

1. He probably lived from roughly 1480 to 1540. Germans of the time considered this astrologer and magician a fraud and a criminal, and Martin Luther believed he had devilish powers. His first biography was by an unknown author, but in 1588 he gained greater fame in a fictionalized depiction by Christopher Marlowe. FTP who is this enduring character, best known as a Goethe subject?

Answer: **Faust** or Faustus

2. In the 1960's a system using cobalt-57 heated and diffused into iron, a loudspeaker driven at 10 Herz, and an annealed thin sheet of iron used as the detector were employed by Pound, Rebka, and Snyder of Jefferson Physical Laboratory at Harvard to measure it within 1% of the expected number, using the Mossbauer Effect. It relates the relativistic Doppler Shift from an accelerating light source to the shift in radiation frequency due to gravitational field. FTP name this phenomena explained by Einstein's General Theory of Relativity which explains why light from a height "H" has a higher frequency than light at height "0."

Answer: Gravitational **Red Shift**.

3. Born in Newton, Mass. in 1721, he moved to Connecticut where he became a Cobbler. In 1774 he was elected to the first Continental Congress, where he signed the Articles of Association. He then served on the committee to write the Declaration of Independence and was also a signer of the Articles of Confederation, making him the only man to sign those three and the Constitution. FTP what founding father, with Oliver Ellsworth, introduced the Connecticut Compromise, giving us the bicameral Congress we know and love?

Answer: Roger **Sherman**

4. Ancillary movements were to be Lord Montbatten's capture of Singapore and the conquest of the Liuchow Peninsula to supply China. Operation Olympic would land 14 divisions under General Kreuger at beaches named Buick, Chrysler, Chevrolet, and Ford. They were to establish a huge air base and would be supported by 23 battleships, 47 carriers, and 1500 transports. If all went well next spring would see Operation Coronet involving up to 28 divisions under Generals Eidelberger, who was to capture Yokohama, and Hodges who would drive to Tokyo. Casualty estimates went up to one million dead. FTP name this action stalled by the dropping of the atomic bomb on Hiroshima, the invasion of the U.S.'s Pacific enemy.

Answer: Invasion of **Japanese Home Islands**.

5. Seeking a suitable acting debut vehicle, she has purchased the movie rights to the life story of Jackie Mitchell, the Chattanooga girl who struck out Ruth and Gehrig. She played herself in cameos in her first two films, *Dill Scallion* and *Coyote Ugly*; the *Coyote Ugly* soundtrack got her a #1 hit in the UK with "Can't Fight the Moonlight." FTP name this former Horizon Award winner, whose country hits include "Looking Through Your Eyes," "How Do I Live," and "Blue."

Answer: Leann **Rimes**

6. Pencil and paper may be needed. Cassie and her brother Matt were on a raft when they poked a big hole in it. Water started coming in at a rate of 10 gallons per minute. Their raft officially sinks with 30 gallons. If Matt is paddling to shore a half mile away at the rate of four miles per hour, how fast must Cassie bail out water so that their trip to shore will not include swimming?

Answer: Cassie would need to bail out water at a rate of **6 gallons per minute**

7. He was working on a novel about the Borgias at the time of his death and he was also the author of a book for kids, *The Runaway Summer of Davie Shaw*. His first two novels, *Dark Arena*, about an ex-soldier and his German mistress, and *The Fortunate Pilgrim* about a family of Italian immigrants, were critically acclaimed but sold poorly. His next novel, to which he admitted was not particularly well-written, spent 67 weeks on the New York Times Bestseller List and led to two academy awards for best screenplay. FTP name this pulp author of *The Godfather*.

Answer: Mario **Puzo**.

8. Depicted as an art show kleptomaniac in an episode of the *Simpson's*, he began his career as an Abstract Expressionist but he and his friend Robert Rauschenberg, inspired by Duchamp, turned to another form. Portraying objects "seen, but not looked at" he raised the mundane to the level of high art, causing William de Kooning to note "you could give that son-of-a-bitch two beer cans and he could sell them." This comment resulted in *Painted Bronze* which, in 1960, sold for \$960. FTP name this Pop Artist who painted everyday things like alphabets, numbers, and most notably, flags.

Answer: Jasper **Johns**.

9. Holding a post in the household of Catherine of Aragon after spending several years in the court of France, she was accused of bringing about the reformation single-handedly. Dark-haired with large eyes, she had a mole on her neck and a malformed finger. The Marchioness of Pembroke, her uncle Norfolk presided over her trial. FTP, name this queen of three years that had Jane Seymour as one of her own ladies in waiting, the second queen to Henry VIII.

Answer: Anne **Boleyn**

10. A rabbit in 1959, mice in 1968, and a calf in 1981 were among the first that resulted from this process. In 1979 Louise Brown was the first human conceived in what is inaccurately but amusingly called a "Womb With a View." FTP What term refers to the production of human embryos outside the human body, usually in a test tube?

Answer: **In Vitro** Fertilization

11. After being turned down by Notre Dame, who were wary of his small size, he had an outstanding college career at the University of Louisville. He was drafted by the Steelers in 1955 but they already had too many quarterbacks; he went home and was picked up by another NFL team the following year. During an 18 year career, which he ended in 1973 as a San Diego Charger, he won three NFL championships, one Super Bowl and threw a touchdown in a record 47 consecutive games. FTP name this longtime Baltimore Colt who recently died of a heart attack at age 69.

Answer: Johnny **Unitas**.

12. It ends with the Father discovering the youngest daughter drowned in the garden and the Young Boy shooting himself with a revolver, after which the Manager calls off rehearsal. Before this the Father had allowed his wife to abscond with his secretary, leaving his son feeling abandoned and useless. Then, the father who is missing his children, nearly seduces his Step-Daughter, who has returned to the city with her mother and is being employed by Madame Pace as a prostitute. FTP this describes the plot of what Luigi Pirandello play.

Answer: **Six Characters in Search of an Author**.

13. He sold his story to a Hollywood studio on the condition that no "oomphy" girl would play his wife; the role went to the demure Joan Leslie. While in the U.S. 82nd infantry, he singlehandedly knocked out 35 German machine guns, killed 25 Germans, and captured 132 more at the Battle of Argonne Forest on October 8, 1918. When asked how, he said, "I surrounded 'em". FTP name America's foremost war hero, who had sought conscientious objector status at the outbreak of World War I

Answer: Alvin Cullum **York**

14. Established in 1762 by Irish traders at the crossroads of Catawba Indian ^{tribes} ~~tribes~~, it was a hotbed of rebels during the Revolutionary War and received its nickname from a comment by General Cornwallis. It experienced a gold rush in the early 1800's, was the place of the last meeting of the Confederate cabinet, and has recently become an international banking center and home to Duke Energy, the biggest electric utility in the nation. FTP, name this largest city in North Carolina which recently lost its NBA team, the Hornets.

Answer: **Charlotte**.

15. Evidence from their tools show that they were predominantly right handed and the pattern in their left cerebral hemisphere suggests they may have had speech ability. Their cranial capacity was around 700 cubic centimeters which required a complicated heat exchange system in their heads to cool their brain. Their tools included all-purpose lava cobbles, choppers and flakes. Mostly scavengers, they may have preyed on their contemporary *Australopithecus bosei*. FTP name these "handy men" who lived around 1.8 million years ago, first discovered by Mary and Louis Leakey in Olduvai Gorge.

Answer: **Homo Habilis**.

16. When this ballet debuted in Paris on May 29, 1913, a riot erupted in the audience. The composer's inspiration came in a "fleeting vision" where he "saw in imagination a solemn pagan rite: wise elders, seated in a circle, watching a young girl dance herself to death." This is, FTP, what ballet scored by Igor Stravinsky?

Answer: **The Rite of Spring (or La Sacre du printemps)**

17. Founded as an Express company by two founders of the east-coast based American Express, it served the western states in the post Gold Rush boom. In 1866 it acquired Butterfield's Overland Mail express and established a monopoly in western stage coach transportation. In the late 1800's it entered banking, and later saw its express company holdings nationalized during World War. In the late 1900's it acquired Crocker, First Interstate, and Norwest banks. For 10 points, name this company, whose co-founder gave his name to a North Dakota town and whose wagon was the subject of a song in *The Music Man*.

Answer: **Wells Fargo and Company**

18. Described as "tall, but exceedingly lank, with narrow shoulders, long arms and legs, hands that dangled a mile out of his sleeves, [and] feet that might have served for shovels" [...] "he had the dilating powers of an anaconda." A native of Connecticut he was spotted as an old man in another part of the country serving as a justice of the Ten Pound Court. "An odd mixture of small shrewdness and simple credulity," his favorite book was Cotton Mather's *History of New England Witchcraft*. A strict disciplinarian in his school house, he fell for Katrina Von Tassel despite the fact that she was also the sweetheart of Brom Bones. FTP name this resident of Sleepy Hollow who disappeared after an encounter with the headless horseman.

Answer: **Ichabod Crane.**

19. An insoluble trace element in living organisms, it is the most electropositive metallic halogen, but the least reactive. Used in photography, dyes, and antiseptics, it's essential to the functioning of the thyroid gland. FTP name chemical element 53.

Answer: **Iodine**

20. Loosely modeled on the nearby Rotunda of the Holy Sepulchre, it rises from the Noble Enclosure at the spot of Adam's burial and the location of the Temple of Solomon destroyed in 70 A.D. It was erected by the caliph Abd al-Malik while a rebel caliph held Mecca. With mosaic decorations on both the interior and exterior its massive octagonal dome is 60 feet across and 75 feet high, and it is a shrine rather than a mosque. FTP name this structure, containing the object on which Mohammed ascended to heaven, located in Jerusalem.

Answer: **Dome of the Rock.**

21. Her autobiographical essay *Cassandra* has been called "a major text of English feminism, a link between Wollstonecraft and Woolf." A daughter of a wealthy family, her father educated her in all the classics but her family was appalled by her career choice. Nonetheless in 1854 she set out for a Russian peninsula where conditions for wounded soldiers were atrocious before she instituted her wide ranging reforms. FTP name this women nicknamed 'The Lady of the Lamp,' most famous for her nursing skills used in the Crimean War.

Answer: Florence **Nightingale.**

22. Created in 1932, it was the Republican solution to mass unemployment, it advanced \$2 billion in loans to state and local governments, and to banks, RRs, farm mortgage associations, and other corporations. FTP Name this pre – New Deal response to the Great Depression.

Answer: **Reconstruction Finance Corporation**

23. It was described by the satirist Lucian in his *Lover of Lies*, which is the only way it can be identified and credited to its creator. Originally a bronze piece created around 450 B.C. It only survives in a poor Roman copy in marble with a tree-trunk inserted for support. Although the face is expressionless and turned from the viewer, an impression of impending motion is given by the two arcs formed from the arms: the left hanging down, and the right raised high. FTP name this sculpture depicting an athletic contest, by Myron.

Answer: **Diskobolos or Discus Thrower.**

1. Identify the type of blood cell from a brief description, FTPE.

1. Hemoglobin makes up 33% of the protein of this anuclear cell type.

Answer: **Erythrocytes or Red Blood Cells.**

2. These cells release histamine and heparin much like mast cells, but they have differences which distinguish them from mast cells.

Answer: **Basophils.**

3. This cell type is the most abundant white cell type found in the blood. They phagocytose, oxidize, and hydrolyze invading bacteria.

Answer: **Neutrophils.**

2. Identify the Eastern European leaders from clues FTPE.

1. He led the Yugoslav Communist guerillas in WWII against the Nazis as well as the Royalist Guerillas, whom he quickly defeated. After the war he became his nation's leader maintaining absolute power until his 1980 death and also keeping his nation from becoming a mere Soviet satellite.

Answer: **Tito or Josip Broz.**

2. This man became the leader of "Prague Spring" after becoming the First Secretary of Czechoslovakia following Antonin Novotny's resignation in 1968. His attempt at liberalism and "socialism with a human face" sputtered upon Soviet military intervention.

Answer: **Alexander Dubcek.**

3. This 1983 Nobel Peace Prize winner led Poland's Solidarity movement after its inception in 1980 eventually leading Poland away from the USSR and becoming his country's first non-Communist President in 1990.

Answer: **Lech Walesa.**

3. Identify the Shakespeare plays given the opening lines and who speaks them FTPE.

1. "I learn in this letter that Don Pedro of Aragon comes this night to Messina," spoken by Leonato.

Answer: **Much Ado about Nothing.**

2. "O for a muse of fire, that would ascend/ The brightest heaven of invention/ A kingdom for a state, princes to act,/ And monarchs to behold the swelling scene," said by the Chorus.

Answer: **Henry V.**

3. "If music be the food of love, play on,/ Give me excess of it that, suffering, The appetite may sicken and die," spoken by Orsino.

Answer: **Twelfth Night.**

4. FTP, name the movie from features from their two-disc special edition DVD's.

10: This Collector's Edition features the 2001 OSCAR-winning animated short film, "For the Birds," and a new animated short, "Mike's New Car."

Answer: **Monsters, Inc.**

10: The New Line Platinum Series entry has the documentary "That Moment" and the full Frank T.J. Mackey infomercial.

Answer: **Magnolia**

10: This 20th Anniversary Edition adds a new documentary to all the special features found on the laserdisc version, which included storyboards for the Light Cycles

Answer: **Tron**

5. Identify this man who made notable contributions in three different social sciences, 30-20-10:

30: In Anthropology he wrote *The Origin of the Family, Private Property, and the State*. Drawing from the studies of American Lewis Morgan, he argued that Private Property and patriarchy were relatively new conditions in world history beginning with the intensive farming of the Bronze Age.

20: In Sociology he authored *The Condition of the Working Class in England*, an attack on the horrendous living and working environments of the poor in London and especially the "hypocritical town planning" which played a big part in it.

10: In Economics he edited and completed Volumes 2 and 3 of *Das Kapital* from notes after the death of his friend and collaborator, Karl Marx.

Answer: **Friedrick Engels.**

6. FTPE answer the following about advancements in our understanding of subatomic particles:

a) This New Zealand native set forth the nuclear model of the atom and co-discovered atomic transmutation.

Answer: Ernest **Rutherford**

b) In 1913 he explained why electrons do not spiral into the nucleus, stating that electrons can only occupy certain orbits around the nucleus, and by emitting or absorbing quanta can only move into orbits at other distances.

Answer: Niels **Bohr**

c) Later experiments proved his 1924 theory of matter waves, particularly that electrons exhibit wave properties, earning him the 1929 Nobel Prize in Physics.

Answer: Louis Victor **de Broglie**

7. Name the Toni Morrison novels from clues FTPE.

1. Sethe and her daughter Denver host two guests at their Cincinnati home. The first is Paul D an old friend of Sethe before her escape from Sweet Home Plantation. The second is the title character, the daughter whom Sethe had killed before being recaptured.

Answer: **Beloved**.

2. It tells the story of two childhood friends. The first, Nel Wright stays in the Bottom, marries and becomes an upstanding member of the black community. The second, the title character, goes to college and spends ten years roaming from city to city. She returns as a cynical seductress who sleeps with Nel's husband.

Answer: **Sula**.

3. Morrison's first novel it is told through the eyes of Claudia and Frieda MacTeer, two young sisters. The plot focuses on eleven year old Pecola Breedlove who desires the title object so she will be beautiful. Instead she is raped by her father and slowly descends into madness.

Answer: The **Bluest Eye**.

8. Identify the ESPN sportscaster from descriptions FTPE.

1. This *Sportscenter* anchor is most famous for having his strange name ridiculed by Jerry Stackhouse in a well-known *Sportscenter* advertisement.

Answer: Trey **Wingo**.

2. A Sportscenter anchor, he also hosts the ESPN's sports trivia game-show *The Two Minute Drill*, and previously was an anchor for *SportSmash*.

Answer: Kenny **Mayne**.

3. This analyst for Baseball Tonight was broadcaster at the College and Little League World Series' During the late 80's and early 90's he was an all-star second baseman for the Seattle Mariners who led the league with 60 stolen bases in 1987.

Answer: Harold **Reynolds**.

9. Many Generals are often called that Old so and so, (for instance Jackson was Old Hickory.) Name these old generals FTPE:

A. Old fuss and feathers

Answer: Winfield **Scott**

B. Old rough and ready

Answer: Zachary **Taylor**

C. Old blood and guts

Answer: George **Patton**

10. Identify the English Bibles from descriptions FTPE.

1. This was the first complete Bible written in English. It was based on the Vulgate of St. Jerome and translated and compiled by Nicholas of Hereford; however, it is named after a 14th century religious reformer who advocated that everyone should read the Bible and interpret for themselves.

Answer: **Wyclif's Bible**.

2. This Bible is generally regarded as "the most beautifully written" bible in English. Also known as the Authorized Bible it was named for the monarch who ordered its compilation.

Answer: **King James Bible**.

3. London Publishers Baker and Lucas were fined 300 pounds for a 1632 printed edition now known as the Wicked or Naughty Bible, leaving out the "not" in this key five-word phrase from chapter 20 of Exodus.

Answer: **Thou shalt not commit adultery** (accept modern equivalents grudgingly)

11. Name the related authors for 10 points each.

A. Born Christmas Eve in 1822 to the headmaster of Rugby, he became a poet and essayist. His 1858 tragedy *Merope* is among his better known works. In 1861 he wrote "On Translating Homer".

Answer: Matthew **Arnold**

B. *The Devils of Loudon* was written by this grand-nephew of Matthew Arnold, whose other works include *Point Counterpoint* and *Ape and Essence* in addition to *Brave New World*.

Answer: Aldous (Leonard) **Huxley**

C. A friend of Aldous Huxley's, his works include *The Rainbow*, *Women in Love*, and *Sons and Lovers*

Answer: D. H. **Lawrence**.

12. Colloids are dispersions on the dividing line between solutions and heterogeneous mixtures. FTPE, given a description of the colloid and an example, name the type of colloid.

1. Liquid in a gas, fog

Answer: **aerosol**

2. Liquid in a liquid, milk

Answer: **emulsion**

3. Solid in a solid, ruby

Answer: **solid sol**

13. FTPE, answer the following related questions:

1. He shared the 1973 Nobel Peace Prize with North Vietnam's Le Duc Tho for the agreement that pulled the U.S. out of the Vietnam War.

Answer: Henry **Kissinger**

2. Kissinger brokered a cease-fire to end the 1973 Arab-Israeli War via this type of diplomacy in which he flew back and forth between the various parties.

Answer: **shuttle** diplomacy

3. In 1960 Kissinger coined this term referring to a perceived inequality that led superpowers to stockpile nukes. It was spoofed by an analogous perception of an incipient inequality in mineshafts in "Dr. Strangelove".

Answer: **missile gap**

14. Many computer languages' names are acronyms. FTSNOP, expand the acronym.

1. (5) HTML

Answer: **Hyper Text Markup Language**.

2. (10) Perl

Answer: **Practical Extraction and Report Language**. (Accept **Pathologically Eclectic Rubbish Lister**)

3. (15) PHP

Answer: **PHP Hypertext Preprocessor** (Accept **Personal Home Page** tools)

15. Given a description of an island city, name it for 10 points; if you also need the nation, you'll only get 5 pts.:

(10) Built on 14 islands, this center of craft and design is a Scandinavian capital.

(5) Sweden

Answer: **Stockholm**

(10) An Adriatic lagoon, this city is unusual in that its canals make it possible to travel throughout it by boat.

(5) Italy

Answer: **Venice**

(10) Sjaelland and Amager are the two islands that make up this European capital.

(5) Denmark

Answer: **Copenhagen**

16. The constellation Orion, located on the celestial equator, is one of the most conspicuous and easily recognizable constellations in the entire sky. This is partly due to the presence of three of the sky's most visible stars. Scientifically known as Alpha Orionis, Gamma Orionis, and Beta Orionis, provide their common name, 10 pts. each.

Answer: **Betelgeuse, Bellatrix, Rigel**

17. Answer the following about Latin American Literature FTPE:

1. This term was first used by Cuban writer Alejo Carpentier in his *The Kingdom of this World*. It refers to literature that combines everyday life with wild aspects of the imagination such as myth and religion seen in such works as Garcia Marquez's *One Hundred Years of Solitude*.

Answer: **Magical Realism.**

2. A Chilean in the magical realist tradition, her novels include *The House of Spirits*, *The Infinite Plan* and *Eva Luna*.

Answer: **Isabel Allende.**

3. This Argentinean poet and short story writer is known for collections such as *Ficciones*, *The Aleph*, and *Brodie's Report*. The use of the labyrinth as a symbol for life is prevalent throughout his works.

Answer: **Jorge Luis Borges.**

18. Name these Michelangelo sculptures FTPE:

(a) His only signed piece, it features Mary holding the dead body of Jesus.

Answer: **Pieta**

(b) This sculpture's odd proportions come from the fact that it was meant to be viewed at a height from the ground. The figure is also oddly topped with horns.

Answer: **Moses**

(c) Now in the Louvre, this unfinished sculpture was meant to adorn the tomb of Julius II. The nude subject's left hand rests at the back of his head, making his elbow a 90 degree angle.

Answer: **The Dying Slave**

19. They presumably were not magical, but that's not what the term "Mughal" means in this context. Identify the Mughal ruler from clues FTPE.

1. A great-grandson of Tamerlane, in 1526 he defeated the last Delhi Sultan, Ibrahim Lodi at Panipat, creating his own Muslim Empire which he ruled over until his death four years later.

Answer: **Babur or Babar.**

2. Under this grandson of Babur who reigned from 1556-1605 the empire is acknowledged as reaching its political height. He pushed the borders both to the north and south and also created his own religion, Din-i-Iuhi, a mixture of Islam, Christianity and many others.

Answer: **Akbar.**

3. During this emperor's rule from 1627-1658 the empire reached its cultural height. He arranged for the building of the beautiful Old Delhi which bears his name as well as the Taj Mahal.

Answer: **Shah Jahan.**

20. What would a quiz bowl tournament be without a bonus about Pre-Socratic philosophers?. Name 'em FTPE.

1. Student of Thales and an important member of the Milesian school, he constructed an elaborate cosmology, a proto-concept of evolution and one of the first maps of the universe. He believed everything was formed from one basic material, apieron, or the boundless.

Answer: **Anaxamander.**

2. This Sophist was really a contemporary of Socrates and the subject of a Platonic dialogue. He argued that "Man was the measure of all things," and tried to instruct his students on how to "make the weak argument the stronger."

Answer: **Protagoras.**

3. This 5th century Greek proposed that there were four elements, earth, water, air, and fire, which were separated and pulled together by strife and love respectively.

Answer: **Empedocles.**

21. The army recently announced that all members would now be able to wear berets. Answer these questions FTPE.

A. What color headgear will its regular soldiers wear?

Answer: **Black**

B. What unit formerly wore black berets?

Answer: **Rangers**

C. What is the new color of berets for the Army Rangers?

Answer: **Tan**