

TOSSUPS

1. He rebuilt the Jama Masjid mosque, the Peacock Throne, and the Ravi Canal. He subjugated Ahmadnagar, Bijapur, and Goloconda but lost Kandahar. He suffered defeats at the hands of the Sikhs in the Punjab in 1628 and 1631, and was imprisoned by his son while on his deathbed in 1658. FTP, name this Mughal emperor and father of Aurangzeb who is probably best remembered for the edifice he built at Agra, the Taj Mahal.

Answer: _Shah Jahan_

2. This 1925 poem is composed of five sections and alludes to "such deliberate disguises" as a rat's coat and crowskin. The fifth section begins with a nursery rhyme about the "prickly pear" while the third alludes to "death's other kingdom". It is often interpreted as expressing its authors view of spiritual emptiness and contains the line "Mistah Kurtz- He dead. A penny for the Old Guy." FTP name this poem that ends with the lines "This is the way the world ends/ Not with a bang but a whimper" that was written by T.S. Eliot.

Answer: _The_Hollow Men_

3. People who have tried to imitate him include Frank Zander, Reniq, and Peter Orloff. Some of his albums include "Out of the Dark (Into the Light)" as well as "The Final Curtain". He was born Johan Honzel in 1957 and the www.stiffs.com entry for his 1998 demise says, "Don't turn around (oh OH oh), there's a bus coming you idiot." FTP, name this megachump from Austria who sang such songs as "Rock Me Amadeus" and "Der Kommissar".

Answer: _Falco_

4. A road named for this man extends from Ledo, Assam, to east Myanmar where it joins the Burma road. This native of Palatka, Florida graduated from West Point in 1904 and became a military attache to the U.S. Embassy in Peking in 1932. In 1941 he became the U.S. military representative in China and during the Burma counter-offensive he was the commander of U.S. forces in China. FTP, name this Chief of Staff to Chiang Kai Shek, considered to be the foremost military expert on China who was often nicknamed "Vinegar Joe".

Answer: _Joseph_Stilwell_

5. The simplest of these theories states that every boson has a corresponding fermion partner and vice versa. The boson partners have names beginning with s such as selectron and squark while the fermion partners of existing bosons end in "ino" such as gluino and photino. The infinities that cause problems in relativistic quantum field theories are less severe in these theories because the infinities of bosons and fermions can cancel each other out. The idea of strings with this may be the best approach to unifying the four fundamental interactions. FTP name these theories.

Answer: _supersymmetry_

6. This economist was born in New York City and graduated from Columbia. In 1962 he served on the Council of Economic Advisors in the Kennedy administration and his primary field is the study of collective choice based on uncertainty and risk. Some of his books include "The Future and Present in Economic Life" and "Social Choices and Individual Values". FTP, name this man, a longtime professor at Stanford, who shared the 1972 Nobel Prize with John Hicks.

Answer: Kenneth_Arrow_

7. This man was literally a franchise player. When Connie Mack tried to acquire this player from a minor league team, the owner's asking price was so high that Mack simply bought the entire team and sold off the other players. A career .320 hitter, he helped lead the Philadelphia A's to back-to-back World Series titles in 1929 and 1930. In 1934, as catcher-manager of the Detroit Tigers, he won the American League MVP, and the next year led the Tigers to their first ever world title. FTP, name this man, nicknamed "Black Mike", whose career was ended by a near-fatal beanball in 1937.

Answer: Mickey_Cochrane_

8. The heroine of this opera is based in Alphonsine Plessis. In the beginning, she is sitting at home when a young man comes by and professes his love for her. Later, when visiting his father, the heroine is convinced by the father not to marry the young man. The young man seeks her out at a party, but she lies and professes love for another, remembering her word to the man's father. Eventually when the man finds her on her deathbed they profess their love for one another. When first performed, it was a disaster as the critics laughed at a healthy girl playing a sick one. FTP, name this opera by Giuseppe Verdi based on Dumas' "Camille" which translates as "misguided girl".

Answer: _La Traviata_

9. Among them were Ulrich, Georg, Andreas, Anton, and Markus. Hans brought them to Augsburg in 1367 and twice married the daughters of the heads of textiles guilds. Jakob II, known as "The Rich", established his family in Innsbruck and was granted the countships of Weissenhorn and Kirchberg in 1507 by Emperor Maximilian I. In 1516 he made an ally of Henry VIII by granting him a loan, but perhaps his greatest move was financing the succession of Charles V to the emperor's throne. FTP, name this family of German bankers who flourished in the 15th and 16th centuries.

Answer: _Fuggers_

10. Reacting an alkoxide ion with an alkyl halide results in this type of compound and is known as the Williamson synthesis. An acid-catalyzed reaction of two alcohols will also yield this type of compound. One dangerous property of these compounds is that they form peroxides when reacted with oxygen. They have low boiling points because of a lack of hydrogen bonding, but the presence of an oxygen atom allows them to bond to water, giving them a high solubility in water. FTP, name these compounds which are marked by an oxygen atom singly bonded to two carbons.

Answer: _ethers_

11. Craig Ramsay. Rick Meagher (muh-HAR). Steve Kasper. Doug Jarvis. Troy Murray. Ron Francis. Sergei Federov, twice. Dirk Graham. Bobby Clarke. Guy Carbonneau, three times. FTP, name this National Hockey League trophy, awarded each year to the best defensive forward, which has been won the last two seasons by Jere Lehtinen, and was won a record four times by Bob Gainey.

Answer: Frank J. Selke Trophy

12. This battle featured armies numbering 90,000 and 100,000 which, at that time, had been unprecedented. One army, under Claude de Villars and Louis de Boufflers, threw up a series of palisades, abatis, and other entrenchments. The attacking army assaulted on both wings, but the Dutch were repelled. However, Eugene of Savoy was able to push back the right side of the French defense and a force of 30,000 cavalymen collapsed the center, forcing a French retreat. FTP, name this battle fought in 1709 in the War of Spanish Succession that was even more bloody than Blenheim.

Answer: Malplaquet

13. This play opened in New York City in 1991 with Kevin Spacey playing Louie, a mob henchman. Louie's siblings are Eddie, who has no self esteem, Gert, who has a major speech impediment, and Bella, who is mildly retarded. The two main characters are Jay and Arty though who have been left by their father Eddie with their grandmother and the play deals with their adaptation to their grandmother. FTP, name this Pulitzer-prize winning play by Neil Simon.

Answer: Lost in Yonkers

14. His most ambitious scheme was the establishment of provincial assemblies, one whose functions should be the apportionment of taxes. However, this scheme was a disaster and his retrenchments were hateful to the Queen. His famous 1781 "Compte Rendu" caused him to get canned and he retired to Geneva. However, he was recalled in 1788 when he recommended that summoning of the Estates General. FTP name this father of Madame de Staël, a politician and financier whose dismissal sparked the public outcry that ultimately led to the storming of the Bastille.

Answer: Jacques Necker

15. he came to power in 1969 in a bloodless coup, but he has long had a reputation as a sponsor of the most brutal terrorists. His ties to terrorists have forced sanctions on his nation. He was also an opponent of apartheid in South Africa, and receive a visit from Nelson Mandela, over the protests of the United States. FTP name this Arab leader, who recently released the prototype to what he claims is the safest car in the world, and who had his home bombed by the US in 1986, and whose nation harbored those accused of the bombing of PAN AM 103.

Answer: Mommar Gadhafi

16. He was the first to demonstrate that air had weight, and developed an early theory of evolution. His thoughts reflect the Ionian and Eleatic traditions, but only two of his poems survive in fragments. The first describes a cosmic cycle in which Earth, Air, Fire and Water combine under love and strife while his other poem describes the Fall of Man, along with the transmigration and redemption of souls. FTP, name this 5th century dumbass, author of "On Nature" and "Purifications", who supposedly jumped into Mt. Etna to support his prediction he would one day be taken up to heaven by the gods.

Answer: Empedocles

17. Its highest point is Mount Orohena, and if you flew to this island in the South Pacific, you would probably land at Faaa (NOT a misspelling) International Airport. Once on the ground you could visit a monument to Captain Cook at Venus Point, or sail about 10 miles west to the island of Moorea. FTP, name this island whose administrative capital is Papeete.

Answer: Tahiti

18. He produced a report on Santa Fe which was influential in encouraging expansion into lands which would eventually become New Mexico and Western Texas, and he served as a brigadier general in the War of 1812 during which he was fatally wounded during the attack on York in Canada. FTP, name this man who is best known for exploring the Arkansas and Red river systems as well as a mountain near Colorado Springs, Colorado which now bears his name.

Answer: Zebulon Pike

19. This act was upheld in the 1947 Supreme Court case of United Public Workers v. Mitchell by a 4-3 vote. Several members of executive agencies sought a declaratory judgment of this act and, in dissent, Hugo Black bitterly attacked it as depriving several million people of their rights to freedom of speech and political participation. Passed in 1939 and amended in 1940, this is, FTP, what act that made it unlawful for any employee who is paid by the government to join an organization advocating the overthrow of the constitutional government?

Answer: Hatch Act

20. J.D. Barrow and F.J. Tipler adopt this term for a final state of the universe in which life-forms have engulfed absolutely everything. ~~In transfinite mathematics, it denotes the smallest infinite ordinal.~~ Teilhard deChardin (TAIL-hard DAY-shar-DAN) uses it to signify the end-point in history. FTP, identify this term and letter used to symbolically represent the omniscience of God in the book of Revelation, the last letter in the Greek alphabet.

Answer: Omega

1999 Deep Bench

Quad Packet by Illinois

Bonuses

1. Since this Deep Bench is dedicated to dead people, what would it be without kicking some celebs while they're down for good? For five points each, given a blurb from www.stiffs.com or The Onion about a celebrity who died in 1999, Identify the celeb:

A. This legendary stripper starred in 1958's "The Naked and the Dead". She just switched roles.

Answer: Lili_St. Cyr_

B. Cancer finally made his heart stopadopolous.

Answer: Georgios_Papadopolous_

C. As recently as a week before he died, this man's baseball son was urging his father to "walk it off."

Answer: Cal_Ripken Sr._

D. Or: How I Learned To Stop Boring Everybody To Tears And Just Drop Dead.

Answer: Stanley_Kubrick_

E. His 30,763-day breathing streak is over.

Answer: Joe_DiMaggio_

F. Ebert victorious!

Answer: Gene_Siskel_

2. Name these eponymous things from molecular biology FTPE:

A. These are the units used in a genetic map. They were named by Sturtevant in honor of his teacher, a pioneer in genetics through his study of the fruit fly.

Answer: _centimorgans_ (accept_morgans_)

B. These are short segments of DNA produced by the discontinuous replication elongating in the 5 prime to 3 prime direction away from the replication fork.

Answer: _Okazaki_ fragments

C. This sequence, abbreviated S-D, is an upstream indicator in prokaryotes that tells the DNA polymerase where to begin replication.

Answer: _Shine-Dalgarno_
sequence

3. Identify these literary architects FTPE:

A. "The Fountainhead" tells of the struggles of this genius architect, supposedly based on Frank Lloyd Wright.

Answer: Howard_Roark_

B. This is the master builder in Ibsen's "Master Builder".

Answer: Halvard_Solness_

C. This architect is both the rival and friend of Billy Brown in "The Great God Brown".

Answer: Dion_Anthony_

4. There was a time when rivers used to be filled with things other than mob informants. Name these European rivers which were the sites of battles in WWI 15-5:

A. (15) This river was the site of two battles in WWI: one in 1914, the other in 1918. The one in 1914 involved a rush by the First German Army under Kluck.

 (5) The French army responded by cutting off the Second and Third German Armies. French reinforcements were brought from Paris via taxicab.

Answer: _Marne_

B. (15) This river was also the site of 2 battles, in 1916 and 1918. The one in 1916 was a combined assault by French and British troops under Ferdinand Foch.

 (5) The battle raged over 10 weeks and on July 1, the British suffered 57,000 casualties, the most ever suffered by a British army in one day.

Answer: _Somme_

5. Name these works by Diego Velazquez from descriptions F15PE:

A. Among the figures in this 1656 work are the Infanta, a couple of dwarfs kicking a dog, and the painter himself, emblazoned with a symbol showing his knighthood. He was knighted long after the painting was completed, and went back and put the symbol in the painting.

Answer: _Las Meninas_ or The_Maids of Honor_

B. This 1635 masterpiece shows the capitulation of the Dutch to the Duke of Alba. It is remarkable for the mass of lances being held upwards and for its representation of gentlemanly conduct.

Answer: _Surrender at Breda_ (accept: The_Lances_)

6. Literature and popular culture seem to go well together. Ok, not really, but name these common names from a literary clue for 10 or from pop culture clues for 5. The names may differ by a letter or two, but who's counting?

A.(10): This African-American author is best known for "AM/Trak" and "Dutchman".

(5): It is also the name for a really freaky-looking dude from the Mortal Kombat video games. He looks like an alien and sports razors on his arms that he uses to slice people with.

Answer: Amiri_Baraka_ (prompt on LeRoi Jones)

B. (10): This is the young heiress and main character in "The Philadelphia Story".

(5): This charming young lady was also the "star" of such films as "Not of This Earth", "Red Hot Rock", and "Traci, I Love You".

Answer: Tracy/i_Lord_ or_Lords_

C. (10): He is an old bargemaster who fears "dat old sea devil" who picks a fight with Mat Burke after Mat has a falling out with this man's daughter.

(5): "It was 1993 and he was riding high" after having starred in such movies as "Pair of Aces", "Another Pair of Aces", "Cheatin' Hearts" and "A Star is Born".

Answer: _Chris Christopherson_ or _Kris Kristofferson_ (pronounced the same almost)

7. Answer these question about the geography of India FTPE:

A. This desert, also known as the Great Indian Desert, is a sandy region of northwest India and southeast Pakistan between the Indus and Sutlej river valleys.

Answer: _Thar_ desert

B. This is the name given to a plateau of south-central India between the Eastern Ghats and Western Ghats. It is also used to name the entire Indian peninsula south of the Narmada River.

Answer: _Deccan_

C. This city, the capital of Tamil Nadu State in southern India, is India's fourth largest. It is situated in the northeastern corner of the state on the Coromandel Coast of the Bay of Bengal.

Answer: _Madras_

8. Answer these questions about superconductivity FTSNOP:

A. (10): In 1956 it was showed that in superconductivity, the current was carried by these.

Answer: _Cooper pairs_

B. Superconductivity was explained via the BCS theory, named for its three founders; L.N. Cooper was one of these people, for 5 points each,, name the other two.

Answer: John_Bardeen_and J.R._Schrieffer_

C. (10): Superconductivity was first discovered in this element in 1911.

Answer: _mercury_

9. Answer these questions about the Krebs cycle FTSNOP:

A. (5): The Krebs cycle is usually called by this name by biochemists. The name derives from the first compound created in the process.

Answer: _citric acid_cycle (accept: _citrate_ cycle)

B. (15): Pyruvate from glycolysis is turned into this compound which is the first compound to enter into the citric acid cycle.

Answer: _acetyl coenzyme A_ or _acetyl CoA_

C. (10): The conversion of succinyl-Co-A to succinate results in the formation of this energy rich compound.

Answer: _A_denosine_T_ri_P_hosphate

10. Answer the following questions about a certain political movement FTPE:

A. This movement derived its name from the pen name taken by its founder while he was writing in prison. It was composed of the extreme radical left wing of the Social Democratic Party in Germany and violently opposed WWI. It also led an uprising in 1918.

Answer: _Spartacist_ or _Spartacus League_

B. This is the man who wrote under the pen name Spartacus. He was the only member of the Reichstag to oppose WWI and was shot on his way to prison after a Spartacist uprising in 1919.

Answer: Karl_Liebknecht_

C. This woman, along with Liebknecht, helped to found the movement. She espoused revolutionary mass action and was shot in 1919 as well.

Answer: Rosa_Luxemburg_

11. Identify these people from "Inferno" FTSNOP:

A. (5 each): There two lovers are the wife and brother of Giancotto.

Answer: _Paolo_ and _Francesca_ da Ramini

B. (5 each): This count, as well as two of his sons and grandsons, were starved to death in prison. Name that man and the archbishop who caused him to starve to death, both of whom are found in the penultimate canto.

Answer: Count _Ugolino_ della Gherardesca and Archbishop _Ruggieri_ degli Ubaldini

C. (10) This man is in the black mouth of Dis, which is on the face on the left.

Answer: _Brutus_

12. Who could forget those classic Godzilla movies? Name these opponents of that overgrown lizard FTSNOP:

A. (5): This was among the earliest of Godzilla's opponents. In one scene toward the end, Godzilla is forced to battle giant twin caterpillars spawned by this creature.

Answer: _Mothra_

B. (5): An enemy from space builds this monstrosity which he uses to try to take over the world in a 1975 film.

Answer: _Mechagodzilla_

C. (10): In a 1966 film, Godzilla must take on this gigantic rotten-looking crab thing.

Answer: _Sea Monster_

D. (10): Perhaps the most amusing of all of Godzilla's opponents is this....thing. It is best described as an amorphous, pollution belching monstrosity spawned by the excesses of industrial waste.

Answer: _Smog Monster_

13. History was made at the 1999 U.S. Open. FTPE:

A. Who broke Goran Ivanisevich's record for most aces in a match in any main-draw tournament?

Answer: Richard _Krajicek_

B. How many aces did Krajicek serve up?

Answer: _48_

C. Krajicek's ace-fest was in a losing effort to Yevgeny Kafelnikov. Incidentally, Ivansivich's 46 was also in a losing effort at Wimbledon in 1997. Whom did Ivo lost to?

Answer: Magnus _Norman_

14. For five points each, name any 6 of the 7 nations that the Arctic Circle passes through?

Answer: United States, Canada, Denmark (accept Greenland or Kallalit Nunaat) , Norway, Sweden, Finland, Russia

15. For 10 points each answer these related questions

A. This is the name given to two relatively small irregular galaxies that are close neighbors of our galaxy. They are only visible from the Southern Hemisphere and they were first recorded in 1519.

Answer: _Magellanic Clouds_

B. The Magellanic Clouds are enveloped in a common cloud of a cool, neutral form of this element.

Answer: _hydrogen_

C. If the Galaxy has a massive one of these, then the Magellanic Clouds are bound as satellites and have probably made several close approaches. One of these would be a region around our Galaxy that contains matter that is undetectable except by its gravitational effects.

Answer: _Dark halo_

16. Before there were crackpot monks, there was early Russia. FTPE:

A. This was the name given to the period between 1598 and 1613 that was marked by droughts, famines, plagues, anarchy, and a whole lot of killing.

Answer: _Time of Troubles_

B. This Slavic state arose in 878 and lasted until 1240. It included the cities of Smolensk and Novgorod and for a period was the largest and most populous state in Europe.

Answer: _Kievan Rus_

C. This Norse chieftain was sent in 862 to Russia where he founded the first dynasty. His relative Oleg took over his domain upon his death in 879.

Answer: _Rurik_

17. Name the Gogol works, for 10 points each:

A. This work concerns Chichikov and his wacky scheme to buy up all the serfs who have died since the last census was taken.

Answer: Dead Souls

B. The title character of this novella is a Cossack who joins in the fight against the Poles. He kills his traitorous son Andri but he and his other son Ostap are both captured and tortured to death.

Answer: Taras Bulba

C. The title object in this story is bragged about at a party of military men by Phythagoras Phythagorasovich who invites the soldiers to a party to see it. When they come, he isn't ready and hides in it rather than show his face to them. They find him in it and say "Oh, there you are" and go away.

Answer: The Carriage

18. Identify these things related to Thomas Eakins FTPE:

A. This work, Eakins' most famous, depicts a member of the staff at the Jefferson Medical College. The College, who had commissioned it, rejected it and it was instead displayed at an Army hospital.

Answer: The Gross Clinic

B. This Eakins work shows one of Eakins' heroes. It depicts a sculptor creating a sculpture based on a nude woman who stands in the center of the painting. Off to the right sits a chaperone knitting.

Answer: William Rush Carving His Allegorical Figure of the Schuylkill River

C. Eakins drew the inspiration for his exposure photograph series "Pole Vaulter" on this Englishman's similar wet-plate photography of a horse running entitled "Sally Gardner Running at a 1:40 Gait, June, 1878".

Answer: Eadward Muybridge

19. Answer these questions related to that movement infinitely cooler than the hippies, the Beat Generation FTPE:

A. In 1953, Lawrence Ferlinghetti opened this bookshop in San Francisco.

Answer: City Lights Bookstore

B. Perhaps Ferlinghetti's best-known collection of verse, this volume was published in 1958 and contains the notable verse "Autobiography".

Answer: A Coney Island of the Mind

C. This man, portrayed as Japhy Ryder in Kerouac's "Dharma Bums", was awarded the Pulitzer Prize for poetry in 1974 for his "Turtle Island".

Answer: Gary Snyder

20. New Deal stuff, 10 each.

A. This act, the first to be passed, was designed to pay farmers for accepting government controls and to cut down on crop surpluses.

Answer: _A_gricultural_A_djustment_A_ct

B. This act, passed in 1933 and also known as the Banking Act, gave the Federal Reserve Board control over interest rates and loans and limits mergers between banks and investment houses.

Answer: _Glass-Steagall_Act

C. This man played many important roles in FDR's government: he headed the WPA from 1935 to 1938, served as Secretary of Commerce from 1938-1940, and was the supervisor of the Lend-Lease program in 1941.

Answer: Harry_Hopkins_