

1. The units used to express this quantity in the SI measurement system are extremely large, due to the fact that most electric applications call for devices which typically measure one-millionth of the SI unit. The quantity implies an associated storage of electric energy. FTP, name this electric quantity defined as alternately the permittivity of the material between two metallic plates multiplied by the surface area of those plates, divided by the distance between them, or more simply by the ratio of stored charge on those plates divided by the voltage difference between the two plates, and which, in the SI system, is measured in farads.

Capacitance

2. This American poet was, at various times, a bobbin boy, a cobbler, a schoolteacher, a journalist and a farmer. Later in his life, he also made goodwill trips for the State Department. Volumes of his poetry include *New Hampshire*, and *West Running Brook*. He also read his poem, *A Gift Outright*, at John F. Kennedy's inauguration. FTP, name this author of *Stopping By Woods On A Snowy Evening*.

Robert Frost

3. This woman studied English literature at Vassar, graduating in 1909. She wrote poetry under the pseudonym Anne Singleton until the early '30s. She got her Ph. D. from Columbia, studying under Franz Boaz, and her thesis, published in 1923, was entitled *The Concept of the Guardian Spirit in North America*. She studied several Indian tribes, publishing *Zuni Mythology* in 1935. Name this woman who published *Patterns of Culture* in 1934 and *The Chrysanthemum and the Sword* in 1946.

Ruth Benedict

4. This Danish author's first novel was *Seven Gothic Tales* in 1934, followed by *Winter's Tales* in 1942. In this and other works, she followed an existentialist tradition, and was also recognized by feminist critics. She wrote under the pseudonym Isak Dinesen, and is best known for *Out of Africa*.

Karen Blixen (accept Isak Dinesen before mentioned)

5. This man studied at the University of Toronto and Oxford, and later lectured about history at Toronto. He served in the Canadian foreign service, serving as the ambassador to the United States in 1945-46, and as ambassador to the United Nations from 1948 to 1956, all while serving in Louis St Laurent's government from 1948. His efforts to solve the Suez crisis gained him the 1957 Nobel Peace Prize. FTP name this Canadian Prime Minister from 1963 to 1968, after whom the airport in Toronto is named.

Lester B Pearson

6. Also called the tricarboxylic acid cycle, this is the terminal stage of the process by which living organisms oxidize foodstuffs and obtain energy from the same. It is one of the features shared by all types of life. The enzymes used as catalysts are located in animals' mitochondria, and in plants' chloroplast. FTP name this process, also called the citric acid cycle, named for the German who completely formulated it in 1937.

Krebs cycle (accept citric acid cycle before mentioned)

7. In 1937, Alexander Du Toit postulated its existence, reformulating the theory of Alfred Wegener. It is thought to have split into North America, Europe, and Asia during the Mesozoic Era. FTP name this landmass separated by the Sea of Tethys from Gondwanaland.

Laurasia

8. Hailed as a "Cossack Chopin for future generations" upon his debut in New York, this Soviet composer was successful in composing for films like *Alexander Nevsky* because of the visual quality of his work. He also composed symphonies, such as the Scythian Suite, and opera, like *The Love For Three Oranges*. FTP, identify this composer of the *Lieutenant Kije Suite* and *Peter and the Wolf*.
Sergei Prokofiev

9. Born in 1831 in Owingsville, Kentucky, this Civil War general was known as a fighter. He was seriously wounded at Gettysburg leading an assault on the Federal left, and lost his leg at Chickamauga two months later. Appointed as a lieutenant of Joe Johnston in early 1864, President Davis replaced Johnston with him in July because of Johnston's constant retreating and his refusal to fight. He held Atlanta for five weeks, then marched into Tennessee to strike Sherman's rear, only to get routed at Franklin in November and Nashville in December. FTP name this man who retired to New Orleans, died there in 1879, and is buried there.
John Bell Hood

10. Her pen name comes from a song by Stephen Foster. She was, at various times, committed to an insane asylum, sent to prison, and enslaved in sweatshops to expose the conditions there. FTP, name this muckraking journalist, whose real name was Elizabeth Seaman Cochrane, known for her 72 day trip around the world.
Nelly Bly

11. This play is based on an Italian comedy called *Gl'ingannati*, not on the suggestions of the Lady deLesseps at the end of Shakespeare in Love. A subplot involves the removal of Olivia's steward, Malvolio, by SirToby Belch and others. The main plot concerns a shipwreck, a brother and sister who resemble each other, and the sister's disguise as the page Cesario. FTP, name this Shakespeare comedy about Duke Orsino & Viola.
Twelfth Night

12. Costars include Kurtwood Smith of *That 70's Show* as the mob boss Vince Lombino, Jason Robards as Police Chief Rotzinger, and Phil Hartman as Edison. This 1990 movie is about a trio's trials in escaping New York after robbing a bank. FTP name this comedy starring Geena Davis, Randy Quaid and Bill Murray, "the clown, at whom no one is laughing".
Quick Change

13. This book is told by the wife and four daughters of Nathan Price, who move from their home in Georgia to the Congo. Baptist missionaries, they are unprepared for the jungle, and find everything they brought is affected by the Congo, from their garden seeds to their Scripture. FTP, identify this novel by Barbara Kingsolver.
The Poisonwood Bible

14. Accused of being the "Number 2 Capitalist Roader" and purged during the Cultural Revolution, this man spent 7 years working in a tractor factory before being appointed a deputy premier in 1973 by Zhou Enlai. Purged again at Zhou's death in 1976, he regained power the next year. He resigned from government in 1980, and after the use of force in Tienammen Square, resigned his post in the Chinese Communist Party. Although he never rose to a position higher than deputy premier and vice chairman of the Chinese Communist Party, what man was considered the de facto leader of China from 1978 to his death in 1997?
Deng Xiaoping

15. His mother Coronis was one of the less intelligent maidens of Greek mythology, and cheated on a god. A snowy raven was the one who reported this faithlessness to Apollo, and was forever changed to black. He was raised by Chiron, and killed by Zeus when his skill in saving lives undid the work of the Fates. FTP, name this Greek god of healing.
Aesculapius or Asclepius

16. This Southern African country's currency is now worth about a nickel to the US dollar, and a quarter of its population is infected with the AIDS virus. Worsening conditions such as these have prompted former Prime Minister Ian Smith to return to politics. He has spoken out against the actions of his successor, President Robert Mugabe, whose promises to resistance fighters has led to squatters on many plantations in, FTP what country with capital at Harare?

Zimbabwe

17. This element is a very heavy, precious and silver-white metal. It is soft, ductile and resists corrosion remarkably well, and is often used with small amounts of iridium to strengthen it, whilst retaining the properties of the same. It has many applications, notably in petroleum refining and the manufacture of catalytic converters. FTP name this element whose atomic weight is 195.1 and whose atomic number 78.

Platinum

18. The body is represent by a vertical three line staff, and the length of the center line represents the time elapsed. A symbol represents the length and direction of the movement, as well the part of the body moved. FTP, name this system for noting choreography, developed in the early 20th century by Hungarian Rudolf Laban.

Labanotation

19. She was known as much for her eccentricities and scandals, such as a 1878 balloon ride, as her acting ability and a voice like 'a golden bell.' She was also a sculptor and author, and managed several theatres, including the Odeon in Paris, which she turned into a field hospital in the first World War. Some of her most famous roles include Sardou's La Tosca and Phedre. FTP, identify this turn of the century French actress, also known for playing the leads in Hamlet and Rostand's L'Aiglon.

Sarah Bernhardt

20. Only Charles XII, his Cossack ally Mazepa, and a few followers escaped following their defeat at this 1709 battle. The Russian victory here ended Swedish invasions, and confirmed Russia's rising status as a European power. FTP, name this battle in the Ukraine that was a famous victory for Peter the Great, and vindication of his reforms.

Battle of Poltava

21. John B. was the governor of Virginia, a Secretary of War under President Buchanan and the Confederate general perhaps most responsible for losing West Virginia to the north. William was a signer of the Declaration of Independence from New York. Charles Arthur was a gunman and bank robber from 1925 until his death in 1934, and was known as "Pretty Boy". FTP give the common surname, also shared by the rock band Pink.

Floyd

22. When a massive star has exhausted its internal thermonuclear energy, it becomes unstable and gravitationally collapses on itself to zero radius, or a singularity. It forms an event horizon, whose radius is proportional to the mass of the star. This is called the Schwarzschild radius. FTP name this object which is so named because of the fact that not even light can escape from the area enclosed by the event horizon.

Black hole

1. FTSNOP, given a description, name the physical laws.

For 5, this law states that $F=ma$.

Newton's 2d Law

For 10, this law states that an elastic restoring force is proportional to the distance from equilibrium.

Hooke's Law

For 15, this law states that emission and absorption lines of a given crystal can only be viewed at certain angles and are related to the lattice constant of the crystal.

Bragg Equation

2. Identify the African author from works 15-10 or from the country for 5:

15: Anthills of the Savanna

10: Things Fall Apart

5: Nigeria

Chinua Achebe

15: Ah, But Your Land Is Beautiful

10: Too Late the Phalarope

5: South Africa

Alan Stewart Paton

3. 30-20-10 Identify the name from its various appearances.

30: A collection of poems written by Sylvia Plath in the last few months before her suicide.

20: A sprite, serving Prospero, who convinces Sebastian not to assassinate his brother, Alonso, in Shakespeare's Tempest.

10: A little mermaid who hangs out with a crab named Sebastian.

Ariel

4. Identify these explorers of cold places from descriptions FTPE.

The body of this English explorer, who was known for several expeditions in the Alps and Mount Everest, was recently found on Everest, where he had disappeared in 1924.

George Herbert Leigh Mallory

This American received credit for first reaching the North Pole, in 1909, after his shipmate Dr. Frederick A. Cook was discredited.

Robert Edwin Peary

This Norwegian was among the first to navigate the Northwest Passage before turning his attentions to the Antarctic, where he became the first man to reach the South Pole.

Roald Amundsen

5. Given a formula, name the hydrocarbon FTPE.

C_5H_{12} pentane

C_2H_2 ethyne or acetylene

C_8H_{18} octane

6. Answer these questions about both the elder and younger William Pitt.

Give the French name of the city named after Pitt the elder when it was captured in the French & Indian War during his term as Prime Minister.

Fort Duquesne

Name the king served by both elder and younger.

King George III

Give the title first secured by the elder but held by both

Earl of Chatham

7. Identify the artist from less famous works for less common works for 15 or better known works for 5.

For 15: Fortitude, St. Sebastian, Punishment of Korah

For 5: Birth of Venus, La Primavera

Sandro Botticelli

For 15: Triton Fountain, Aeneas and Anchises

For 5: Four Rivers, Apollo and Daphne

Gian Lorenzo Bernini

8. Identify these economic laws F15PE.

First, this curve states that there is an ideal percentage of income, much less than 100%, to tax to get the most revenue; supply-siders use it to justify low taxes. Laffer Curve

This law, perhaps the original linchpin of supply-side economics, states that supply creates its own demand. Say's Law

9. 30-20-10 Identify the author from works.

30: Twilight In Italy, The Woman Who Rode Away

20: The Plumed Serpent, Women in Love

10: Lady Chatterly's Lover, Sons and Lovers, The Rocking Horse Winner

David Herbert Lawrence

10. ^{FTPC} ~~5-10-15~~ Identify the god or goddess of agriculture, given the mythology.

For 5: Roman Ceres (NOT Demeter)

For 10: Norse Fry Freyr or Freya

For 15: Egyptian Khnum or Osiris
Greek Demeter

11. Identify these current participants in the Middle East peace process for 10 points each.

The Prime Minister of Israel Ehud Barak

The President of Syria Hafiz al-Assad

The President of Egypt Hosni Mubarak

12. Identify the musical from songs, for 10 points each.

"In A Little While," "Shy," "An Opening For A Princess", "I'm in Love with a Girl Named Fred"

Once Upon A Mattress

"An Old Fashioned Wedding," "Anything You Can Do," "There's No Business Like Show Business"

Annie Get Your Gun

"Don't Tell Mama," "Mein Lieber Herr," "Willkommen"

Cabaret

13. Answer these related questions FTSNOP

For 5, which organ secretes bile?

Liver

For 10, name the cells which make up about 60% of the liver.

Hepatic cells

For 15, name the cells which line the smallest channels of the liver's vascular system and play a role in blood formation and antibody production.

Kupfer cells

14. Identify the following children's authors from works for 10 points each.

Midnight Magic, Poppy, The True Confessions of Charlotte Doyle

Avi

Number the Stars, The Giver, Taking Care of Terrific

Lois Lowry

Matilda, James and the Giant Peach, Charlie and the Chocolate Factory

Roald Dahl

15. Name the song from lyrics, 30-20-10

30: "I arrived at her house, knocked on her door, not havin' no idea of what the night had in store"

20: "I'm just like that man they call Georgy Puddin' Pie; I break the girls' hearts and I make them cry"

10: The chorus: "I'm like a dog in heat, a freak without warning; I got an appetite for sex, 'cause..."

Me So Horny by 2 Live Crew

16. Name these rivers from descriptions FTSNOP

First for 5, this river flows from Pittsburgh through Cincinnati and Louisville on its way to the Mississippi around Cairo, Illinois.

Ohio River

Next, for 10, this river flows northward from western North Carolina, and its name is ironic because it is one of the oldest rivers in the world, emptying into the Kanawha R., which eventually empties into the Ohio.

New River

Finally, for 15, this river is a tributary of the Tennessee and flows southwest from southwestern Virginia through Bristol into the Tennessee River.

Holston River

17. Answer these questions about the British North America Act

For 10 points if exact, and 5 for within 5 years, in what year was it enacted, creating the Dominion of Canada?

1867 1862 - 1872

For 5 each, name the 4 original provinces of the Dominion.

Ontario, Quebec, New Brunswick, Nova Scotia

18. Identify the following Jane Austen novels from the location.

Longbourn, Pemberly.

Pride and Prejudice

Highbury, Hartfield, Mrs. Goddard's School

Emma

Norland Park, Barton Cottage

Sense and Sensibility

19. Name the constellations given a star therein FTPE.

Deneb Cygnus

Regulus Leo

Aldebaran Taurus

20. Identify the architect from work or works, 10 points each.

Villa Savoye, Notre Dame du Haut

Le Corbusier (acc. Charles Jeanneret)

Geodesic Dome

R. Buckminster Fuller

Guggenheim Museum, Pope-Leighey House, Falling water

Frank Lloyd Wright

21. Answer the following about Peru, on a 5-10-15 basis.

For 5: Name the capital.

Lima

For 10: Name the President of Peru.

Alberto Fujimori

For 15: What is the name of the terrorist group that, from December 1996 to April 1997, held 72 people hostage at the Japanese embassy in Lima?

Tupac Amaru Revolutionary Movement or MRTA