

1) This man did important work in organo-arsenic compounds and discovered an antidote for arsenic poisoning. He shares credit for the discovery of cesium and rubidium with his assistant Gustave Kirchhoff, with whom he developed techniques of spectroscopy. FTP name this man, who left us two eponymous inventions: a carbon-zinc electric cell used in arc lamps, and that ubiquitous common chem lab apparatus, the gas burner.

Answer: Robert **Bunsen**

2) As an outspoken member of Parliament from Wales he dissented on the Boer War and defended the Boers' right to independence. In 1905 he became Asquith's Chancellor of the Exchequer, where he began Britain's old age pension and national health insurance programs. FTP name this Prime Minister from 1916 to 1922, best known for his role in the Versailles Conference.

Answer: David **Lloyd George** [prompt on George – his last name is both words]

3) Born in Edinburgh, Scotland in 1966, this singer was often made fun of for her green eyes and red hair. A depressed childhood led to an escape into the world of rock 'n roll, where she became a singer for bands such as August 1984, Wild Indians, and Goodbye, Mr. Mackenzie. She was pulled from Angelfish by Butch Vig for her current group. For ten points, name this singer whose current group is definitely not a trashy act and whose songs include "#1 Crush," "Androgyny," "The World Is Not Enough," and "Stupid Girl."

Answer: **Shirley Manson** [prompt on Manson]

4) As the Greeks prepared to depart for the Trojan War, a strong Northern wind held their thousand ships in the harbor. This woman was sacrificed to appease Artemis and allow the ships to leave. Some stories claim that Artemis could not stand to see her altar defiled with human blood, and so spirited this woman away to the Taurians. Later she was rescued by her brother, Orestes, and returned to Mycenae. FTP identify this woman, the eldest daughter of Agamemnon.

Answer: **Iphigenia**

5) Small-scale, medium-scale, large-scale, very large-scale, and ultra large-scale all preface this term, whose level provides a measure of the number of gates or switching devices known as transistors, that are on a single silicon chip used as a digital circuit. In mathematics it might be approximate, numerical, improper, indefinite, or partial and can be accomplished by substitution, by partial fractions, and by substitution. Politically, it often accompanies the phrase "volunteer busing" and usually refers to the amount of interracial mixing in the public schools. FTP, identify this variously used term.

Answer: **integration**

6) Born in 1876 in Catalonia, this man began his concert career in 1891, and in 1905 he formed a chamber trio with Thibaud and Cortot. His career as a conductor began in 1919 with his namesake orchestra, and he lived in Puerto Rico for the last 17 years of his life. His museum is located in San Jose where his music, cello, and piano are now on display. FTP, name this distinguished conductor and possibly the greatest 20th century master of the violincello.

Answer: Pablo **Casals**

7) Made chiliarch by Perdikkas after the death of Alexander the Great, he turned on Perdikkas and took part in the conspiracy that killed him in 321 BCE. Antigonos' power forced him to flee to Ptolemy's Egypt in 315, but he returned to Babylonia in 312, after defeating Demetrius Poliorcetes at Gaza. Upon his return, he was confirmed as ruler of the lands east of the Euphrates by the general peace of 311. For 10 points, name this son of Antiochus or the namesake dynasty he founded.

Answer: **Seleucus I Nicator** or **Seleucid**

8) By story's end the ghost of Akaky Akakevich leaves, satisfied, having gotten his satisfaction from a Certain Important Personage. Akakevich had died of a cold several days after the title object was stolen from him and the Certain Important Personage refused to help him recover it. FTP name this Nikolai Gogol short story, in which the ghost relieves the Certain Important Personage of the same garment taken from him.

Answer: The **Overcoat**

9) Debuting in 41 American newspapers on 19 June 1978, he and "his cartoonist" looked very different than they do today. Some of his alter egos include Banana Man, the Claw, Amoeba Man, and the Caped Avenger. For ten points, name this comic cat created by Jim Davis who lives to eat lasagna and terrorize Jon and Odie.

Answer: **Garfield**

10) Leading exponents of this doctrine included Henrik Shipstead of Minnesota, Gerald Nye of North Dakota, Hiram Johnson of California, Burton K. Wheeler of Montana, and William E. Borah of Idaho. It reached perhaps its peak in the U.S. with the Senate Investigation of the Munitions Industries in 1934-1936 and adoption of the Neutrality Acts of 1935, 1936, and 1937. Adherents failed by one vote to defeat a peacetime draft in 1940, and the America First Committee disintegrated rapidly in 1941. FTP name this political philosophy which denounced eastern business, ideological, and political elites for involvement in European affairs.

Answer: **isolationism**

11) Born in 1876 and trained as a carpenter and stonemason, he settled in Paris in 1904. African and Oriental art influenced him greatly; from these inspirations, he created such works as "Beginning of the World", "Maiastra", and "Bird in Space". FTP, identify this free-form Romanian sculptor, perhaps most notable for his "The Kiss".

Answer: Constantin **Brancusi**

12) It states that an induced electromotive force is always in a direction opposite of the change in flux that caused it. This is true even when there is no circuit and is applied when a current is induced in a coil of wire. FTP, identify this law named after an Estonian physicist.

Answer: **Lenz'** Law.

13) It rises in the Baikal highlands and, fed by such rivers as the Vitim, Alekma, and Vilyuv, it empties through a wide delta into the Laptev Sea, part of the Arctic Ocean. The principal city along its bank is Yakutsk. FTP name this 2,730-mile river of east central Siberia.

Answer: **Lena**

14) QUOTE: "A man stood upon a railroad bridge in Northern Alabama, looking down into the swift waters twenty feet below. The man's hands were behind his back, the wrists bound with a cord. A rope loosely encircled his neck. It was attached to a stout cross-timber above his head." For 10 points, this is the first line of what 1891 short story by Ambrose Bierce?

Answer: *An Occurrence at Owl Creek Bridge*

15) Out with the old order, in with the new. The order Edentata is now being applied only to a cluster of extinct toothless or near toothless mammals. Booted out of Edentata, animals of such families as Dasypodidae, Bradypodidae, and Myrmecophagidae have now been reclassified in a new order which takes its name from a certain articulation between vertebrae. FTP name this order which includes sloths, armadillos, and anteaters.

Answer: **Xenarthra**

16) Her first work *In a German Pension* was re-published after her death in 1923, and it didn't seem to fit with the rest of her sensitive work, such as "The Apple Tree" or "The Wind Blows". Like those, her first major story was a recollection of her south Pacific home "The Aloe". Other works include "The Lady's Maid", "Miss Brill", "Life of Ma Parker", "The Daughters of the Late Colonel" and "The Young Girl." For 10 points, name this author, whose major works were published in an anthology which took its title from a story within it, *The Garden Party*.

Answer: Katherine **Mansfield** (accept Kathleen Beauchamp)

17) The foreword to his biography was written by Albert Einstein. His relationship to Einstein came through mathematics, in which he earned his Ph.D. while defending his world title. In 1894, at the age of 25, he challenged Steinitz, the reigning World Champion and defeated him by the score of ten wins, four draws, five losses. He maintained the title for 27 years, the longest period in history, until losing to Capablanca in 1921. FTP, identify this great fighter of chess who took third in an international tournament at the age of 66.

Answer: Emanuel **Lasker**

18) This moon is 14th outward from its planet. Its surface is a cratered terrain with systems of interconnected valleys hundreds of kilometers long. For 10 points, name the largest moon of Uranus which takes its name after the queen of the Fairies in Shakespeare's *A Midsummer Night Dream*.

Answer: **Titania**

19) His first play was the acclaimed *Five Finger Exercise* (1960.) It was made into a high-profile film, as were his later plays *The Royal Hunt of the Sun*, *Lettice and Lovage*, and the award-winning *Equus*. FTP name this British playwright, best known for *Amadeus*.

Answer: **Peter Shaffer**

20) It was abrogated by the formation of the short-lived Dominion of New England in 1686. It created a "civil body politic" to enact "just and equal laws, ordinances, acts, constitutions, and offices." Every adult male had to sign it before being permitted ashore – oh, well, so much for liberty. FTP name this document signed by English colonists in November 1620.

Answer: **the Mayflower Compact**

21) Born in Cambridge, MA in 1894, he got his MA from Harvard in 1916. During WWI he was interned in a prison camp while working as an ambulance driver, the basis for his novel "The Enormous Room." He was most famous for his poetry, such as "anyone lived in a pretty how town", "r-p-o-p-h-e-s-s-a-g-r", and "Buffalo Bill's". FTP, identify this poet whose first and middle names are Edward Estlin.

Answer: **e.e. cummings**

22) Patricia Highsmith wrote the novel; Raymond Chandler co-wrote the screenplay. Guy Haines is an amateur tennis player in love with a Senator's daughter, but he's already married, and his estranged wife Miriam won't divorce him. While traveling to a tournament, he meets Bruno Antony, who also has a problem: his father doesn't approve of his lifestyle. Bruno suggests that he'll kill Guy's wife if Guy kills Bruno's father, "criss-cross". For 10 points, name this 1951 Alfred Hitchcock classic, remade into the Billy Crystal-Danny Devito *Throw Momma from the Train*.

Answer: **Strangers on a Train**

1) This question is likely to be read today in three tournaments in three different time zones. In the interest of equal time, name the following battles FTPE:

a) This Sept. 1863 battle in north Georgia was a Confederate victory and left Union troops bottled up in Chattanooga till the Battle of Chattanooga in November.

Answer: **Chickamauga**

b) This battle of August 10, 1861 near Republic, Missouri, was the first major Civil War battle west of the Mississippi.

Answer: **Wilson's Creek**

c) The Bear Flag rebellion of 1846 in California became sort of an adjunct to the Mexican War with the involvement of this ambitious lieutenant of the Army Corps of Engineers, who was there officially only on a scientific mission.

Answer: **John C. Fremont**

2) 30-20-10-5: Identify the writer from clues.

30) He was born in 1935 in La Junta, CO. His legend was born while he was enrolled in the creative writing program at Stanford.

20) Less famous works include *Last Go Round*, *Little Tricker the Squirrel Meets Big Double the Bear*, and *Sometimes a Great Notion*.

10) He volunteered for drug experiments and was a psychiatric attendant for the Veterans Administration Hospital in Menlo Park, California, which he used as the basis for his most important work.

5) That work was the novel *One Flew Over the Cuckoo's Nest*.

Answer: **Ken Kesey**

3) I will give you an animal; your job will be to tell me FFPE its Class and Order.

1) Wolf Answer: Class - **Mammalia** Order - **Carnivora**

2) Owl Answer: Class - **Aves** Order - **Strigiformes**

3) Bees Answer: Class - **Insecta** Order - **Hymenoptera**

4) Identify these things Al Gore had nothing to do with FTPE.

A) Between 1942 and 1953, Hooker Chemical dumped 22,000 tons of toxic waste into this canal and in 1978 the residents of its namesake neighborhood were evacuated.

Answer: **Love Canal**

B) The male lead is a "preppie millionaire", the female a "social zero", and they both live happily ever after (even though she dies in the end) in this Erich Segal novel.

Answer: **Love Story**

C) It was developed for the military between 1967 and 1972, and fittingly, Vinton Cerf is among those credited with its creation.

Answer: **Internet**

5) FTPE, give the title of the famous opera which is summarized in one sentence. If you need the composer you get only five points.

a) (10 points) This man must sail aboard a ship with a blood red sail until the Day of Judgement unless he can achieve salvation through the love of a woman.

(5 points) Richard Wagner

Answer: **The Flying Dutchman** (Accept Der fliegende Hollander; yeah, right.)

b) (10 points) A man must rescue his dead wife from the clutches of the underworld, but loses her when he looks back at her, upon which he is ultimately united with her in the heavens by his father Apollo.

(5 points) Monteverdi

Answer: **Orfeo**

c) (10 points) Several apparitions of the same genius do various things on stage including dance, write equations onto an invisible blackboard, play the violin, and scribble in a notepad while a couple boards a steam train, a spaceship hovers and finally takes off with the orchestra inside as the curtain falls revealing the equation $E=mc^2$.

(5 points) Philip Glass

Answer: **Einstein on the Beach**

6) Given some tributaries, name the major river they feed FTPE:

a) Junma, Brahmaputra Answer: **Ganges**

- b) Big Sandy. Monongahela, Wabash Answer: **Ohio** [accept Mississippi, since technically they eventually do]
- c) Pilcomayo, Paraguay, Parana Answer: Rio de la **Plata**
- d) Tanana, Porcupine Answer: **Yukon**
- e) Kama, Vyatkai, Oka, Moskva Answer: **Volga**
- f) Snake, Willamette Answer: **Columbia**

7) Mel Brooks is a funny man. Answer the following about some of his antics for ten points each.

a) Shot in black and white in the same castle and using the same equipment as the 1931 movie it parodies, and starring Gene Wilder, Peter Boyle, and Teri Garr, among others, it tells of a famous mad scientist's grandson who carries on his work in reanimation.

Answer: **Young Frankenstein**

b) A parody of science fiction movies, especially Star Wars, Wizard of Oz, Planet of the Apes, Star Trek, and others, the story revolves around Princess Vespa, who is kidnapped while running away on her wedding day. Her father recruits Lone Star and his trusty sidekick, Barf, to bring her back home safely.

Answer: **Spaceballs**

c) Mel and his gang travel through the history of human civilization, providing a different point of view to famous events. A new look at cavemen, Moses, the Last Supper, the Roman Empire, the Spanish Inquisition, and the French Revolution.

Answer: **History of the World Part 1**

8) Given a C++ operator, tell whether it is unary, binary, or relational for 10 points each.

- a) + Answer: **binary**
- b) -- Answer: **unary**
- c) == Answer: **relational**

9) Name the French playwrights from works FTPE. For the sake of our readers, titles are in English where possible:

a) *The School for Wives*, *The Imaginary Invalid*, *The Miser*

Answer: **Moliere** [accept Jean-Baptiste Poquelin from showoffs]

b) *Britannicus*, *Bajazet*, *Berenice*

Answer: Jean **Racine**

c) *The Madwoman of Chaillot*, *Tiger at the Gates*

Answer: Jean **Giraudoux**

10) FTPE, name these terms that refer to the trajectory of a Aerospace vehicle:

- a) Rotational motion about the axis along which the vehicle is traveling Answer: **roll**
- b) Rotational motion about an axis parallel to the forward horizon Answer: **pitch**
- c) Rotational motion about an axis perpendicular to the plane of flight Answer: **yaw**

11) Name these Nigerian authors, for the stated number of points.

A) (10 points) He was considered to be the first Nigerian author to transmute the novel into African literature, with novels such as *Things Fall Apart* and *No Longer at Ease*.

Answer: Chinua **Achebe**

B) (5 points) He produced *The Swamp Dwellers* in 1958 and later was awarded the Nobel Prize for literature in 1986.

Answer: Wole **Soyinka**

C) (15 points) This Womanist's first two novels were the autobiographical "In the Ditch" and "Second Class Citizen".

Answer: Buchi **Emecheta**

12) Given a song from the Top 10 on the country music charts in Sept. 2001, name the artist, 5-10-20-30:

- a) "Only in America" Answer: **Brooks & Dunn**
- b) "What I Really Meant to Say" Answer: Cyndi **Thomson**
- c) "Angry All the Time" Answer: Tim **McGraw**
- d) "I'm Just Talkin' About Tonight" Answer: Toby **Keith**

13) FTPE, give the number of moles of oxygen (O₂) needed for complete combustion of one mole of the given organic fuel.

- a) CH₄ (Methane) Answer: **Two**
- b) C₆H₁₂O₆ (Glucose) Answer: **Six**
- c) C₂H₂ (Acetylene) Answer: **Two and a half**

14) Name the architects from designs FTPE.

A) Bank of Hong Kong, the Louvre, and the JFK Library

Answer: I. M. **Pei**

B) Perlstein Hall, Carr Memorial Chapel, and the Farnsworth House

Answer: Ludwig **Mies Van Der Rohe**

C) La Sagrada Familia, Casa Calvet, and Cripta Colonia Guell

Answer: Antonio **Gaudi**

15) Neptune has 8 known moons. FTPE, name these, given descriptions.

a) This is Neptune's largest moon, far larger than its others.

Answer: **Triton**

b) This is Neptune's smallest moon, named after the mythological nymphs who presided over brooks springs and fountains. Answer: **Naiad**

c) This is the sixth of Neptune's moons and the second largest; it is non spherical in shape and its name reflects this quality. Answer: **Proteus**

16) For ten points each given a major historical event of the late 20th century, give the exact date when it occurred. If you come within a week of it, you'll get 5 points.

a) The assassination of Martin Luther King, Jr.

Answer: **April 4, 1968** (5 points for Mar. 27- Apr. 11)

b) Apollo 11 lands on the moon

Answer: **July 20, 1969** (5 points for July 13 – July 27)

c) Richard Nixon resigns

Answer: **August 9, 1974** (5 points for Aug. 2- Aug. 16)

17) Identify the poems from lines FTPE.

A) "From what I've tasted of desire / I hold with those who favor fire."

Answer: ***Fire and Ice***

B) "But I like it / Because it is bitter / And because it is my heart."

Answer: ***In the Desert***

C) "That piece a wonder, now: Fra Pandolf's hands / Worked busily a day, and there she stands."

Answer: ***My Last Duchess***

18) For five points each, identify 6 of the seven daughters of Atlas, who were known as the Pleiades.

Answers: **Electra, Maia, Taygete, Alycone, Merope, Celaeno, Sterope**

19) When you discuss Lebanese politics, you have to address the Gemayel family. The father founded the Phalange, the right-wing political party and para-military organization, the youngest son was assassinated after winning election to the presidency in 1982, and the older son was elected by parliament in the aftermath of that assassination. For 10 points each, in no particular order, give the first names of those three Gemayels.

Answers: **Pierre, Bashir, Amin**

20) Identify the author from a list of works FTPE.

a) *The King of Ys, Three Hearts and Three Lions, Operation Chaos*

Answer: Poul **Anderson**

b) *The Wheel of Time, The Shadow Rising*

Answer: Robert **Jordan**

c) *The Right to Arm Bears, The Dragon and the Djinn, Soldier, Ask Not*

Answer: Gordon R. **Dickson**