

1. Don de Lillo's novel *Libra* is largely a sympathetic portrait of this man, whose infant daughter June once became sick and had to be taken to Parkland Memorial Hospital! His "revolutionary resume" listed as the most important activities of his short life: "Radio Speaker and Lecturer," "Street Agitator," "Photographer," "Defector," and "Resident of U.S.S.R." FTP name this man who was shot at close range while under police custody, the presumed assassin of John Fitzgerald Kennedy.

Answer: Lee Harvey **Oswald**

2. Mostly nocturnal, they include the avahi, sifaka and aye-aye, which have forward-directed lower front teeth and a claw on the second toe of the foot. Fossils of them are found in North America and Europe, though they remain in force only on the one island on which they haven't faced much natural competition. FTP what are these are somewhat primitive primates whose species include the dwarf, mouse, and ring-tailed, many of which still thrive in Madagascar?

Answer: **lemurs**

3. The opening poem in the collection *Mountain Interval*, its author later said it was intended as a parody of the poems of his friend Edward Thomas. Written in iambic tetrameter, each of its four stanzas uses an *abaab* rhyming scheme. Its last line is "And that has made all the difference"; its first line is "Two roads diverged in a yellow wood." FTP name this poem by Robert Frost.

Answer: **The Road Not Taken**

4. He was occasionally depicted as a baboon. Sometimes his more familiar image was shown holding the heart and tongue of Ra, symbolizing his control over Ra's intellect. He was also a scribe and messenger for the gods; hence the Greeks identified him with Hermes and called him Hermes Trismegistus. FTP name the Egyptian god usually shown as a human with the head of an ibis, inventor of hieroglyphics and god of wisdom.

Answer: **Thoth**

5. He was unsuccessfully nominated for an Oscar for his score for the 1961 film *Paris Blues*. In 1965 the Pulitzer board turned down the recommendation that he receive the award, but they did vote him a special award posthumously in 1969. Often in collaboration with Billy Strayhorn, he composed and recorded such classics as "In a Sentimental Mood," "Take the A Train," "Sophisticated Lady," and "It Don't Mean a Thing If It Ain't Got That Swing." FTP name the famed jazz composer and bandleader whose signature song was "Mood Indigo."

Answer: Edward Kennedy "Duke" **Ellington**

6. A veteran of Arizona's Lincoln County War, legend has it he was shot in a darkened room after asking, "Quien es?" After the murder of his mentor, John Tunstall, he vowed revenge, killing at least 11 men, including Buckshot Roberts. Born Henry McCarty, FTP who is this famous outlaw who was shot by Sheriff Pat Garrett?

Answer: **Billy the Kid** (acc. William Bonney)

7. His 1960 *New Yorker* essay, "Baseball's Best Year: A Season of Faith's Perfection" is one of his few publications, though not as famous as his Pulitzer-winning novel *Avalon Landing*. Shortly after losing his brother, and parents in a 5 month period, he became a recluse in his Bronx neighborhood where he is known as the 'Window'. Be prepared for his next novel *Sunset*, with foreword by Jamal Wallace. FTP name this fictional writer and title character of a 2000 Gus Van Sant movie.

Answer: William **Forrester**

8. It is equal to two times the mass times the cross product of the velocity and the angular velocity of the reference frame. A controlling factor in the rotation of sunspots, it helps explain why railroad tracks wear out faster on one side than on the other. It is most apparent for an object moving longitudinally. Foucault used the action of this force to prove the rotation of the earth, but it is actually too weak to determine the direction water drains in a typical sink. FTP name this fictitious force which deflects objects to the right in the northern hemisphere.

Answer: **Coriolis** force or effect

9. Much of the action of this story concerns the journey of the title figure, who encounters on his way Deacon Gookin and a pious woman named Cloyse who had taught him the catechism. A man with a striking resemblance to the protagonist urges him to travel deeper into the forest, but the sight of the pink ribbons of his wife Faith drives him mad with despair. FTP, what is this short story about a witness to a satanic ritual written by Nathanael Hawthorne?

Answer: **Young Goodman Brown**

10. Acquired by Henry VIII from the monks of Westminster Abby, it covers 630 acres and has a perimeter of four miles. The marble arch and Queen Mother's gate offer entrance from the east, while Kensington Palace sits at its west end. Rotten Row is a popular horse path, and Serpentine Lake offers boating. Your genial quizmaster once found himself in a softball game there, where he'd expected to find cricket. FTP, Speaker's Corner is the best known spot in what huge park inside London?

Answer: **Hyde Park**

11. One of this leader's favorite councillors, David Rizzio, was murdered by her second husband, Henry, Lord Darnley, who in turn was killed in a plot led by the earl of Bothwell, with whom this woman was implicated by the "casket letters". Forced to marry Bothwell, she was soon imprisoned and implicated in Babington's conspiracy, which sought to place her on the throne in favor of Elizabeth I. FTP, who was this mother of James I best known as queen of the Scots?

Answer: **Mary, Queen of Scots or Mary Stuart**

12. In 1916, this U.S. physicist verified that the energy of emitted electrons varied directly with the frequency of incident light, thereby proving Einstein's theory of the photoelectric effect. FTP, name this Nobel laureate who constructed an oil drop apparatus which allowed him to determine that  $1.602 \times 10^{-19}$  coulombs is the electric charge of a single electron.

Answer: **Robert Andrew Millikan**

13. Cecily Cardew, the ward of Jack Worthing, is being wooed by her guardian's friend Algernon Moncrief. Meanwhile, Jack is in love with Algernon's cousin Gwendolen Fairfax. Gwendolen and Cecily both think their suitor to be the same person, a fictitious rakish brother Jack invented to give him an excuse to visit London whenever he wished. FTP name this satire of social hypocrisy, first performed in 1895 and considered the masterpiece of Oscar Wilde.

Answer: **The Importance of Being Earnest**

14. Pencil and paper ready. You have 10 seconds. FTP, what is the limit as  $x$  approaches 2 of quantity  $x$  squared minus 4 divided by quantity  $x$  minus 2?

Answer: **4**

15. He did illustrations for a version of the Bible and an edition of Gogol's *Dead Souls* and designed the sets for the premiere of Stravinsky's *The Firebird*. He was particularly fond of flower and animal symbols but is more associated with works inspired by his Russian Jewish childhood. FTP name this artist of "Self-Portrait with Seven Fingers," "The Rabbi of Vitebsk," and "I and the Village."

Answer: **Marc Chagall**

16. Kenneth Pike developed the concept of Emics in 1954 to combat this anthropological tendency; in Emics, a group views its own cultural categories and values. It is often contrasted with cultural relativism, which is the idea that all cultures display their own inherent uniqueness and logic, which may not be fully appreciated by outsiders. FTP what is this bias in anthropology in which outsiders judge a culture based on their own norms and values?

Answer: **ethnocentrism**

17. In this novel, the last of the line is killed by ants, while the first dies tied to a tree. The gypsy Melquiades brings such wonders as magnets, ice, and flying carpets to the village of twenty adobe houses, fascinating Jose Arcadio. Six generations of descendants of Ursula and Jose Arcadio Buendia also appear in this novel, set in the town of Macondo. FTP, name this 1967 novel by Gabriel Garcia-Marquez.

Answer: **One Hundred Years of Solitude (or Cien Años de Soledad)**

18. A radioactive isotope of this element with atomic weight 90 is present in nuclear fallout, from which it can be absorbed into milk and bones. Since this element reacts vigorously in water and quickly tarnishes in air, it must be stored out of contact with air and water. The physical and chemical properties of this alkaline-earth metal resemble those of calcium and barium. FTP identify this element, number 38 on the periodic table, which has chemical symbol Sr.

Answer: **Strontium**

19. Born in 1902, in 1964 he was banished to Turkey for denouncing his country's leader for suggesting women be allowed to vote. Later he was allowed to re-settle in Iraq, but Saddam Hussein banished him for fomenting Shi'ite unrest there in 1975. He led opposition to Reza Pahlavi from Paris until 1979, when student demonstrations deposed the Shah. FTP name this Muslim cleric who ruled Iran until his death in 1989.

Answer: Ayatollah Ruhollah **Khomeini**

20. For the three weeks surrounding Christmas 2000, he had the number one single on BBC radio, holding his own against Eminem and Westlife. His next single, released in September of this year, was a cover of "Mambo #5" which altered the lyrics. Concerns arose when he appeared in Japan in 2000 as his four fingered hands seemed to suggest he was part of the Japanese Mafia. In actuality, he is a very friendly chap, as his friends Roly, Dizzy, Muck and Lofty, as well as Farmer Pickles and Wendy, could tell you. FTP, name this British construction worker beloved by children worldwide.

Answer: **Bob the Builder**

21. The word was coined by Ernst Haeckel, and the subject is sometimes called scientific natural history. Experts may focus on limnology, or study autotrophs and heterotrophs, but they will certainly classify organisms according to their adaptation to, and function within a biological system. FTP give the term for the scientific study of the interrelationships of plants, animals, and the environment.

Answer: **ecology**

22. The story is told in Exodus 3:2, and it eventually became a symbol of the Presbyterian church. Found on Mount Horeb, the revelation that the Children of Israel were to be delivered from the oppression of the Egyptians and brought into the land of Canaan was given to Moses through it. FTP, what was this conduit for the voice of God which was not consumed by fire?

Answer: **burning bush**

23. This sort works in order- $n^2$  time, which isn't that bad, considering that its four lines long (not counting the swap). It's four lines are two for loops, one which runs through the array to be sorted and one which runs through just the unsorted part, looking for the extreme in the unsorted fields. There is an if statement to compare the items of the two for loops, and if the if statement is true, the two items are swapped. FTP, give the name of this sort, the most basic sort in computer science.

Answer: **bubble sort**

1. Are they nations or aren't they? Right now your genial quizmaster has a list of 192 full-fledged, generally recognized nations, but these aren't among them. Name them from clues FTPE:
  - a) The most prominent of several smaller units still seeking independence from Russia is this republic with its capital at Grozny. As of April 5 the official website of its rebel government is, quote, "temporarily down", unquote.  
 Answer: **Chechnya** (or Chechen Republic or Chechen-Ingush)
  - b) After a 1999 agreement between rebels here, Indonesia, and Portugal, this region is under UN transitional administration with no set timetable for independence. One of the few points of agreement is that Dili is its capital.  
 Answer: **East Timor** or Timor Lorosa'e
  - c) When the Spanish gave up this former colony in 1958, both Morocco and Mauritania claimed it, and Morocco still does despite a 1991 agreement with rebels to hold a referendum that's still pending due to squabbles over voter eligibility. It doesn't even have a capital, but its largest city is El-Aaiun (or La'youne).  
 Answer: **Western Sahara** (or Sahrawi Arab Democratic Republic)
2. Those nasty little spiral-shaped bacteria, the spirochete, can cause lots of problems. Name these diseases FTPE:
  - a) Transmitted via tick bite, this disease named for a Connecticut town where it was first identified begins with a red rash, fever, and aches. Untreated, it can lead to arthritis, nerve damage, and kidney problems.  
 Answer: **Lyme disease**
  - b) Schaudinn and Hoffman identified the spirochete *Treponema pallidum* as the cause of this venereal disease, which after initially causing painful sores goes into a latent phase where it can silently cause severe, even fatal nerve damage.  
 Answer: **sypilis**
  - c) Properly termed Vincent's infection, this ulcerative membranous infection of the gums and mouth is associated with both a fusiform bacillus and a spirochete. It got its common name because it was once widely spread among soldiers in the field.  
 Answer: **trench mouth**
3. MTV2 has become the outlet for current music that will never see the light of TRL. Given songs from its new "Handpicked" album, identify the artist who performed it, for the stated number of points.
  - a. (5) Babylon  
 Answer: **David Gray**
  - b. (5) Yellow  
 Answer: **Coldplay**
  - c. (10) Life on a Chain  
 Answer: **Pete Yorn**
  - d. (10) "Shinobi vs. Dragon Ninja"  
 Answer: **Lost Prophets**
4. FTPE name the philosophers most associated with these catchphrases:
  - a) "The life of man..." [in a state of nature is] "... nasty, brutish, and short."  
 Answer: **Thomas Hobbes**
  - b) "If God did not exist, it would be necessary to invent Him."  
 Answer: **Voltaire** (or Francois-Marie Arouet for the showoffs among you)
  - c) "Liberty consists in doing what one desires."  
 Answer: **John Stuart Mill**
5. FTPE name these African-American women authors:
  - a) This author of *Meridian* and *The Temple of My Familiar* won a Pulitzer Prize in 1983 for *The Color Purple*.  
 Answer: **Alice Walker**
  - b) Winner of the 1993 Nobel for Literature, her works include *Sula*, *The Bluest Eye*, and the 1987 Pulitzer-winning *Beloved*.  
 Answer: **Toni Morrison** (or Chloe Anthony Wofford if you want to show off)
  - c) Noted for her encouragement of other African-American women authors, her works include *Linden Hills* and *The Women of Brewster Place*.  
 Answer: **Gloria Naylor**



6. FTPE, what conic section is defined as:

- a. The set of points in a plane the sum of whose distances from two fixed points is constant?

Answer: **ellipse**

- b. The set of points in a plane equidistant from a fixed point and a fixed line?

Answer: **parabola**

- c. The set of points in a plane the difference of whose distances from two fixed points is constant?

Answer: **hyperbola**

7. On a 10-5 basis, name the Italian painters of the following works:

- a) 10 pts.: *Ginerva di Benci* and *The Virgin of the Rocks*

5 pts.: *The Last Supper*

Answer: **Leonardo da Vinci** (accept either Leonardo or da Vinci)

- b) 10 pts.: *Madonna of the Magnificat*

5 pts.: *Birth of Venus* and *Primavera*

Answer: **Sandro Botticelli**

- c) 10 pts.: *Madonna of the Goldfinch*, *The Sistine Madonna*

5 pts.: *The School of Athens*

Answer: **Raphael**

8. Identify these important African-American pioneers FTPE.

- a) The first African-American Nobel laureate, he won a Peace prize for negotiating the 1949 Israeli-Palestinian armistice.

Answer: **Ralph Bunche**

- b) Overshadowed by longtime colleague Martin Luther King Jr., this *other* minister from Montgomery cofounded and eventually headed the Southern Christian Leadership Conference.

Answer: **Ralph Abernathy**

- c) One of King and Abernathy's top lieutenants in the SCLC, this man eventually became a Congressman from Georgia, Mayor of Atlanta, and US Ambassador to the UN.

Answer: **Andrew Young**

9. F15PE, name these Canterbury Tales from descriptions.

1. (15 points) This tale describes an incident from the legend of Reynard the Fox in which the fox Don Russell is tricked into revealing his location to hunters by the crafty rooster Chauntecleer.

Answer: the **Nun's Priest Tale**

2. (15 points) In this lewd tale the scholar Nicholas desires Alison, and convinces her husband John that a flood is coming to distract him. There plans go awry when the foppish clerk Absolon comes to woo Alison as well, leading to hilarious complications involving red hot poker and plummeting bathtubs.

Answer: the **Miller's Tale**

10. For 10 points each, name these laws of physics:

1. A simpler form of the Biot-Savart law, it uses high symmetry to state that the line integral of a magnetic field with respect to surface area is equal to the enclosed charge.

Answer: **Ampere's Law**

2. This law named for a German mathematician states that the surface integral of electric field of a symmetric object is equal to its enclosed charge.

Answer: **Gauss' Law**

3. Derived by a Scottish physicist, this law quantifies the induced electric field produced by a changing magnetic field.

Answer: **Faraday's Law**

11. Identify these barely related people and things FTPE.

This legendary king of Athens threw himself into the sea when he saw the black sail mistakenly left up on the boat of his son Theseus.

Answer: **Aegeus**

Homer said this shield was made by Hephaestus for Zeus from goatskin and thunder.

Answer: **aegis**

This god of the winds kept the winds imprisoned in islands named for himself.

Answer: **Aeolus**

12. Been looking at colleges yet? F5PE name the states with the principal state university located in the following cities:

a) Eugene

Answer: **Oregon**

b) Bloomington

Answer: **Indiana**

c) Laramie

Answer: **Wyoming**

d) Oxford

Answer: **Mississippi**

e) Orono

Answer: **Maine**

f) State College

Answer: **Pennsylvania**

13. Answer the following related questions FTSNOP:

a) (10 pts.) These are defined as different molecular forms of an element in the same physical state. Carbon exhibits at least four of them.

Answer: **allotropes**

Among the allotropes of carbon are the following. Name them F5PE with another 5 points for all 3 correct:

b) What name do we give the 3-D crystal allotrope of carbon?

Answer: **diamond**

c) Which allotrope of carbon forms 2-D sheets?

Answer: **graphite**

d) Which allotrope of carbon forms 60 atom molecules in a hollow 3-dimensional geodesic structure?

Answer: **buckminsterfullerene** (accept fullerenes or buckyballs)

14. 2001 featured one of the most exciting World Series ever, especially for those of us who hate the Yankees. Answer the following FTSNOP:

a) 10 pts.: This Arizona Diamondbacks outfielder capped a ninth inning rally with the game-winning hit.

Answer: Luis **Gonzalez**

b) 10 pts.: Gonzalez got the hit off this Yankees reliever who had previously been invincible in postseason play.

Answer: Mariano **Rivera**

c) Two Diamondbacks starting pitchers shared series MVP honors. Name them for 5 pts. each.

Answer: Curt **Schilling** and Randy **Johnson**

15. Given monarchs from a ruling house or dynasty of Great Britain, name it on a 10-5 basis:

a) 10 pts.: Edward VI and Mary I

5 pts.: Henry VIII and Elizabeth I

Answer: **Tudor** [grudgingly accept Tudor-Stuart, but do not accept or prompt on just Stuart]

b) 10 pts.: William IV and Victoria

5 pts.: George I, II, III, and IV

Answer: **Hanover**

c) 10 pts.: Edward I, II, and III

5 pts.: Richard I, John, and Henry II

Answer: **Plantagenet**

16. Name these British authors from works on a 10-5 basis:

a) 10 pts.: *Free Fall* and *Rite of Passage*

5 pts.: *Lord of the Flies*

Answer: William **Golding**

b) 10 pts.: *The Light That Failed*, *Tales from the Hills*, and *Barrack-Room Ballads*

5 pts.: *Kim* and *Captains Courageous*

Answer: Rudyard **Kipling**

c) 10 pts.: *The Rainbow* and *Women in Love*

5 pts.: *Sons and Lovers* and *Lady Chatterley's Lover*

Answer: D.(avid) H.(erbert) **Lawrence**

17. Identify the following polymers FTPE:
- a) A long chain polymer consisting of repeat units of beta glucose, this polysaccharide forms wood and cotton fibers.  
Answer: **cellulose**
  - b) Another natural polysaccharide formed from units of glucose, this polymer is commonly found in arthropod exoskeletons.  
Answer: **chitin**
  - c) The first synthetic polymer, it was developed by DuPont chemist Wallace Carothers. It consists of polyamides.  
Answer: **nylon**
18. FTPE name these Italian-inspired terms for music techniques from definitions:
- a) The technique of playing the notes of a chord successively rather than simultaneously  
Answer: **arpeggio**
  - b) The execution of rapid scales by sliding the finger(s) rapidly across strings or especially keys  
Answer: **glissando**
  - c) For violins and other bowed instruments, an instruction that the string is to be plucked with the finger instead  
Answer: **pizzicato**
19. 30-20-10, name the U.S. President.
- (30) His VP was Daniel Tompkins, and he was minister to France from 1794-96.
- (20) A Boston newspaper was the first to declare the time of his presidency as "The Era of Good Feelings."
- (10) This fifth president's Secretary of State was John Quincy Adams.
- Answer: **James Monroe**
20. FTPE name these major figures in the history of Asian literature:
- a) The 1st Asian and only Indian to win a Nobel in Literature, his works include *King of the Dark Chamber* and *Gitanjali*.  
Answer: **Rabindranath Tagore**
  - b) Considered the first novelist, this Japanese woman wrote the 11<sup>th</sup> century classic *The Tale of the Genji*.  
Answer: **Lady Murasaki (Shikibu)**
  - c) Better known in his day as a mathematician, this Persian's poetry collection, the *Rubaiyat* became famous centuries later in the West thanks to a very lyrical translation by Edward Fitzgerald.  
Answer: **Omar Khayyam**
21. Name the psychologist from a term or terms s/he coined FTPE.
- a) Synchronicity  
Answer: **Carl Jung**
  - b) Inferiority complex  
Answer: **Alfred Adler**
  - c) Object relations  
Answer: **Melanie Klein**