the normal force acting on a body at the surface of contact using a proportionality constant known as the coefficient of friction.

Answer: Coulomb friction

This principle states that velocity increases simultaneously with a decrease in pressure, is a simplification of the equation that states that the sum of all forms of energy in a fluid flowing along an enclosed path is the same at any two points.

Answer: Bernoulli's principle (Accept Bernoulli's equation.)

An orbital body cannot approach its primary closer than this distance – the distance at which the tidal forces exerted by the primary exceed the orbital's self-gravitation.

Answer: Roche limit (Accept Roche radius.)

4. (VT) FTPE, identify the following existentialists given descriptions and works.

Despite being identified with both the existentialist and absurdist schools, this French author of *The Stranger* and *The Myth of Sisyphus* frequently denied membership in either.

Answer: Albert Camus

This influential German theologian was an early member of the Frankfurt school. His works include *Systematic Theology*, *The Courage to Be*, and *Dynamics of Faith*.

Answer: Paul Tillich

Another influential theologian with an existentialist leaning was this Jewish author of *I and Thou*.

Answer: Martin Buber

5. (VT) FTSNOP, identify the mountain range from its tallest mountain.

(5) Everest

Answer: Himalayas

(5) Aconcagua

Answer: Andes

(10) Elbrus

Answer: Caucasus

(10) Kosciusko (*koz-cue-sco*)

Answer: Great Dividing Range

6. (VT/CS) FTPE, name these writers of African heritage.

This Nigerian, the 1986 Nobel Laureate, wrote the plays *The Lion and The Jewel* and *Death and the King's Horsemen*.

Answer: Wole **Sovinka**

This South African wrote *Too Late the Phalarope* and *Tales from a Troubled Land*, but his best-known novel was most likely his first, *Cry, The Beloved Country*.

Answer: Alan **Paton**

Nicknamed "Tree Woman", this Kenyan author of *The Canopy of Hope* and *The Greenbelt Movement: Sharing the Approach and the Experience* was awarded the 2004 Nobel Peace Prize.

Answer: Wangari Muta **Maathai**

7. (VT/CS) FTPE, stuff concerning a monarch:

(10) The first Grand Duke of Finland, he assumed the Russian throne after the murder of his father Paul I. He and his Third Coalition allies came out the losers at the battle of Austerlitz.

Answer: **Alexander I** (or Aleksander I Pavlovich)

(10) Following Alexander's death in late 1825, high-ranking officers loyal to Alexander's brother Constantine declared their intent to form a Constitution. The violence that ensued has come to be known by this name.

Answer: **Decembrist** Revolt or uprising

(10) Alexander and Constantine's younger brother, he took an active role in suppressing the Decembrists and solidified his claim on the throne, which he held for almost 30 years.

Answer: **Nicholas I**

8. (VT/CS) Name the Spanish painters FTPE.

Though not born in Spain, this great figure in the Spanish Renaissance was well-loved in his adopted home town of Toledo. One of his most famous altarpieces is *The Disrobing of Christ*.

Answer: **El Greco** or Doménicos **Theotocópoulos**

He was the court painter to King Phillip IV, and his work was of great inspiration to later artists such as Manet and Picasso. Picasso painted a series of interpretations of this artist's *Las Meninas*.

Answer: Diego Rodríguez de Silva y **Velázquez**

Your genial quizmaster thought he hated cubism until seeing the works of this painter. Notable works include *Two Pierrots*, *Le Canigou*, *Homage to Picasso*, *Violin and Fruit Dish*.

Answer: Juan **Gris**

9. (CS) FTSNOP, name these governors who were re-elected in 2006.

(5) California – he is indeed back, just as he promised years ago.

Answer: Arnold **Schwarzenegger**

(15) Michigan -- she and Schwarzenegger share two unique distinctions, the only current Governors born outside the U.S. and the only two who ever appeared as contestants on *The Dating Game*.

Answer: Jennifer **Granholm** [Canadian born, FYI.]

(10) Texas – he was reelected with just 39% of the vote as two popular independent candidates combined for 30%.

Answer: Rick **Perry**

10. (VT) It was produced in Oct. 2006 when an atom of californium was bombarded with an atom of calcium. FTPE: What is the current, working name of this newest element to have been discovered?

Answer: **ununoctium** (yoo-nun-OC-tee-um)

Ununoctium is the second radioactive member of what Periodic Table group?

Answer: **noble gases** (Accept **Group 18**. Accept **Group 0**, even though this is not current chemical nomenclature.)

The discovery of ununoctium was announced jointly by two research institutes, one American and one Russian. Name either for ten points.

Answer: **Joint Institute for Nuclear Research** (Dubna, Russia) **Lawrence Livermore National Laboratory** (Livermore, CA, USA)

11. (VT) Identify these World War I battles FTPE.

Launched in part because French commanders underestimated German strength here, a French attack on Lorraine in Aug. 1914 through the namesake forest was pushed back.

Answer: **Ardennes Forest**

This decisive allied victory of Sept. 1914, forcing the Germans back to the Aisne River, signaled the end of the Schleiffen plan.

Answer: **First Battle of the Marne** (Prompt on **Marne**.)

Lasting almost 11 months in 1916, this was an attempt by German forces to demoralize the French by producing massive casualties in a culturally significant location. The Germans suffered too many casualties of their own to count it as a victory, while the French were given their rallying cry of "They shall not pass."

Answer: **Battle of Verdun**

12. (VT) FTPE, identify the Edgar Allan Poe short stories from characters.

The unnamed narrator and the twins Roderick and Madeline

Answer: The **Fall of the House of Usher**

The unnamed narrator, William Legrand, and Jupiter

Answer: The **Gold-Bug**

Montresor – a narrator who actually gets a name -- and Fortunato

Answer: The **Cask of Amontillado**

13. (UCLA/Cal) Answer these questions about glycolysis. FTPE.

(10) This is the end product of glycolysis, that is oxidized to form Acetyl CoA.

Answer: (2 molecules of) **pyruvate**

(10) Steps one and three consume, while steps six and ten produce, what molecule produced much more prolifically in oxidative phosphorylation?

Answer: **adenosine triphosphate**

(10) The aforementioned four steps are all catalyzed by what general type of enzyme that puts phosphate groups on things?

Answer: **kinases**

14. (UT) FTSNOP, given the title of a James Bond film, identify the singer or group who performed the theme song for it.

(5) Live and Let Die

Answer: Paul **McCartney** and Wings (accept just **Wings**)

(5) A View to a Kill

Answer: **Duran Duran**

(10) The Living Daylights

Answer: **a-ha**

(10) The Man with the Golden Gun

Answer: **Lulu**

15. (VT) FTPE, identify the composer given a choral work and the year in which it was composed.

St. Matthew's Passion, 1727.

Answer: **Johann Sebastian Bach**

See, the Conquering Hero Comes, from the oratorio *Judas Maccabeus*, 1746.

Answer: Georg Friedrich **Händel**

Thanks be to God, from the oratorio *Elijah*, 1846.

Answer: Felix **Mendelssohn**

16. (VT) FTSNOP, name these related items.

Originally published in 1667 in a ten-book form but republished in twelve books in 1674, this epic poem in blank verse dealt with the Fall of Man and the temptation of Adam and Eve.

Answer: Paradise Lost

The resemblance of its alethiometer to a drawing instrument from *Paradise Lost* led the American version of the first book in this series, written in 1995, to be called *The Golden Compass*.

Answer: His Dark Materials

FFPE, name the authors of the above works – *Paradise Lost* and *His Dark Materials*.

Answers: John Milton and Philip Pullman

17. (VT) FTPE, identify these ships involved in the War of 1812.

In an August 19, 1812 battle off the coast of Nova Scotia, this ship earned the nickname “Old Ironsides” after the astonished British saw their cannon shot bounce harmlessly from the frigate’s oak hull.

Answer: USS Constitution

This was the British frigate that was captured and destroyed by the crew of the USS *Constitution* in the battle that gave the ship its famous nickname.

Answer: HMS Guerriere

This British frigate HMS Shannon captured this American frigate. During that battle, Commodore Joshua Lawrence made his famous statement “Don’t give up the ship”

Answer: USS Chesapeake

18. (UT) FTPE, name these Egyptian gods mentioned in songs by the death metal band Nile:

A. This god was portrayed in “Annihilation of the Wicked” as the god responsible for punishment of unbelievers in the afterlife. In reality, he was both a death god, and a patron of the craftsmen who built tombs and burial artifacts. His center of worship was in Memphis, where he became the patron god of the local necropolis.

Answer: Seker (grudgingly accept Sokar or Socharis)

B. This crocodile-headed god began as a demon, due to the Egyptians’ fear of crocodiles. However, due to his association with the Nile River, he took on a more nurturing role as the healer of the dead in the afterlife. He was also credited with rescuing Osiris’s body from the Nile.

Answer: Sobek (also accept Sebek or Suchos)

C. Originally the benevolent patron of Lower Egypt, this god was alternately seen as good and evil. He took his final form as the embodiment of evil as Egyptian society became xenophobic after the defeat of the invading Hyksos.

Answer: Set (also accept Setesh or Sutekh)

19. (VT) FTPE, name the American psychologist from descriptions of their experiments.

His most famous experiment was performed at Yale University. He concluded that normal people will act against their conscience when ordered to do something by an authority figure – in this case, delivering simulated electric shocks.

Answer: Stanly Milgram

This man’s Stanford Prison experiment was cut short when his girlfriend saw the sadism and depression of the subjects.

Answer: Phillip Zimbardo

His conformity experiment, utilizing a vision test, determined that many people will side with the dominant views even if they know they are wrong.

Answer: Solomon Asch

20. (UT) FTPE, identify these concepts from human fetal development:

A. This is the strong membrane that forms around an ovum as it develops in the ovary. The sperm must penetrate it to fertilize the egg. The membrane eventually disappears to allow implantation in the uterus.

Answer: zona pellucida

B. This is a rod-shaped body derived from the mesoderm and running the length of the embryo. In higher vertebrates like humans it is later replaced by the spinal column.

Answer: notochord

C. These masses of mesoderm will eventually become skin, skeletal muscle, and vertebrae. They are found on either side of the neural tube and define the segmental pattern of the embryo.

Answer: somites

21. (VT) FTPE, identify these controversial American religious groups from a description.

Located in Topeka, Kansas, this congregation led by (and mostly related to) Fred Phelps is infamous for protesting military funerals, claiming the soldiers' deaths are God's way of punishing America for tolerance toward homosexuals.

Answer: **Westboro Baptist Church**

The group was founded in 1930 to promote cultural, social, political, and spiritual awareness among Blacks. Louis Farrakhan recently announced that he would cede leadership duties due to illness.

Answer: **The Nation of Islam**

This group was founded in 1968 by David Berg, whose wife Karen has taken over the group since his 1994 death. It was the subject of the first anti-cult group and has been plagued by sexual abuse charges for decades.

Answer: **Children of God or Family of Love or Family International**

22. (VT) FTPE, give the English names for these military ranks based on descriptions of their etymologies

It comes to English through French, but originated from the Latin *serviens*, referring to one "who serves."

Answer: **sergeant**

The term has connections to Ancient Rome, where it referred to the commander of a column of soldiers. It developed the same connotation in modern usage, and comes to English through Italian and Middle French.

Answer: **colonel**

In Old Germanic, it derived from terms for "horse" and "servant" and originally meant "stable keeper."

Answer: **marshal**