

1. Based on the novel by Abbe Prevost, it ends with the title character and Des Grieux dying on the plains of Louisiana. She had met him on the way to convent school, and ran off to* Paris with him. However, in Paris she sleeps with Geronte, an old lecher. When Des Grieux comes to take her away, she waits to take from jewels, and Geronte has them arrested and sent to Louisiana. FTP, name this Puccini opera.

A: Manon Lescaut

2. In a medium bowl, mix sugar and egg yolks. In a saucepan, bring cream and vanilla to a boil. Add cream to egg yolk and sugar mixture, mix well. Put mixture in a ramekin of any size, place in a 9 by 13-inch baking pan, and fill with water* until it reaches 1/2 up the side of the ramekin. Bake at a preheated 325 degree F oven for approximately 40 to 45 minutes. Then get out your handy-dandy chef torch and scorch the top the desert. FTP, you now have what scrumptious desert whose name means burnt cream.

ANSWER: crème brulee

3. He graduated with a degree in canon law about 1495, and practiced medicine briefly before becoming a monk. Offered control of the Cathedral of Fraunbourg, he accepted and divided his day into thirds, between religious activity, charity, and astronomy. This last activity was most fruitful, as he was able to devise a more accurate calander, and make careful observations of the stars. FTP name this revolutionary who determined that the sun was the center of the universe.

_ COPERNICUS _ Nicolaus

4. In 1973, he served as a delegate to the UN General Assembly. His only previous political experience came in 1965, when he ran as a Conservative candidate for mayor* of New York. The author of the Blackford Oakes spy novel series, Up from Liberalism, and God and Man at Yale, he hosted the interview program Firing Line for several decades. FTP, name this founder of National Review.

A: William F. Buckley Jr.

5. Membership is for life; out of a thousand applicants, only six or seven new members are chosen each year. Founded in 1947 in New York by Cheryl Crawford, Robert Lewis, and* Elia Kazan, it was directed until 1982 by Lee Strasberg. The leading American center for the teaching of the Stanislavsky method, its most famous graduate is Marlon Brando. FTP, name this drama school.

A: Actors Studio

6. It takes place in the town square, between the post office and the bank, between ten o'clock and noon on *June 27th. It is conducted by Mr. Summers, who comes to the square carrying a black wooden box, followed by Mr. Graves, the postmaster, who carries a three-legged stool. The Hutchinson family won, though the only member who claimed the prize was Tessie. FTP, name this Shirley Jackson short-story which ends with Tessie being stoned.

A: The Lottery

7. They were organized into three unequal divisions: the cemaat, balukhalkim and segban, and were commanded by an aga. Originally made up of kidnapped Christian youths from the Balkans,* they were forced into celibacy. At first highly respected for their military prowess, by the time of the Auspicious Incident, the 1826 action in which they were all killed by Sultan Mahmoud II, they had declined into decadance. FTP, name this Ottoman military force.

A: Janissary

8. At the end of the novel the holder of this post is Donald Farfrae, who marries the woman his Predecessor thought was his daughter. However, it turns out that Elizabeth-Jane* is actually the daughter of Susan and the sailor Newson. Michael Henchard gives up drink after selling his wife and daughter for five guineas, though after he loses his job he drinks himself to death. FTP, name this Thomas Hardy novel about the leader of a provincial town.

A: The Mayor of Casterbridge

9. In 1895, he was made Regius Professor of History at Cambridge by Lord Rosebery; thirty-one years after he had left the Commons. Studying under the German Catholic historian Dollinger,* he succeeded Newman as editor of the Rambler, though he was forced to resign due to papal criticism. He was unable to finish his projected "History of Liberty" series. FTP, name this author of the famed aphorism "Power corrupts, and absolute power corrupts absolutely."

A: Lord Acton

10. Invented about 1745 in the city whose name it bears, it is now considered obsolete because it can hardly pierce the micro-farad barrier that became standard in the 20th Century. Consisting of two sheets of foil, one connected by a wire or rod to a source of electricity, and separated by a glass bottle or jar, FTP name this early capacitor named for a Dutch city.
LEYDEN JAR (accept leyden bottle)

11. Mr. Ford hears of the plot from Nym and Pistol, and disguises himself as Mr. Brook, because he does not trust Mrs.* Ford. Mr. Brook then goes to Falstaff and asks him to help in his attempt to seduce Mrs. Ford. Falstaff is after both Mrs. Ford and Mrs. Page, because they have ready access to money, which he needs for his career as a drunken rake. In the end, all is revealed, and Falstaff is pardoned. FTP, name this Shakesperean comedy.

A: The Merry Wives of Windsor

12. He excommunicated King John because he refused to name Stephen Langton Archbishop of Canterbury. Involved in the struggle over the accession to the throne of the Holy Roman Empire in the early thirteenth century,* he excommunicated Otto after Otto attempted to take over Sicily, recognizing instead Frederick II. FTP, name this pope who launched both the Albigensian and Fourth Crusades.

A: Innocent III

13.

Mentioned in the Koran only three times, his feast day is September 29. The only member of his club who can speak Syrian and Chaldee, according to the Talmud he destroyed Sennacherib's army. He gave the sacred laws* of the Koran to Muhammad, and also announced the birth of John the Baptist to Zacharias and Jesus to Mary. FTP, name this archangel.

A: Gabriel

14. After his death by drowning in the Gulf of Mexico in 1932, the poetry collection *Key West: An Island Sheaf* was published posthumously. Awarded a Guggenheim Fellowship to write in Mexico,* he produced *The Broken Tower* but little else. His first major work, *White Buildings*, contained "At Melville's Tomb." FTP, name this American poet of *The Bridge*.

A: Hart Crane

15. The son of a Polish emigre and his Italian wife, he moved to Paris and fell in love with Annie Playden, because of whom he wrote the *Song of the Poorly Loved*. With Picasso, he wrote the 1913 book* *Cubist Painters*. Wounded in World War I, he drew on that experience to write *The Poet Assassinated* and *Calligrammes*. FTP, name this author who's *Les Mamelles de Tiresias* first used the word "surrealism."

A: Guillaume Apollinaire

16. Napoleon named his horse after this battle; victory was assured after General Kellerman's cavalry retreat. Earlier, Napoleon had been in a bad position because General Melas,* the Austrian commander, had attacked him while his force was separated. By 3pm the French were retreating, but Melas did not press the attack, allowing reinforcements, led by Desaix, to come and defeat the Austrians. FTP, name this climactic battle of the War of the 2nd Coalition.

A: Marengo

17. Set in the town of Titipu, it means "exalted gate." "Three little maids from school we are" is sung by Peep-Bo, Pitti-Sing, and Yum-Yum.* Yum-Yum being the beloved of Nanki-Poo. He is in danger of being executed by Ko-Ko, the Lord High Executioner, who dislikes the sight of blood. Nanki Poo avoids being executed and marries Yum Yum. FTP, name this Gilbert and Sullivan operetta about Japan.

A: *The Mikado*

18. They form only cations in solution and are characterized by having incompletely filled d subshells. Approximately fifty in number, they are* more electronegative than the alkali metals and tend to form coordination complexes with Lewis bases, making them essential in many industries and biological systems. FTP, identify this group of elements that make up the middle of the periodic table.

A: transition metals

19. An 1860 graduate of the Harvard Divinity School, he was forced to leave his pulpit in Brewster, Massachusetts, in 1866 because of allegations of pedophilia. Moving to New York, he became a patron of the Newsboys Lodging House,* where the boys lived the sort of success he preached in his many books, such as *Ragged Dick* and *Tattered Tom*. FTP, name this author who preached success through hard work.

A: Horatio Alger

20. In the 1970's, he moved towards a style he called "cross-hatching," which consisted of near-monochrome paintings composed of clusters of parallel lines. This is a departure from his previous encaustic technique,* with its pigments mixed with hot liquid wax. In 1960, he cast a sculpture of two Ballantine Ale

cans, Painted Bronze. FTP, name this Pop Art figure who painted maps, numbers, and flags.

A: Jasper Johns.

1. Name these revolts from American history from clues FTPE.

1. It began with annoyance at Governor Berkeley for refusing to address the Indian threat. The rebellion took over Virginia and occupied the capital before its leader's untimely death. Bacon's Rebellion.

2. Started by the poor economy and high inflation of the post-Revolutionary era, a group of Massachusetts farmers plotted to take over the Springfield armory and kill bankers.

Shays' Rebellion.

3. The conservatism of Rhode Island led this man to hold a constitutional convention, expand the franchise, and get himself elected under the new franchise. He lost power, though Rhode Island did get a new constitution.
Dorr's Rebellion

2. Identify the following types of atomic bonds, ten points each.

A. This type of bond is formed between atoms with similar electronegativities. Electrons are shared in order to complete each atom's octet.

Covalent

B. Weak covalent bonds formed between a transition metal ion and a polar molecule are known by this name.

Coordinate covalent

C. In this type of covalent bond between atoms of dissimilar electronegativities, the electrons of the bond spend more time around the more electronegative atom, resulting in partial positives and negative charges.

Polar covalent

3. When given a description of the college football player leaving early for the NFL draft, name him FTPE.

1. A free safety at Oklahoma, his missed interception in the Sooners' loss to Oklahoma State cost them a shot at the Rose Bowl. Roy Williams

2. Though he missed the early part of Tennessee's season, this wide receiver returned to lead the Vols to an SEC East title. Dante Stallworth

3. Kicked off the team his freshman year for theft, he rebounded to be National Freshman of the Year for the Florida Gators, only to leave after his sophomore season to join his coach in the NFL. Jabar Gaffney

4. For 15 points each, given a piece of work, name the female artist

a. The Dinner Party

ANSWER: Judy Chicago

b. Vietnam Veterans Memorial

ANSWER: Maya Ying Lin

5. Name these American writers from clues FTPE.

1. Her novels include the Great Dismal Swamp as well as Uncle Tom's Cabin. Harriet Beecher Stowe.

2. The editor of the Atlantic Monthly, he wrote the Hazard of New Fortunes and the Rise of Silas Lampham. William Dean Howells.

3. Martin Scorse made a film of her book the Age of Innocence. She also wrote Ethan Frome and The House of Mirth. Edith Wharton

6. Identify the following concerning muscle fibers, ten points each.

A. This is the functional unit that makes up the myofibrils of voluntary muscle. Sarcomere

B. Attached to the Z lines of the sarcomere, it occurs as thin filaments around which are twisted a strand of tropomyosin. It is also an integral part of the cellular cytoskeleton.

Actin

C. Attached to the M band of the sarcomere, it is a contractile protein consisting of a globular head and a tail.

Myosin

7. Answer these questions about the race to the moon FTPE.

1. In 1969, what space mission landed on the moon. Apollo 11

2. He was the first man to walk on the moon, though he messed up his famous lines. Neil Armstrong.

3. Apollo 11 landed on this area of the moon. Sea of Tranquility

8. Name these World War I German leaders from clues FTPE.

1. The son of Frederick III, he abdicated shortly before Germany's surrender on November 11, 1918. Kaiser Wilhelm II prompt on: Kaiser

2. The victor of Tannenberg, he later went on to serve as the second President of the Weimar Republic, and had a dirigible named for him. Hindenburg

3. The Chancellor throughout the war, civilian control of the war was essentially lost when he let Hindenburg and Ludendorff declare unrestricted submarine warfare in early 1917. Theobald von Bethmann-Hollweg

9. Name the writer from clues 30-20-10.

30. After studying with Franz Boas at Columbia, she went to Haiti to study voodoo.

20. Her first novel was Jonah's Gourd Vine, and her last was Seraph on the Suwannee. She was the first publisher of black folklore.

10. A native of Eatonville, Florida, her novels include Mules and Men, set in Polk County, and Their Eyes Were Watching God.

A: Zora Neale Hurston

10. FTP each, given the set and the standard addition and multiplication operations, tell whether it is a ring, integral domain, ring or neither. Note - you must give the highest class the set belongs to. For example, the real numbers are a ring and a field, so you would answer field.

$\mathbb{Z} / 5\mathbb{Z}$ ("Z mod 5 Z")

field

\mathbb{Z}

integral domain

$\mathbb{Z} / 12\mathbb{Z}$

ring

11. Answer the following about the rise of Islam FTPE.

1. This branch of Islam is based on the belief that Ali was the true successor to Mohammad. They believe in a strict interpretation of Islam. Shi'ites

2. Between 661 and 750, this family ruled the Arab world from Damascus. Umayyads

3. This family, Shi'ite Muslims, overran Damascus in 750 and switched the capital to Baghdad; they ruled until 1258. Abbasid

12. Answer these questions about Matthias Grunewald for fifteen points each.

1. This Grunewald work is on the Crucifixion and Resurrection of Christ. The Esenheim Altarpiece

2. The German composer Paul Hindemith wrote this opera based on Grunewald's life.

Mathis der Maler or Matthias the Painter

13. Name these medieval theologians from clues FTPE.

1. He wrote Yes and No, a compilation of contradictory statements by early church fathers on different religious issues. Peter Abelard

2. A student of Abelard, he wrote Four Books of Sentences, the standard theological textbook of the Middle Ages. Peter Lombard

3. He stated that it is impossible to conceive of a being greater than God; a being who exists is greater than a being that does not exist, therefore the idea of God must include the existence of God. Anselm

14. Answer the following about the German composer Alben Berg FTPE.

1. This opera ends with the plaintive cry, "Your Mother is dead," as a boy learns that his father killed his mother because of a mental illness. Wozzeck

2. Wozzeck was written, originally as a play, by this nineteenth century German author. Georg Buchner

3. This opera deals with a lesbian affair and ends with the title character being killed by Jack the Ripper. Lulu

15. 20th century Italian authors. Clues TPE.

1. He led a group of nationalists which occupied Fiume in 1919. A decadent, his poems include The Flame of Life, La Gioconda, and the novel The Child of Pleasure.

Gabriele D'Annunzio

2. With a name reminiscent of a Victor Hugo novel, he won the 1959 Nobel Prize and wrote Land and Water and To Give and To Have. Umberto Eco

3. One of the founders of the field of semiotics, his novels include The Island of the Day Before, Foucault's Pendulum, and the Name of the Rose. Umberto Eco

16. Name these writers of the American Revolution from clues FTPE.

1. Serving as governor of both Pennsylvania and Delaware, he was known as the "penman of the Revolution" and wrote Letters from a Pennsylvania Farmer. John Dickinson

2. While minister to France he wrote Notes on the State of Virginia, which was both natural history and political and social commentary. Thomas Jefferson

3. A devotee of the French Revolution, his The Rights of Man attacked religion. The American Crisis and Common Sense created the mood for the Declaration of Independence. Thomas Paine

17. 30-20-10. Name the work of art.

30. This life-size bronze piece portrays six bedraggled looking figures, each in a study of despair, resignation, or quiet defiance.

20. The city government that commissioned the work, uncomfortable with its realism, altered the artist's wishes that it be displayed eye-level in the center of town, and instead

put it in a remote location on a high pedestal.

10. The six figures portray a heroic episode from the Hundred Years War where the leaders of a French city offered their lives in return for the city's safety.

A: The Burghers of Calais

18. Identify the following bonds found in proteins, FTPE.

1. The covalent bond linking all amino acids along the backbone of the protein.
Peptide

2. Important in secondary structure of proteins, it is a non-covalent attraction between the N-H of one amide and the carbonyl of another. Hydrogen

3. Another covalent bond, it forms between cysteine side chains and can link distant portions of a peptide. Disulfide bond

19. When given an Italian film name the director FTPE.

1. The Bicycle Thief Vittorio Di Sica

2. Blow-up Antonioni

3. The Icicle Thief Nichetti

20. Answer the following about recent MLB news FTPE.

1. He is the current commissioner. Bud Selig

2. Selig wants to contract this team, despite their 87 wins in 2001 and 1987 and 1991 World Series titles. Minnesota or Twins.

3. Predictably, this Minnesota governor is not happy. Jesse Ventura