

1. Begun in 1817, this artificial waterway used the Mohawk Valley gap in the Adirondacks to link Albany and Buffalo. FTP, name this constituent of the New York State Barge Canal, linking the Hudson River and Great Lakes.

ANSWER: Erie Canal (prompt on "New York State Barge Canal" on early buzz)

2. At one time, it was called Shawmut, meaning "living fountain". Later, it was called Trimountain. In 1643, colonial representatives met here to form the United Colonies of New England. FTP, name this city, site of the Old North Church and Faneuil (FAN-yoo-ull) Hall.

ANSWER: Boston, Massachusetts

3. Around 3100 B.C., Narmer, or Menes, realized that founding this capital would unify the lower and upper halves of his realm. FTP, name this first capital of Egypt, a city that shares its name with a city in Tennessee.

ANSWER: Memphis

4. He led a rebellion against Edward I, but was badly defeated in 1298 at the Battle of Falkirk, where Edward first used the longbow. He continued a guerilla campaign until 1305, when he was captured and executed. FTP, name this Scotsman, the subject of the movie *Braveheart*.

ANSWER: William Wallace

5. "Wife beaters should get 10-15 years in prison any time they beat someone," he said in October 1995. However, in November 1995, he was arrested for criminal domestic violence. FTP, name this musician, who, despite his many scrapes with the law, remains the "Godfather of Soul" to many fans.

ANSWER: James Brown

6. Featuring a fictitious 1968 disco party attended by Elizabeth Taylor, Grace Kelly, and Maria Callas, an opera about her was recently commissioned by the Houston Grand Opera. FTP, name the title figure of this opera, who, in the climax, sings a dueling aria with Callas over mutual beau Aristotle Onassis?

ANSWER: Jacqueline Bouvier or Jacqueline Kennedy or Jacqueline Onassis

7. Two answers needed. Thirty years ago, these actors played a couple living in New Rochelle. In 1995, they posed for a weird S&M photo for *Vanity Fair*. FTP, name these sitcom stars, who used to play the parts of Laura and Rob Petrie?

ANSWER: Dick Van Dyke and Mary Tyler Moore

8. With its drowned worm in the bottle, this liquor was once dismissed as poor quality Mexican hooch, but in 1995, it's one of two spirits whose sales are increasing in the U.S. FTP, name this liquor similar to tequila, produced from a different variety of the agave plant.

ANSWER: Mescal

9. Developed in 1984, it requires two synthetic oligonucleotide primers. The desired sequence is denatured by heating, then cooled in the presence of the primers. Repeated cycles lead to amplification of the DNA. FTP, what technique is this, developed by Dr. Kary Mullis, and used in the O.J. Simpson trial?

ANSWER: Polymerase Chain Reaction

10. His first opera was 1810's *La Cambiale di Matrimonio*. In 1829, he stopped writing operas altogether. FTP, what composer, whose works include *William Tell* and *The Barber of Seville*, am I describing?

ANSWER: Gioacchino Rossini

11. Despite a good career at UCLA, he was virtually ignored by the NFL, going to the Vikings in the sixth round of the 1985 draft, but he blossomed with the 49ers as a third-string quarterback. FTP, what QB, now with the Kansas City Chiefs, is this, previously more memorable for his "famous" last name?

ANSWER: Steve Bono

12. His Dr. Talk, which hit stores November 1, has in its title track lyrics such as "There's Oprah, Phil, and Sally/and blank too/A little dose of a talk show host/You won't seem quite as blue." FTP, what talk-show host, a former mayor of Cincinnati, is this?

ANSWER: Jerry Springer

13. A myth about this Greek king is that he once judged against Apollo in a musical contest. The other judge in the contest, the river god Tmolus, punished him for his lack of taste by endowing him with a pair of ass' ears. FTP, what mythical figure is this, far more famous for an auto shop and a touch?

ANSWER: Midas

14. He tried to enter the clergy, but his pious fervor frightened his superiors. It was during this period in the Borinage region of Holland that he began painting, and created his masterpiece, *The Potato Eaters*. FTP, what artist, who later moved to Paris, is portrayed by Kirk Douglas in the film *Lust for Life*?

ANSWER: Vincent Van Gogh

15. Despite its feline official name, this team's unofficial mascot is a rat. FTP, name the team, led by goalie John Vanbiesbrouck, whose surprising start had many fans scratching their heads?

ANSWER: Florida Panthers (prompt on "Florida")

16. This Greek god was so weak at birth, Hera, his mother, dropped him from Olympus. Later in life, he was dropped again, by Zeus, and breaking both legs, required golden supports. FTP, what Greek god, master of the smithy, is this?

ANSWER: Hephaestus

17. "Roland", "The Host", "Tooms", "Ghost in the Machine", and "Little Green Men" are episode titles from this TV show. FTP, name this show which has a major character with the same first name as the network on which it airs.
ANSWER: The X-Files

18. This city lies near the intersection of I-25 and I-40 and is in Bernalillo County. Its population of over 350,000 people makes it the most populated city in its state. FTP, name this New Mexico city.
ANSWER: Albuquerque, New Mexico

19. If this chemical is present in coal, the coal will release sulfur dioxide when burned, causing acid rain. FTP, name this mineral, with the chemical formula FeS_2 , that proves the saying, "all that glitters is not gold."
ANSWER: Iron Pyrite

20. This four letter word can be defined as to throw, to search diligently, to pull apart, to select, and a tool used in mining. FTP, what is this p-initialled word?
ANSWER: pick

21. Some of the characters in this novel include Sheriff Alan Pangborn and Polly Chalmers. Set in Castle Rock, Maine, this novel takes the name from the shop that Leland Gaunt opens up. FTP, name this Stephen King novel.
ANSWER: Needful Things

22. There's a bar in Tegucigalpa, Honduras named after this author. The bar serves a drink called Lost Blend, which gets its name from one of the author's stories. FTP, name this writer, who stayed in Tegucigalpa for a few months in 1897, in order to avoid an indictment for embezzlement?
ANSWER: O. Henry or William Sydney Porter

23. This man was the author of the works *Passion Play*, *Pinball*, and *The Devil Tree*. FTP, name this Polish-born American writer, who is also known for his novel *Being There*.
ANSWER: Jerzy (Nikodem) Kosinski or Joseph Novak

24. "At the foot of thy crags, O Sea!/ But the tender grace of a day that is dead/ Will never come back to me." These are the ending lines of an 1842 poem by Tennyson. FTP, give its repetitive three-word title.
ANSWER: Break, Break, Break

25. In 1995, the hit British comedy Absolutely Fabulous had its final season. The show is essentially an expansion of a sketch created by two writers, one of whom plays Edina on the series. FTP, name either one of the show's creators.
ANSWER: Jennifer Saunders or Dawn French

26. For a quick ten points, what's the northernmost of the 48 contiguous states?

ANSWER: Minnesota

27. The name's the same: a jeweller famed for his gem-encrusted Easter eggs commissioned by the Romanov czars of Russia, and a brand name of fragrances, clothing, and other related products. FTP, what is this name?

ANSWER: Carl Fabergé

28. A British layman who delivered lectures in Rome, he began a Christian heresy by maintaining that virtue and good works were just as important as divine grace for salvation. FTP, name this theologian vindicated by a council of bishops in AD 415, but officially condemned by the pope that same year.

ANSWER: Pelagius

29. Among the properties of the Fibonacci (fib-oh-na-chee) sequence is the convergence of the ratios of its successive terms to the ratio approximated by 1.6 to 1. The ancient Greeks used it in proportioning width to height in many of their buildings. FTP, give the name the Greeks gave to this ratio.

ANSWER: the golden ratio or golden mean

30. In thermodynamics, this quantity is denoted by the letter S and according to the Second Law of Thermodynamics, it is always increasing. Mathematically, it can be defined as a constant times the natural logarithm of the quantity of heat. FTP, identify this "disorderly" function.

ANSWER: entropy

1. (30 pts.) President Eisenhower suffered a severe diplomatic setback when a U-2 spy plane was shot down over the U.S.S.R. First, FTP, in what year was the plane shot down?

Answer: 1960

For 20 points, what type of American reconnaissance bomber was shot down over the Arctic just over a month after the U-2 was downed?

Answer: RB-47

2. (20 pts.) The world was shocked in November 1995 by news of Ken Saro-Wiwa's murder. Answer the following questions about the event FTP each.
A. In what 350 square mile slice of the Niger delta, site of most of Nigeria's oil, was Saro-Wiwa campaigning for minority rights?

Answer: Ogoniland

B. What main target of Saro-Wiwa withdrew from Ogoniland following the sabotage of its pipelines in 1993?

Answer: Royal Dutch Shell

3. (20 pts.) According to this school of economics, consumers anticipate changes in fiscal and monetary policy and make their plans accordingly, sometimes counteracting the government's efforts. FTP per word, give the two-word label of this school of economics.

Answer: rational expectations or rational expectationists

4. (25) Since the US re-established diplomatic relations with Vietnam, Americans have returned to old battle sites. FTP, what former secretary of defense during the Vietnam war visited Vietnam in November, 1995?

Answer: Robert McNamara

For 15 points, what architect of Vietnam's victory met with McNamara, informing him that one of the Gulf of Tonkin incidents never took place?

Answer: Vo Nguyen Giap

5. (30 pts.) FTP each, identify the symbols used to represent the following founding countries on Canada's coat of arms.

A. Scotland

Answer: Lion

B. Ireland

Answer: Harp

C. France

Answer: Lily or Fleur de Lis

6. (30 pts.) In 1995, Bill Gates acquired the Bettman Archive to further his electronic publishing ventures. For fifteen points, what company owned by Gates purchased the Archive?

Answer: Corbis Corporation

What book about the information superhighway, written by Bill Gates, was published in late 1995?

Answer: *The Road Ahead*

7. (25 pts.) The Union of South Africa was formed by uniting four British possessions. For 5 points each, and a 5 point bonus for all four, name these possessions.

A: Orange Free State, Transvaal, Natal, Cape of Good Hope or Cape Colony

8. (30 points) Identify the year 30-20-10:

30: The Prohibition Party held its first convention in this year, nominating James Black of Pennsylvania for the presidency.

20: Colorado became the 38th state and Sitting Bull escaped to Canada.

10: Samuel Tilden got a majority of the popular vote, but lost to Hayes.

Answer: 1876

9. (30) In November 1995, one Middle Eastern country suffered its first terrorist car bombing ever. Answer these questions about the incident for the stated number of points.

A. For five points each, name the city and country where the bombing occurs.

Answer: Riyadh, Saudi Arabia

B. For 20 points, name the exiled leader of the opposition to the Saudi royal family, who denies any involvement in the bombing.

Answer: Muhammad al-Massari

10. (20 points) Given a clue, identify the Galilean satellite for five points each.

A. It's the largest satellite in the solar system.

Answer: Ganymede

B. It's the Galilean satellite furthest away from Jupiter.

Answer: Callisto

C. It has no mountains and few craters, but its ice surface is marked by cracks.

Answer: Europa

D. The smallest of the Galilean satellites, Jupiter and its satellites' gravitational fields cause frictional heating of its interior.

Answer: Io

11. Identify the musical group, 30-20-10.

30) Past famous conductors include Erich Leinsdorf and Dmitri Mitropoulos.

20) It sponsors a summer music festival every year at Tanglewood.

10) Its current conductor is Seiji Ozawa.

Answer: Boston Symphony Orchestra

12. Identify the coach, 30-20-10.

30) One of his more famous quotes is "You don't know. You just don't know. You may think you know, but you don't know. And you never will."

20) He has the 2nd longest tenure of any active NFL coach with the same team.

10) That team is the New Orleans Saints.

Answer: Jim Mora

13. (30 pts.) Identify the James Bond movie, for ten points each.

A. *Homicide's* Yaphet Kotto was the villain in this 1st Roger Moore flick.

Answer: Live and Let Die

B. This move was the only one to star two Bonds

Answer: Casino Royale (Woody Allen played Jimmy Bond)

C. Voted "the worst Bond movie ever" by Entertainment Weekly, it stars Tanya Roberts and Christopher Walken.

Answer: A View to A Kill

14. (30) Answer these questions on the Old testament story of Joseph FTP each.

A. Who was the Egyptian noble to whom Joseph was sold into slavery?

Answer: Potiphar

In jail, Joseph interprets the dreams of two servants of the pharaoh. FTP, all or nothing, identify the occupations of the two men.

Answer: Butler and baker (accept equivalents)

When Joseph's brothers come to visit him in Egypt, Joseph frames one of them for a theft. Name this brother, the youngest.

Answer: Benjamin

15. (30) The Calder Trophy is given to the NHL's best rookie. FTP each, given a team, name the player from that team that won the Calder in the 1990's.

A. Vancouver

A: Pavel Bure

B. New Jersey

A: Martin Brodeur

C. Quebec

A: Peter Forsberg

16. Identify the work 30-20-10

30) It consists of 114,240 frames, 600 billion bytes, and 160 billion pixels.

20) People involved with this film include Don Rickles and Jim Varney.

10) Major stars in the film are Tom Hanks and Tim Allen.

Answer: Toy Story

17. (30 pts.) Besides Algiers, there are five African capitals that begin with the letter A. Name them for five points apiece, plus five points for all correct.

Answer: Antananarivo (Madagascar), Accra (Ghana), Abuja (Nigeria),

Asmara or Asmera (Eritrea), and Addis Ababa (Ethiopia)

18. (30 pts.) Answer the following miscellaneous questions whose answers have nothing in common, for the stated number of points.

5: This was address system was introduced in 1963 by the U.S. Postal Service.

Answer: ZIP code

10: In statistics, type one error is rejecting this even though it is true.

Answer: null hypothesis

15: What actor, in 1964, played the lead in *Fiddler on the Roof*?

Answer: Zero Mostel or Samuel Joel Mostel

19. (30 pts.) For fifteen points each, tell me what constellation each of these nebulae are in.

A. Crab Nebula

Answer: Taurus or the Bull

B. Trifid Nebula and Lagoon Nebula

Answer: Sagittarius or the Centaur

20. (25 pts.) FTP name the Henrik Ibsen play that tells the tale of an architect who is afraid of the newer architects. The major character ends up falling off a spire, when he climbs to build a castle in the air

Answer: *The Master Builder or Bygmester Solness*

Now for fifteen points, give the first name of the girl who urges Master Builder Solness to build a castle in the air.

Answer: Hilda

21. (25 pts.) One of the most memorable moments from this novel is when Eliza and her baby take flight over an icy river. First, FTP, name the novel.

Answer: Uncle Tom's Cabin, or *Life Among the Lowly*

Now for 15 points, name the river talked about in the first part of this bonus.

Answer: Ohio River

22. (20) Answer the following questions about *The Canterbury Tales* FTP each.

A. The person who told the best tale was supposed to receive what prize?

Answer: A free dinner at the Tabard Inn

B. Who tells the tale of Melibee, who returns home to find that his enemies killed his daughter and beat his wife?

Answer: Geoffrey Chaucer

23. (30) Yet another question about DNA. Answer these questions FTP each.

A. This crystallographer performed many of the key X-ray diffraction studies that enabled Watson and Crick to determine the helical structure of DNA.

Answer: Rosalind Franklin

B. Watson and Crick worked at which university's the Cavendish Laboratory?

Answer: Cambridge University

C. Watson and Crick won the Nobel Prize for Medicine and Physiology in 1962, shared with what scientist, Rosalind Franklin's superior at King's College?

Answer: Maurice Wilkins

24. (30 pts.) FTP each, given the English form of a Freudian term, give the German equivalent, or five points if you need the literal English translation.

A. (10) id

(5) the neuter form of "it"

Answer: es

B. (10) ego

(5) the pronoun "I"

Answer: ich

C. (10) superego

(5) "above I"

Answer: ueberich (oo-ber-ich)

25 (30 pts.) Article I of the Constitution outlines the Congress and enumerates its broad powers. FTP each, given a description of an action forbidden by the Constitution, you tell me what I am describing.

- A. A law of this type makes an act retroactively illegal A: ex post facto law
B. This is a law that punishes a specific person A: bill of attainder

26. (20 pts.) Imprisoned for murder, this founding member of the Black Panthers was killed in 1968 during an escape attempt from California's Soledad prison. For 20 points, name this radical and author of such books as *Blood In My Eye* and *Soledad Brother*

Answer: George Jackson

27. (20 pts.) This writer was born in Andes, not the mountains, but a small village. For five points, name this author of the Aeneid.

Answer: Virgil or Publius Vergilius Maro

Now for fifteen points, name Virgil's work which is a poem in four books and talks about the exciting world of agriculture.

Answer: Georgics

28. 30-20-10 Name the artist

30) Born in 1452, he studied painting under the Florentine artist Verocchio

20) One of his patrons was the Sforza family of Milan.

10) He had ideas for hundreds of inventions, including a helicopter and a tank, and coded his notebooks by writing backwards.

Answer: Leonardo da Vinci or Leonardo da Vinci

29. (30 pts.) Answer these questions about radioactivity FTP each.

A. Very heavy radioisotopes often emit this type of particle, which consists of two neutrons and two protons.

Answer: alpha particle

B. Beta emission consists of two kinds of particles. Name either one.

Answer: electron or positron

C. When a fast-moving beta particle hits a barrier of high density, this type of radiation similar to X-rays is emitted. Name it.

Answer: bremsstrahlung (do not accept "gamma rays")