

Questions by Georgia B, Oklahoma, and David Moore

1. Characters from this novel include Mike Flynn, who was once a champion runner, and Mrs. Riordan, a pious Catholic governess. Athy befriends the protagonist as a child because they both have unusual names, and in college Lynch listens to his theory of aesthetics. Father Arnall is the Latin teacher at Clongowes, and later delivers a series of lectures on death and hell at Belvedere. Simon is the main character's father, an impoverished former medical student with a strong sense of Irish patriotism. For ten points, what is this book about Steven Dedalus, a novel by James Joyce?

ANS: Portrait of the Artist as a Young Man

2. It was discovered accidentally in 1911 by Heike Kamerlingh Onnes as he worked with mercury. The first commercially produced wire exhibiting this property, niobium-titanium alloy, was developed by Westinghouse in 1962. In 1986, ceramic materials were found to have critical temperatures as high as 35 Kelvin, much lower than mercury's 4.2 Kelvin that Kamerlingh Onnes had observed. For ten points, BCS theory describes what effect found in metals like mercury that lose all resistance when cooled?

ANS: Superconductivity

3. Emperor Charles V was one of the first to advocate the development of this structure and a 1698 Scottish scheme to begin a colony in the New World nearly led to its creation. After Ferdinand De Lesseps failed and a scheme using an alternative location failed, it was finally able to be completed as the Hay-Pauncefote Treaty abrogated British claims to the region and a regional uprising severed the area from Colombia. For ten points, on August 15, 1914, the cargo ship *Ancon* became the first ship to pass through what Central American waterway?

ANS: Panama Canal

4. The Homeric Hymn to Aphrodite, describes the tryst between the goddess and this man who was out tending sheep on Mount Ida. He erroneously believes that Apollo wants the Trojans to sail to Crete instead of to Italy. He dies soon after at Drepanum (dreh-PAH-nuhm), and eventually Aeneas (uh-NEE-us) dedicates funeral games to him. He describes the future glory of Rome when his son visits him in the underworld. For ten points, name this character from Vergil's *Aeneid*, grandfather of Ascanius (as-CAIN-ee-us), consort to Venus, and father of Aeneas.

ANS: Anchises (an-KYE-seez)

5. When first placed outside the Palazzo Vecchio [pah-LAH-tzoh VECK-ee-oh], it replaced Donatello's bronze statue of Judith and Holofernes. Originally begun by Agostino di Ducci in 1464, it was not completed until forty years later by a different artist due to a fault that ran through the center of the marble. It differs from other depictions of the historical figure in that it takes place before the slaying of the giant. Now found in the Accademia Gallery in Florence, for ten points, name this sculptural work by Michelangelo.

ANS: David

6. H. L. Menken, in his *Prejudices*, said in response to this man, "Do I prefer kissing a pretty girl to kissing a charwoman because even a janitor may kiss a charwoman - or because the pretty girl looks better, smells better and kisses better?" In addition to his most famous work, he is also responsible for "Why Is Economics Not an Evolutionary Science," and "The Place of Science in Modern Society." FTP, name this economist who coined the term, "conspicuous consumption" in his most famous work, *The Theory of The Leisure Class*.

ANS: Thorstein Veblen

7. He left his family business, Gray and Sons, to travel the country fulfilling his dream. The pseudonym he now uses came from a particular brand he was working on at the time. His only innate power is an ability to understand how things work, or don't work, just by looking at them. James Walker is his first observed victim, though the first person he killed was Brian Davis to obtain the power of telekinesis. Born Gabriel Gray, for ten points, name this watchmaker turned serial killer played by Zachary Quinto on the television series *Heroes*.

ANS: Sylar (accept Gabriel Gray before it is mentioned)

8. His 1973 funeral became one of the first protests against the government of Augusto Pinochet. Born Ricardo Eliecer Neftali Reyes Basoalto, he served many governmental posts throughout his lifetime including as a senator for the communist party and a consul in the city of Madrid. His experiences during the Spanish Civil War, as well as his Consulship in Mexico turned his poetry away from an individualistic style into a more social aspect. FTP name this poet responsible for Canto General as well as a number of poems featured in the film, *Il Postino*.

ANS: Pablo Neruda

9. Daily intake of this chemical is important to humans since humans are one of the few animal species incapable of producing their own. This acid is a key component to the body's absorption of iron, metabolism of amino acids such as tryptophan, and production of collagen and is therefore needed to ward off a certain disease. For ten points, Charles Glen King was one of the discoverers of what vitamin, important in preventing scurvy?

ANS: Vitamin C or Ascorbic Acid

10. Gen. John Grant attacked along the Bedford Pass to the south as a diversionary tactic, while von Heister's Hessians were sent along the Flatbush Road to dislodge the Colonials under John Sullivan in the center. Earlier in the morning, Generals Clinton and Howe had taken the Jamaica Pass to the north by surprise with most of their forces, thus flanking the Americans before the battle even began. Two days after the defeat, General Washington pulled his men across the East River in a daring night escape. FTP, name this Revolutionary War battle, the first major battle following the Declaration of Independence.

ANS: Battle of Long Island Battle of Brooklyn Heights

11. This principle is sometimes referred to as the *lex parsimoniae*, meaning the "law of succinctness." Justifications of this principle have been made by such men as Karl Popper, Elliott Sober, Jerrold Katz, and Richard Swinburne. It has been applied in biology, probability theory, medicine, and religion where it is often used as an ontological argument to prove that there is no reason to believe or disbelieve in God, disbelief is preferred, as God is not necessary and therefore should not be assumed. For ten points, name this philosophical principle that is often stated as "all things being equal, the simplest solution tends to be the best solution."

ANS: Ockham's Razor

12. He wrote one berceuse in D-flat major, one barcarolle in F-sharp major, one bolero, one cantabile, one contredanse, three ecossaises, and two bourrees. He wrote one fugue, three fantasies, four impromptus, five rondos, and three sonatas written for the same solo instrument as all the works previously mentioned. For this same instrument he also wrote four scherzos, four ballades, twenty-seven etudes, and twenty-one nocturnes. For ten points, name this man who wrote twenty waltzes, twenty-seven preludes, seventeen polonaises and fifty-seven mazurkas, and who is often given the moniker "The Poet of the Piano."

ANS: Frederic Chopin

13. It has been inhabited since the Neolithic Stone Age by several different peoples, including the Ainu and Gilyak. At one point it was disputed between three countries, though the Treaty of Aigun negated the Chinese claims after the Opium War. Because of the Treaty of Portsmouth, Japan still claims possession of its southern part. Located east of the Kuril Islands this is, for ten points, what island, the largest in Russia?

ANS: Sakhalin

14. His first major league stat line read seven innings pitched, six hits, one earned run, one walk, ten strikeouts, and one win. In a summer Koshien game of 1998, he threw 250 pitches in seventeen innings. The next day he pitched relief during the ninth inning and then followed that relief effort the next day by throwing a no-hitter in the final. This performance caused him to be the first pick of the 1998 draft by the Seibu Lions. For ten points, name the man who was allowed to enter Major League Baseball for the 2007 season when the Boston Red Sox paid a record fifty-one million dollar sum to the Seibu Lions for the rights to sign this right-handed pitcher.

ANS: Daisuke Matsuzaka

15. This Chinese dynasty began when the former monk Zhu Yuanzhang joined the Red Turban rebels and successfully conquered all of Southern China in a seventeen-year civil war. After his success, Zhu Yuanzhang took on the name Hong Wu and began a series of reforms meant to reinstate Confucian ideals. A powerful emperorship, public school system, and revitalized examination system were all keystones of, for ten points, what Chinese dynasty, the successor to the Yuan?

ANS: Ming dynasty

16. In Hypata, the protagonist is put on trial for the murder of three men, only to find that he had stabbed wine casks instead and was the object of a practical joke in honor of the god Laughter. One character relates to our protagonist the story of the death of his friend, Socrates, who was murdered by a witch named Meroë. That character, Aristomenes, illustrates one of the central ideas of this work, namely that those who associated with the ill-fortuned are themselves

destined to suffer. This work is most famous, however, as the first to document the story of Cupid and Psyche. FTP, name this work by Lucius Apuleius, which tells of his transformation into the titular animal.

ANS: *The **Golden Ass** or **Metamorphoses***

17. This man lends his name to a type of wave plate used to circularly polarize light by creating phase differences along perpendicular axes. His namesake form of diffraction occurs when a wave is emitted close to the diffractor and changes both size and shape. For ten points, name this French physicist whose "stepped" lens has been used in projectors and lighthouses for its ability to transmit light just as far as thicker lens.

ANS: Augustin Jean **Fresnel**

18. One of his more recent novels, *No Country for Old Men*, is currently being adapted into a movie starring Tommy Lee Jones. He started his career in the Knoxville area, writing such novels as *The Orchard Keeper* and *Outer Dark*. *Blood Meridian*, shows the central character being born in dire circumstances in East Tennessee and within a number of pages he is living in the west, a plot that reflects the author's own rapid journey to the west both physically and stylistically. FTP, name this recent recipient of the Pulitzer for his most recent novel, *The Road*, who is perhaps best known for his Border Trilogy which includes *All the Pretty Horses*.

ANS: Cormac **McCarthy**

19. First observed in the mid-1950's by George Palade, 35% of these organelles are composed of proteins. They differ in size between prokaryotes and eukaryotes, though both types contain a large and small subunit. They can be found in mitochondria, chloroplasts, the cytoplasm, and the endoplasmic reticulum. For ten points, give the name of these protein and RNA conglomerates that translate mRNA into protein.

ANS: **Ribosome**

20. It came into existence as an indirect result of European instability that culminated in the January 1919 Spartacist revolt. While the Spartacist revolt was a communist-led threat, this government soon found itself also threatened by conservatives who resented the Social Democrat party. Reactionaries formed private bands and attempted to seize control of the country in the failed Kapp *Putsch* and Hitler-led "beer-hall" *Putsch*. For ten points, what is this government that led Germany from 1919 until Hitler was named chancellor in 1933?

ANS: **Weimar** Republic

21. A collection of many of his works, including short stories and poetry can be found in *I Can't Go On, I'll Go On*, which takes its title from the final line of one of his novels. As a novelist, he wrote *The Trilogy*, which includes a work in which Moran pursues a fugitive, but becomes insane, *Molloy*, *Malone Dies*, and *The Unnamable*. Some of his better known dramas include one in which a woman is buried up to her waist and then up to her neck, *Happy Day* and *Endgame*. FTP, who is this absurdist playwright and author best known for his 1952 play *Waiting for Godot*?

ANS: Samuel Barclay **Beckett**

22. Reconstruction of inflection in this language's noun system has shown that it had two accusative forms, the definitive and the usual, with no difference in semantics. With the exceptions of Germanic and Iranian languages, this language is thought to have introduced the sound represented by the letter F to all Indo-European languages which now possess it, by way of Latin. This language had much influence on Latin, first through vocabulary, but also through its alphabet, which it adapted from Greek and passed on to the Romans. FTP, name this non-Indo-European language spoken primarily by a people found in northern Italy.

ANS: **Etruscan**

23. Daniel Kahneman, a psychologist at Princeton University, developed the day reconstruction method for determining it. Its four pillars include economic self-reliance, democratic governance, conservation of the environment, and cultural preservation. Maintaining that healthcare, housing, and education statistics can provide a quantitative measure of it, an international conference on this concept was held in Thimphu in 2004. FTP, what is this economic index that examines a country's well-being, developed in Bhutan as a more spiritually friendly alternative to GNP?

ANS: **Gross National Happiness** or **GNH**

1. Given the year and the country for which they won the Nobel Prize for Literature, name the author, for ten points each.
 - (10) 1990; Mexico
ANS: Octavio **Paz**
 - (10) 1945; Chile
ANS: Gabriela **Mistral**
 - (10) 1956; Spain
ANS: Juan Ramon **Jimenez**
2. For ten points each, identify these countries that were formerly part of the Soviet Union.
 - (10) This country was the first to join the Soviet Union after Russia. After independence, it fell into recession, but its people are hopeful that President Viktor Yushchenko will help improve its power.
ANS: **Ukraine**
 - (10) This Baltic nation was invaded by the USSR in 1940, then invaded by Nazi Germany, and then reconquered by the USSR. Despite many purges and deportations, it is now among the wealthiest of the former Soviet republics and also has as its capital the largest city of the Baltic countries.
ANS: **Latvia**
 - (10) In 2005, George W. Bush became the first American president to visit this country. Many of its citizens were executed by Stalin, even though this country is Stalin's birthplace.
ANS: **Georgia**
3. For ten points each, answer these questions about a certain chemical property.
 - (10) This is the minimum pressure required to prevent the flow of a pure solvent through a semi permeable membrane into a solution.
ANS: **Osmotic** pressure
 - (10) The equation to calculate osmotic pressure incorporates this constant, which, when used with osmotic pressure, is equal to 0.08206 liter-atmospheres per mole-kelvins.
ANS: ideal **gas constant**
 - (10) Because osmotic pressure is a colligative property, it is dependent on this quantity, the number of particles into which a solute will disassociate.
ANS: **van't Hoff** factor
4. For ten points each, identify these objects found in the Messier catalog.
 - (10) M31 is this galaxy, the nearest galaxy to the Milky Way.
ANS: **Andromeda** galaxy
 - (10) M4, M6, and M7 are all clusters located in this constellation of the zodiac, also notable for its red giant Antares.
ANS: **Scorpio**
 - (10) M104 is a galaxy that has earned this nickname as a result of its large, energetic bulge surrounded by a prominent flat and dusty disk.
ANS: **Sombrero** galaxy
5. Answer these questions about the Confederate States of America, 5-10-20-30.
 - (5) This state was the first to secede from the Union and was the first to see fighting as troops under P. G. T. Beauregard shelled Fort Sumter.
ANS: **South Carolina**
 - (5) Southern leaders met in this city to write the Confederate States Constitution. The city served as the Confederacy's capital until Richmond was named as the new capital in May of 1861.
ANS: **Montgomery**, Alabama
 - (x) This former Whig and Constitutional Unionist congressman from Georgia actually opposed secession but was nevertheless elected Vice President of the Confederacy.
ANS: Alexander **Stephens**
 - (x) This state was the last to secede, and the first to rejoin the Union, but saw a great deal of the fighting nevertheless, including engagements at Stones River and Orchard Knob.
ANS: **Tennessee**
6. Answer these questions about Walt Whitman's poetry on a 5-10-20-30 basis.

- (5) Whitman's one major work, he first published this book in 1853, and continued to add to it and revise it for the rest of his life.
ANS: Leaves of Grass
- (5) The second section of this poem instructs "You shall no longer take things at second or third hand...nor feed on the specters of books." Near the end of the poem, the speaker tells us to look for him under our bootsoles.
ANS: "Song of Myself"
- (x) The section of *Leaves of Grass* titled *Memories of President Lincoln* contains "When Lilacs Last in the Dooryard Bloomed," as well as this poem, which sees its title character "fallen cold and dead" just as "the ship is anchored, safe and sound." As far as we know, the speaker is not standing on a desk.
ANS: "O Captain, My Captain"
- (x) This early section includes such poems as "Spontaneous Me" and "One Hour to Madness and Joy." If the bible is literally true, then the name of this section applies to all of us.
ANS: Children of Adam
7. For ten points each, given a branch of government, give the South African city that is the seat of that branch.
- (10) Legislative
ANS: Cape Town
- (10) Executive
ANS: Pretoria
- (10) Judicial
ANS: Bloemfontein
8. Given some works written by an economist, name him, for ten points each.
- (10) *The New Industrial State* and *The Affluent Society*.
ANS: John Kenneth Galbraith
- (10) *Lectures on Jurisprudence*, *Essays on Philosophical Subjects*, and *The Theory of Moral Sentiments*.
ANS: Adam Smith
- (10) *The High Price of Bullion*, *A Proof of the Depreciation of Bank Notes*, and *Principles of Political Economy and Taxation*.
ANS: David Ricardo
9. FTSNOP, answer some questions relating to works which have appeared on either *Fantasia* or *Fantasia 2000*.
- (10) Conductor Leopold Stokowski transcribed this *Fantasia* opener, which was originally composed for organ by Bach, for symphony orchestra.
ANS: Toccata and Fugue in D Minor or BWV 565
- (5,5) Beethoven, along with Stravinsky and Paul Dukas, had works appear in both *Fantasia* and *Fantasia 2000*. F5PE, name both of the Beethoven symphonies that were used.
ANS: *Symphony No. 6 in F Major* ("Pastoral"), Op. 68 (*in Fantasia*) and *Symphony No. 5 in C Minor*, Op. 67 (*in Fantasia 2000*)
- (10) The original *Fantasia* features various animals performing to *Dance of the Hours* from the opera *La Gioconda*, written by this Italian composer.
ANS: Amilcare Ponchielli
10. Name these Catholic sacraments from clues, for ten points each.
- (10) In this sacrament, a person receives the title of deacon, priest, or bishop.
ANS: Holy Orders (prompt on ordination)
- (10) This sacrament involves declaring one's sins to a priest in order to obtain forgiveness from God by atonement.
ANS: Reconciliation (accept Penance, Confession or equivalents)
- (10) Administered to those that are seriously ill, this sacrament can be received as often as the believer desires.
ANS: Anointing of the Sick (accept Extreme Unction, Last Rites or equivalents)
11. For ten points each, given characters, name the Charles Dickens novel.
- (10) Mr. Bumble, Rose Maylie, and Bill Sikes.
ANS: Oliver Twist
- (10) Daniel Quilp, Richard Swiveller, and Nell Trent.
ANS: The Old Curiosity Shop

(10) The Haredales, Ned Dennis, and Simon Tappertit.

ANS: Barnaby Rudge

12. Answer the following about viruses, for ten points each.

(10) This frequently mutating type of virus has a genome consisting of RNA instead of the usual DNA.

ANS: Retrovirus

(10) Retroviruses depend on this enzyme to transcribe RNA into DNA for insertion into the host's genome.

ANS: Reverse transcriptase

(10) Over 42 million people, 74% of whom live in sub-Saharan Africa, are thought to be infected with this particular retrovirus.

ANS: Human Immunodeficiency Virus (accept HTLV-III and LAV)

13. Identify these civilizations of Africa, for ten points each.

(10) This word refers to the hundreds of ethnic groups of Southern Africa that were linked by the same language family and often times also by shared practices.

ANS: Bantu

(10) This tribal group, often mistakenly identified with Arabs, lived throughout Northern Africa from Egypt to the Atlantic but spread to Spain in the 8th century as the largest ethnic component of the Moorish invasion.

ANS: Berbers

(10) The invasion of these Asiatic peoples into Egypt marked the transition between the Middle and New Kingdoms and saw the introduction of the composite bow and chariot.

ANS: Hyksos

14. Give the expressionist painter from works for ten points each, for five if you need an easier work.

(10) *Green Violinist, The Blue House*

(5) *I and the Village*

ANS: Marc Chagall

(10) *Ashes, The Sick Child*

(5) *The Scream*

ANS: Edvard Munch

(10) *The Red Vineyard, Church at Auvers*

(5) *Starry Night*

ANS: Vincent van Gogh

15. For ten points each, given a line from a T.S. Eliot poem, name the poem.

(10) "This is the way the world ends / Not with a bang but a whimper"

ANS: "The Hollow Men"

(10) "Shantih shantih shantih"

ANS: "The Waste Land"

(10) "Sister, mother / And spirit of the river, spirit of the sea, / Suffer me not to be separated / And let my cry come unto thee."

ANS: "Ash Wednesday"

16. Answer these questions about quarks, FTSNOP.

(5) For five points, how many "flavors" of quarks are there?

ANS: 6

(10) For ten points, what observable property is a positive one-half for up-type quarks but a negative one-half for down-type quarks?

ANS: spin

(15) For fifteen points, because quarks have half-integer spins, they, along with leptons, are classified as what type of particle?

ANS: fermion

17. Given a 20th century treaty, identify the American President at the time of the treaty's signing.

(10) Camp David Accords

ANS: Jimmy Carter

- (10) Kellogg-Briand Pact
ANS: Calvin Coolidge
- (10) Montreal Protocol
ANS: Ronald Reagan

18. Identify these parts of the brain, for ten points each.

- (10) All auditory, visual, taste, and touch sensory signals must pass through this part of the brain and are projected to the appropriate areas in the cortex. It is often called a "clearinghouse" for motor impulses.
ANS: Thalamus
- (10) Located between the thalamus and the pituitary gland, this area of the brain is involved in regulating emotions and food intake, as well as body temperature
ANS: Hypothalamus
- (10) This area of the brain contains clusters of neurons that are involved in the control of breathing, swallowing, blood circulation, and skeletal muscle contraction and coordination. It is known to influence levels of consciousness and alertness, as well as sleeping and waking
ANS: Medulla oblongata

19. For ten points each, give the names of these sleep disorders.

- (10) This disorder is defined as difficulty initiating, maintaining, or gaining from sleep.
ANS: Insomnia
- (10) This disorder sometimes contributes to insomnia, as it involves brief periods where breathing stops during sleep.
ANS: Sleep apnea
- (10) Considered to be the direct opposite of insomnia, this disorder encompasses those who have abnormally excessive sleep, falling asleep several times a day.
ANS: Hypersomnia (do not accept narcolepsy)

20. For ten points each, give the names of these short internet clips by comedian Liam Kyle Sullivan.

- (10) Sullivan dressed as a teenager named Kelly who is obsessed with the title objects, even going so far as to purchase a pair for three hundred dollars.
ANS: Shoes
- (10) In this skit, Sullivan advertised fire, Israeli-Palestinian conflict, newspaper, imaginary, and asbestos as delicious flavors of the titular breakfast food.
ANS: Muffins
- (10) Sullivan returns as Kelly in this clip, where she is indignant and enraged at the title event. Margaret Cho also appears during the song.
ANS: Text message break-up