

1. A student of Balakirev, his friend Rimsky-Korsakov believed that his work was “original, full of so much that was new and vital,” but also that it was often “absurd [with] disconnected harmony,” and began a project of finishing and revising his work after his death. His canon is quite small, consisting of the unfinished operas *The Marriage*, *Salambo*, and *Khovannshchina*, some song cycles, and the opera *Sorochintsy Fair* which includes the orchestral work *St. John's Night on Bald Mountain*. FTP, name this Russian composer of *Pictures at an Exhibition* and *Boris Godunov*.

Answer: Modest **Mussorgsky**.

2. A main character carries one of the elements of the title in his pockets on the trek to Spreckel's ranch. He would be willing to raise alfalfa, though, if he could have rabbits instead. His travelling companion and Candy plan to buy their own land on which he could do so, but when Lenny smothers Curly's wife, their plans gang aft agley. FTP--George kills Lenny at the end of which Steinbeck novel?

Answer: **Of Mice and Men**

3. A Florentine and client of Lorenzo D'Medici, one Latin American historian found it ironic that “from Alaska to Tierra del Fuego, not one statue has been erected to him.” On his two expeditions, sailing the first for Spain and the second for Portugal, he explored the south eastern coast of the New World getting to within 400 miles of the southern tip of Tierra del Fuego. Although he may have been the first to realize the land he was exploring might actually be a new world, his name went down in history only because of Martin Waldseemüller, an obscure German mapmaker. FTP name this navigator and namesake of two continents.

Answer: Amerigo **Vespucci**.

4. Contracting tuberculosis at an early age he was sickly his whole life. After working as a lawyer he began his literary career producing travel accounts, the most famous of which is *An Inland Voyage* about his trip to France. He eventually settled in Samoa, where he was known by the natives as “Teller of Tales,” and wrote the anti-colonial novels *The Beach of Falesa* and *The Ebb Tide*. His short stories include “The Body Snatchers” and “The Bottle Imp,” but he is best known for adventure novels such as *Master of Ballentrae* and *The Black Arrow*. FTP name this author of *Treasure Island* and *The Strange Case of Dr. Jekyll and Mr. Hyde*.

Answer: Robert Louis **Stevenson**.

5. One was a soldier who married his daughter Sophonisba to Syphax to produce a short-lived alliance with the Massaesyli. Another of the commanders with this name was a son of Gisco stationed in Spain after war broke out over Saguntum, where he conducted campaigns against his rivals Gnaeus and Publius Scipio. One general was killed at the 207 B.C.E. Battle of Metauro after marching across the Alps, while the more famous one was defeated at Ilipa. FTP, name these Carthaginians, one of which was a brother to Hannibal.

Answer: **Hasdrubal**

6. It was developed in the mid-1600s by Robert Hooke as a means of explaining the behavior of particles of matter, particularly gases. It contains 3 parts: 1. All matter is composed of tiny particles, 2. Particles are in constant motion, 3. Collisions of particles are perfectly elastic. In collisions, there is no loss of the energy this theory describes due to the fact that there is no friction between particles. FTP name this theory of motion.

Answer: **Kinetic** Theory

7. She moved with her husband from the Shenandoah Valley to Eagle Bridge, New York, in 1927. In 1936 she moved in with her daughter in Hosick Falls. In early 1939 Louis Caldor was visiting Hosick Falls, where he saw some of her handiwork; it was displayed at the Museum of Modern Art in October 1939 and at the Galerie St. Etienne in October 1940. Titles of her paintings include *Out for the Christmas Tree*, *the Old Oaken Bucket*, *Black Horses*, and *Catching the Thanksgiving Turkey*. FTP name this acclaimed American primitive painter.

Answer: Anna Mary Robertson “Grandma” **Moses**

8. Sugarcane and corn are two of the several thousand plants that utilize this. Carbon dioxide binds to PEP via catalyzation by PEP carboxylase. This produces oxaloacetate—a four-carbon sugar—which is catalyzed into malate. The malate exits the mesophyll cell and enters the bundle-sheath cell and releases the carbon dioxide. FTP, name this alternative path of photosynthesis which minimizes photorespiration and water loss.

Answer: **C4** pathway.

9. In 1675, with tensions already running high, a colonist killed a Pokanoket who had robbed his house soon after the body of a Christian Native American was found in a frozen pond at Assawompset. In revenge, an alliance of tribes raided coastal towns and colonists started a fine American tradition by building internment camps for non-belligerent enemies during the war. The Plymouth Colony's forces couldn't strike at the nomadic tribes, and needed native American allies to capture the war's namesake.. FTP what is this war named for the Wampanoag leader, also called Metacom?

Answer: **King Phillip's War**

10. This only exists when the fielder can make a play with ordinary effort, as judged by the umpire. Despite the fact that line drives are ruled fly outs in the official score, there is no provision for them in the rules. If the batted ball first lands untouched on foul ground before first or third base and bounces untouched into fair territory, it is ruled as this and is now a fair ball and the batter is out. FTP, what is this provision, designed to eliminate double plays by trickery on the defense, where a short fly ball automatically rules the batter out whether the ball is caught or not?

Answer: **Infield Fly Rule**

11. Individuals with this genetic disease are more susceptible to osteomyelitis caused by Salmonella as well as infections caused by encapsulated bacteria, because they lose their spleen due to autoinfarction. The namesake morphology occurs in only 1\% of affected cells in heterozygotes but in up to 50\% of cells in homozygotes, particularly under conditions of low oxygen tension. FTP, name this hemolytic disease, caused by the substitution of valine for glutamate on hemoglobin b-chains, whose name is derived from the crescent shape taken by red blood cells.

Answer: **sickle-cell anemia**

12. The son of Haran and grandson of Terah, he accompanied his uncle on his journeys until a fight between two of their herdsman led them to separate. Living in the Plain of Jordan he was captured by Chedorlaomer, king of Elam, but was rescued by his uncle and a band of servants. Later, he lived for Zoar, but soon became a hermit with his two daughters. These daughters, whose virginity he had been willing to give up a mob in order to protect two strangers, got him drunk and had sex with him so that his seed would not die. FTP name this nephew of Abraham, whose family was rescued from Sodom, save for his wife who looked back and was turned to a pillar of salt.

Answer: **Lot**

13. She was five when an explosion at a Birmingham church killed one of her friends, an event which is said to shape her views on racism. When asked of his opinion of her, Ariel Sharon said: "I have to confess, it was hard for me to concentrate on the conversation because she has very nice legs." A former provost of Stanford, she entered college at fifteen. Despite her name, which means "with sweetness," she has been anything but sweet about foreign policy, taking a hard stance against Russia and urging bombings to continue during Ramadan. FTP name this woman, President Bush's National Security Adviser.

Answer: **Condoleezza "Condi" Rice**

14. He provided the name of one of the original ten demes of Athens. The owner of "a shield of seven tough hides and an eighth bronze layer for a surface" he brought twelve boats from Salamis to Troy. There he distinguished himself in single combat against Hector, fought staunchly for the Achaean ships before Patroclus entered the battle, and later provided cover while Menalaus dragged his corpse to safety. He later lost in a footrace to Odysseus at the funeral games for Patroclus, foreshadowing his defeat in a more important contest. FTP name this son of Telamon, the "bulwark of the Achaeans," who committed suicide after going mad when not given the armor of Achilles.

Answer: **Ajax or Aias the Greater or Telamonian Ajax or Aias.**

15. Botard the skeptic doesn't believe in them, and calls them a collective delusion. Mrs. Boef is married to one. Jean first forgets about them, and then becomes one, as does Papillon. Berenger suggests to Daisy that they repopulate the human species, rather than get used to their new neighbors. FTP this occurs in what absurdist play by Eugene Ionesco where almost the entire cast transforms into the titular horned animal?

Answer: **Rhinoceros**

16. His primes are of the form  $2^{2^n} + 1$  [two to the two to the n plus 1]. His Little Theorem is a specific case of Euler's Lemma. But he is perhaps best known for a scribble in the margin of a book by Diophantus. For ten points, name this French mathematician, who supposedly had a "truly marvelous proof" to his Last Theorem, which was finally cracked by Andrew Wiles in 1994.

Answer: **Pierre de Fermat**

17. Jason Trescham played by Richard Lee Jackson. Hammond Deening played by Mark Feurestein, Brian Selig played by Tim Dutton, George Madison played by John Ritter, Dr. Greg Butters, played by Jesse L. Martin, Billy Thomas played by Gil Bellows, Larry Paul played by Robert Downey Jr. and Victor Morrison played by Jon Bon Jovi. FTP these are all love interests of what emaciated Boston Lawyer played by Calista Flockhart.

Answer: **Ally McBeal.**

18. An attempt to capture ammunition from Phoenix Park was unsuccessful, as was a similar endeavor of Sir Rodger Casement, after which Eoin MacNeill recommended calling it off. The tide began to turn when Liberty Hall was destroyed by shellfire from the gunboat Helga, though gunfire killed many civilians. FTP, name this uprising crushed by the British which began on April 24, 1916 in Dublin and which is named for the holiday on which it took place.

Answer: **Easter Rebellion or Uprising**

19. She was married to a wealthy man from Andros and spent time in exile in Sicily probably because of the political views of her husband or brothers. Her 5th century contemporary, Alcaeus, described her as "pure" and to defend this view it has been suggested that she may have been an instructor in a finishing school for girls about to be married. Many of her poems contain invocations to Venus, and nearly all contain her sexual feelings. FTP name this lyrical poet, called the "tenth Muse," whose home was Lesbos.

Answer: **Sappho.**

20. One occurs in Taiwan from November until March, and another takes place in Japan during the winter due to prevailing northwest winds. A third happens in Arizona starting in July, drastically altering the otherwise arid climate of places like Tucson. FTP, name this season of high temperatures, high winds, and high moisture, which most famously occurs annually on the Indian subcontinent.

Answer: **Monsoon.**

21. He began in legend as a member of the Tuatha de Danaan and the Gaelic sea-god. He and his son Manawyddan were then co-opted into British legend where he adopted many of the traits of the sky-god Lludd including his beautiful daughter Creudylad. Geoffrey of Monmouth made him a king of England who was successfully restored to the throne by Aganrippus, the King of France, after being deposed by the Dukes of Albania and Cornwall. Geoffrey's tale also included the contest among his three daughters, Gonerilla, Regan, and Cordeilla which would later be the center of another work of literature. FTP name this pathetic subject of a Shakespeare tragedy.

Answer: **Lear, Leir, Llyr, or Ler.**

22. She and her two sisters, Clorinda and Tisbe, live with their foolish father, Don Magnifico. Premiering in Rome in January 1817, its libretto by Jacopo Ferretti differs from the more familiar version of the story. For example, Don Magnifico is single, and he has the magician Alidoro tutor his daughters. Alidoro is also the tutor to Prince Ramiro, which is how they get invited to the pivotal event. At the end of the evening she gives Ramiro one of her bracelets. Later a storm, whipped up by the omnipresent Alidoro, forces Ramiro's coach to stop at Don Magnifico's house, where he sees the matching bracelet. FTP, name this Rossini opera, missing the evil stepmother and the shoes.

Answer: **La Cenerentola or Cinderella**

23. This book was dedicated to Mammy Caroline Barr of Mississippi. Is it a novel or a collection of short stories? Cases have been made for either, or even that it is both. The "man vs. nature" struggle seen in the story of Sam Fathers and Isaac McCaslin is one of several themes woven through this episodic story of the McCaslins of Yoknapatawpha County. FTP, what is this William Faulkner work that takes its title from an old spiritual?

Answer: **Go Down Moses**

1. Either way this bonus is about TV, but you get a small choice: people or dogs? Choose now.

*PEOPLE*: Given the TV show, name the place in which the group hangs out, FTPE:

A. Friends

Answer: Central Perk

B. The Drew Carey Show

Answer: The Warsaw

C. Murphy Brown

Answer: Phil's or Phil's Diner

*DOGS*: FTPE, given a TV show, name the family dog:

A. Full House

Answer: Comet

B. The Brady Bunch

Answer: Tiger

C. Doug

Answer: Porkchop

2. Name the American authors from works on a 10-5 basis:

A. (10) "The Professor's House", "My Mortal Enemy", "Shadows on the Rock", "Obscure Destinies", "Sapphira and the Slave Girl", and "Not Under Forty"

(5) "Death Comes for the Archbishop" and *My Antonia*

Answer: Willa Cather

B. (10) The novel "Elsie Venner" and biographies of "John L. Motley" and "R W Emerson

(5) "The Deacon's Masterpiece, or the Wonderful One Hoss Shay", a poem in light verse.

Answer: Oliver Wendell Holmes Sr.

C. (10) The Alhambra, a series of stories inspired by his service as a U.S. consul in Spain.

(5) *Kinckerbocker Tales*, source of the classic story "The Legend of Sleepy Hollow"

Answer: Washington Irving.

3. Name the chemist responsible for the discoveries of the following FTPE:

a) While Karl Wilhelm Scheele probably discovered oxygen first; credit generally goes to this man who *published* first.

Answer: Joseph Priestley

b) A sour recluse with a major hatred of women, he still managed to discover hydrogen.

Answer: Henry Cavendish

c) Strontium, sodium, and nitrous oxide were all discovered by this native of Penzance, Cornwall.

Answer: Humphry Davy

4. I guess they're just good friends after all. Identify the Platonic dialogue from a description FTPE.

1. During a drinking party held after the tragedian Agathon's first victory in a drama festival the talk turns to love and the guests, including Aristophanes and a drunk Alcibiades give speeches. Socrates talks of love for the Form of Beauty and the term "Platonic Love" is born.

Answer: Symposium.

2. The title character arrives at Socrates jail cell a few days before his scheduled execution and argues that it would be unjust for Socrates to stay in Athens. Socrates responds that it would be unjust to escape developing an early argument of the "Social Contract."

Answer: Crito.

3. Socrates discusses whether virtue is innate or learned with the title character who produces his paradox that "one logically cannot inquire productively into what one does not know, nor [...] into what one already does. Also involved is a slave trying to solve a geometry problem.

Answer: Meno.



5. It was formed in 1987 by Sheikh Ahmad Yassin as a Palestinian offshoot of the Muslim Brotherhood. FTPE:

1. Name this group that advocates an Islamic Palestinian state.

Answer: Hamas

2. Give the general term referring to the uprising in the Palestinian occupied territories to protest the Israeli occupation. Hamas is among its main supporters.

Answer: Intifada

Hamas Terrorist Activities are typically carried out by squads from this military wing, named for a sheikh martyred in 1935.

Answer: Izzedine al- Qassam

6. Identify members of the Harlem Renaissance from clues FTPE.

1. Dubbed "The Poet Laureate of Harlem," his poems were deeply entwined with jazz music and were intended "to be read aloud, crooned, shouted, and sung." These poems include "The Weary Blues," "Dream Variations," and "The Negro Speaks of Rivers."

Answer: Langston Hughes.

2. This writer and anthropologist co-wrote the play *Mule Bone* with Hughes as well as the novels *Moses*, *Man of the Mountain*, and *Their Eyes Were Watching God*.

Answer: Zora Neale Hurston.

3. The son-in-law of W.E.B. Dubois, his poetry was more based in the classics than was Hughes'. His collections include *Color*, *Copper Sun*, *The Ballad of the Brown Girl*, and *The Black Christ and Other Poems*.

Answer: Countee Cullen.

7. Well everyone uses Benet's so I might as well be blatant about it. Identify the following found under X from clues and excerpts 5-10-20-30:

1. "a region in China mentioned by Coleridge in his *Kubla Khan* as the site of the Khan's Garden."

Answer: Xanadu.

2. "Athenian writer" who wrote the *Anabasis* about his 401 Persian expedition under Cyrus the Younger. He also authored the *Hellenica* and *Memorabilia of Socrates*.

Answer: Xenophon.

3. "Jesuit Missionary, the 'Apostle of the Indies,' and friend of Ignatius Loyola [who] worked in Japan for several years."

Answer: Francis Xavier.

3. "shrewish" "wife of the Greek Philosopher Socrates" often mentioned in proverbs.

Answer: Xanthippe.

8. 5-10-20-30, name the phylum to which the following invertebrates belong:

a) Starfish and sea urchins

Answer: Echinodermata or echinoderms

b) Snails and octopi

Answer: Mollusca or mollusks

c) Sponges

Answer: Porifera

d) Flukes and tapeworms

Answer: Platyhelminthes

9. Give the Confederate Generals from clues FTPE.

1. This cavalry commander in the Western Theater used his horses for mobility but always fought on foot. He is known for the saying "Git there firstest with the mostest," but is also infamous for the slaughter of black troops at Fort Pillow and for being a founding member of the Klu Klux Klan,

Answer: Nathan Bedford Forrest.

2. A favorite of Jefferson Davis he commanded the Army of Tennessee throughout much of the war. He won at Chickamauga but was replaced by Joe Johnston after being routed at Chattanooga.

Answer: Braxton Bragg.

3. One of the more flamboyant commanders he fired on Fort Sumpter, co-commanded at 1st Manassas with Johnston, took over from Albert Sydney Johnston after his death at Shiloh, and improvised a defense of Petersburg before Lee's forces could arrive.

Answer: Pierre G. T. Beauregard.

10. Choose your own bonus! Football or comic strips? Choose now.

**FOOTBALL:** Given an NFL team and the player's position, name their first round draft pick in the 2002 draft FTPE. You'll get 5 if you need the school that player came out of.

10 -- Dallas Cowboys, Safety

5 -- Oklahoma

Answer: Roy **Williams**

10 -- New Orleans Saints, Wide Receiver

5 -- Tennessee

Answer: Donte' **Stallworth**

10 -- Atlanta, Running Back

5 -- Michigan State

Answer: T.J. **Duckett**

**COMICS:** Give the required information about a certain female in the comic *Calvin and Hobbes* FTPE.

1. This is the smart girl next door that Calvin tries to annoy with snowballs, water balloons and such. Usually she winds up pummeling him.

Answer: **Susie** Derkins.

2. This is Susie's stuffed rabbit. She never sees him as animated and he never talks, yet she still can't understand why Calvin won't play with him. Hobbes thinks he is a bit "comatose."

Answer: **Mr. Bun.**

3. Finally, name the secret organization, usually meeting in the tree-house, that Calvin and Hobbes formed to combat Susie. Calvin holds the office of Supreme Ruler and President for life, among others, while Hobbes is First Tiger.

Answer: **G.R.O.S.S** or **Get Rid of Slimy Girls.**

11. Give the British novel from characters FTPE

1. Amelia Sedley, William Dobbin, George Osborn, Rawden Crawley, Becky Sharp

Answer: **Vanity Fair** A Novel Without a Hero. (by Thackeray)

2. Mr. Lockwood, Catherine Earnshaw, Edgar Linton, and Heathcliff

Answer: **Wuthering Heights** (by E. Bronte)

3. Miss Verinder, Franklin Blake, and Sergeant Cuff

Answer: The **Moonstone** (by Wilkie Collins)

12. FTPE name these Mozart works.

1. In this opera, the Queen of the Night sends Prince Tamino to rescue her daughter, Pamina. Tamino finds out that the Queen is evil, however, and proceeds to rescue Pamina and defeat the evil Queen at the Temple of Isis.

Answer: Die **Zauberflöte** or The **Magic Flute.**

2. Written in 1788, it's sometimes known as Serenade #13 for Strings. Its "Allegro" movement begins with an arpeggiated "G" chord followed by a "D-seven" chord.

Answer: **Eine Kleine Nachtmusik** or A **Little Night Music.**

3. When Mozart died in 1791, this work, K.626, was left unfinished. He finished the "Introitus" and part of the "Dies Irae" movements, but Franz Sussmayr finished much of the rest.

Answer: **Requiem** Mass.

13. FTPE answer the following questions about waves:

1. It's the type of wave produced when the vibrations producing the wave occur in the same direction as the wave travels. One example is a sound wave.

Answer: **Longitudinal** Wave

2. On the other hand, this is a wave in which the vibrations occur at right angles to the direction of wave propagation.

Answer: **Transverse** Wave

3. Name the process by which the particles of a light wave are made to vibrate in one particular plane rather than the multidirectional vibration pattern of particles of normal light.

Answer: **Polarization**

14. 30-20-10, name the year in which these events occurred.

30 – The Oneida community is founded, Thackeray's *Vanity Fair* is published, and Alfred Wallace and Henry Bates travel to the Amazon.

20 – Prince von Metternich resigns his post, the reign of Louis Philippe ends, Vienna puts down a revolution, and Lewis Cass nearly becomes president.

10 – Revolutions sweep Europe, the Seneca Falls conference is held, gold is discovered at Sutter's Mill, and Zachary Taylor wins election to the White House.

Answer: **1848**

15. 5-10-20-30, given the measures of all but one angle in each polygon, give me the measure of the missing angle.

1. pentagon, 110, 30, 150, and 130 degrees.

Answer: 120 degrees.

2. quadrilateral, 50, 160, and 110 degrees.

Answer: 40 degrees.

3. hexagon, 120, 100, 175, 125, and 150 degrees.

Answer: 50 degrees.

4. heptagon, 150, 140, 160, 80, 170, and 130 degrees.

Answer: 70 degrees.

16. Name the following literary terms dealing with meter FTPE:

1. This term is the unit that describes a meter and gives it a steady rhythm. In English this is done with varying relationships between stressed and unstressed syllables.

Answer: **Foot.**

2. This is the natural foot of the English language comprised of an unstressed syllable followed by a stressed one.

Answer: **Iamb** or Iambic. (accept Iambic Pentameter)

3. This foot is comprised of a stressed syllable followed by two unstressed syllables. Homer and Vergil used it with hexameter in their epics.

Answer: **Dactyl** or Dactylic.

17. In 1998, President Clinton signed the American Heritage Rivers Bill into law. Identify these rivers that made the list from descriptions FTPE.

This 310-mile, north-flowing river which passes through Jacksonville drains about one-sixth of Florida.

Answer: **St. Johns**

This river begins at Lake of the Clouds and flows 315 miles southeast through New York to the Verrazano Narrows.

Answer: **Hudson**

This river flows north through Oregon from the Cascade Mountains to the Coast Range where it joins the Columbia River.

Answer: **Willamette**

18. Name these related electrical terms for ten points apiece.

1. This is the proportionality constant between electric displacement and electric field intensity.

Answer: **permittivity**

2. This device is used to store energy in the form of an electrostatic field. They are a critical part of computer RAM.

Answer: **capacitor**

3. Name the materials such as barium titanate and mica are used in capacitors due to their high relative permittivities, which allows more charge to be stored.

Answer: **dielectrics**

19. Identify these Hindu gods, FTSNOP.

A. [20] For 5 points each and a bonus of 5 for all correct, name the three gods of the trimurti in any order; one is the creator, one the preserver, and one the destroyer.

Answer: **Brahma, Vishnu, and Shiva**

B. [10] In the ancient Vedic religion, he was chief of the gods, armed with lightning bolts. He was reduced to the rain god in later Hinduism, and he was also the father of Arjuna.

Answer: **Indra**

20. Answer the following about a grim chapter in Spain's history FSNOP.

(5pts) What name was given to the program created in 1478 to hunt down heretics to Catholic hegemony in Spain?

Answer: **Inquisition**

(10pts) Who led the Inquisition in Spain?

Answer: Tomas de **Torquemada**

(15pts). The two main groups persecuted by the Inquisition were the Mariscos and Marranos, which were the names given to converts of what two groups of Spanish religious minorities?

Answer: **Jews** and **Moors** or Muslims (must have both, any order)

21. FTPE, answer the following about C++:

a) The smallest integer data type, it is defined to be exactly one byte.

Answer: **\_char\_**

b) A predefined pointer in an object which refers to the address of the object itself.

Answer: **\_this\_**

c) According to the ANSI standard, all main functions should return what value for successful completion of the program?

Answer: 0 or **\_zero\_**