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1. One definition of this term is "springiness and flexibility" when describing rubber bands, but in economics, it describes the percentage change of a dependent variable divided by the percentage change of an independent variable. FTP, What is the name of this one-word term, a quality studied by economists and policymakers in determining taxation and regulation policy?
ANS.:
ELASTICITY
2. "The business of America is business. What's good for business is good for America." This statement was made, FTP, by what laconic twentieth century U.S. President, whose laissez-faire philosophy endeared him to many economic conservatives while he was in office from 1923-1929?
ANS.:
Calvin COOLIDGE
3. It might be a sign of these litigious times that these two men are embroiled in a lawsuit. As law partners, they hold a footnote in American legal history when, in 1977, they became the first law firm to advertise their services on television. FTP, name these two men, whose last initials are J and M.
ANS.:
JACOBY and MEYERS
4. If a pilot is crazy, he certainly can be excused from flying combat missions all he has to do is ask. But anyone rational enough to ask to get out of combat duty isn't really crazy, and thus will be refused. FTP, identify this paradox which is also the title of a novel by Joseph Heller.
ANS.:
CATCH-22
5. "I ate the seven sacred mushrooms of Mexico and discovered that beauty, revelation . . . God, the Devil--all lie inside my body . ." In 1966, he founded the "League For Spiritual Discovery," in which he tried to pass off drug use as religion. FTP, name this drug buddy of Alan Ginsberg, Jack Kerouac, and Aldous Huxley who made dropping acid a regular part of his research at Harvard. ANS.:

Timothy LEARY
6. Adansonia digitata thrives in tropical Africa and produces an edible fruit that is known as monkey bread. It has a swollen trunk that can reach up to 30 feet in diameter, but it is best known for its branches that have the appearance of roots. FTP, identify this "upside-down" tree.
ANS.:
BAOBAB
7. In 1926 Soviet Director Sergei Komorov decided this woman would star in his next film, except he didn't tell her! Instead he followed her pretending to shoot a documentary, finally releasing THE KISS OF [Blank] in which a Russian film extra idolizes and finally kisses "America's Sweetheart." FTP, name this actress, a founder of United Artists and lover of Douglas Fairbanks.
ANS.:
Mary PICKFORD

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8. Kentucky is a sure thing to make the NCAA basketball tournament, and most people would put their money on Villanova and Arizona too. But if Northwestern makes it, things will get really confusing, because there would then be four teams in the tournament sharing, FTP, what nickname? ANS.:

WILDCATS
9. This Newark, NJ native represented New York in the US Senate from 1791 to 1797. He later lost an 1804 bid for NY governor, and spent 3 years conspiring with General Wilkinson, the then soon to be governor of the Louisiana territory. He was tried for treason, acquitted, and retired in relative obscurity. FTP, identify this figure best known for slaying Alexander Hamilton in a duel. ANS.:

Aaron BURR
10. Brahmaputra, Salween, Mekong, Red, Hsi (SHE), Huang, and Yangtze are all, for ten points, rivers flowing through which Asian nation?
ANS.:

## CHINA

11. More than 140 members of Congress, ranging from Ted Kennedy and Barbara Boxer to Jesse Helms and Strom Thurmond, are petitioning the Food and Drug Administration to loosen the rules governing the prescription drug methlyphenidate. FTP, name the brand name of this drug used to treat Attention Deficit Disorder in 2 million American children.
ANS.:
RITALIN
12. There are an infinite number of them, for we can generate them using the formula $2^{\wedge}(n-1)^{*}\left(2^{\wedge} n-1\right)$ [read: 2 to the $n$ minus 1 times the quantity 2 to the $n$ minus 1]. No non-trivial odd examples have yet been found. FTP, identify these unblemished numbers which are equal to the sum of their proper factors. ANS.: PERFECT numbers
13. This school's football team caused quite a stir when it won its first three league games for the first time since 1945. Then it lost its next game, 44-14, to Princeton, where it hadn't won since 1945. FTP, name this school, better known for its former president, Dwight Eisenhower, than for its football success. ANS.: COLUMBIA University
14. "If a man does not keep pace with his companions, perhaps it is because he hears a different drummer. Let him step to the music that he hears, however measured or far away." So said, FTP, what New England transcendentalist, who decided to step to the music of his own drummer by refusing to pay taxes during the Mexican War and choosing to live alone on Walden Pond for two years?
ANS.:
Henry David THOREAU

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15. In 1980 he founded a rural workers union in Xapuri. He used non-violent civil disobedience to prevent the slash-and-burning of millions of acres of forest and the building of a road the Darly Alves ranching family wanted built. He had made himself such anuisance that he was declared "anunciado" and was shot to death in1988. FTP, name this slain Brazilian environmentalist.
ANS.:
Franscisco "Chico" MENDES Filho
16. It designates an identity tensor, an infinitely localized distribution, an airline, a geographical feature, or the change in avariable. FTP, name this fourth letter of the Greek alphabet.
ANS.: DELTA
17. Steve Young, Billy Ray Cyrus, Lisa Kudrow, Joan Lunden, Kristi Yamaguchi, and Jennifer Aniston: FTP, all have endorsed what product?
ANS.: MILK
18. He served as president of the College of New Jersey, which later became Princeton University, for five months before dying from an innoculation against smallpox. However, he is much better known as a fire and brimstone preacher. FTP, name this former president of Princeton whose most famous sermon is "Sinner in the hands of an angry God."
ANS.:
Jonathan EDWARDS
19. He said, 'When I have tense relations with my wife, we speak in Arabic. When we talk business, then we speak English. When our relationship is better, then we talk French." Considering his job in New York City, it's not surprising that he's multilingual. FTP, name this former professor of international law at Cairo University and current Secretary-General of the United Nations. ANS.:

Boutros BOUTROS-GHALI
20. FQTP, which former president of the Service Empoyees International Union recently defeated Thomas Donahue to become president of the AFL-CIO? ANS.:

John SWEENEY
21. Firework displays, TV signals, information, ideas. These items are all examples, FTP, of what type of commodity, defined by economists to be a good or a service where consumption by one person does not deprive anyone else from consuming the same good or service?
ANS.:
PURE PUBLIC GOOD
22. These people have something in common: Sig McGuinness, Bob Morton, Biff Henderson, Anton Fig, Dick Assman, Calvert DeForest, and Paul Shaffer. FQTP, name the television program on which all of these people have appeared. ANS.: The Late Show with David Letterman (Prompt on "David Letterman.")

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23. His credits include American Graffiti and Mosquito Coast and he has starred in five of the top ten most popular films of all time. FTP, name this actor who co-stars with Julia Ormond in last year's re-make of Sabrina.
ANS.: Harrison FORD
24. Atoms are infintely numerous, perfectly hard, and travel at large but finite speeds. Curiously, they also swerve unpredictably at random times. FTP, these assertions are made by what Roman Epicurean in his poem, "De Rerum Natura"? ANS.:

Titus LUCRETIUS Carus
25. The Million Man March on Washington on October 16, 1995 brought nation attention to the leader of the Nation of Islam, Louis Farrakhan. FTP, name founder of that organization who served as its leader until his death in 1973. ANS.:

ELIJAH MUHAMMED
26. There's a millionaire businessman running for the Republican presidential nomination using his own money - and, no, I'm not referring to Steve Forbes. FTP, name this Iowan entrepeneur who has received considerably less attention than his publishing counterpart.
ANS.:
Morry TAYLOR
27. Infection by this mosquito borne virus results in fever and extreme pain in the joints and muscles. Although primarily found in Central and South America, the mosquito which carries this virus is slowly making its way up to North America. FTP, name this newly erupting virus, also known as break bone fever. ANS.: DENGUE fever
28. Many people have gone on quest of this object, including Parzi§al, Indiana Jones, and King Arthur. FTP, name this vessel, the cup from which Christ drank at the Last Supper.
ANS.:
The HOLY GRAIL

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## (30 Points)

1. Answer the following questions about elasticity, for ten points each:
1) What type of good has an income elasticity of demand greater than one? ANS.: LUXURY or SUPERIOR good
2) What type of good has an income elasticity of demand from zero to one? ANS.: NORMAL good
3) What type of good has an income elasticity of demand less than zero?
(30 Points)
2. Given the quote, name the Shakespearean play and the character who said it: 1) "Beware, my lord, of jealousy; It is the green-ey'd monster which doth mock the meat it feeds on."

ANS.:
OTHELLO, IAGO
2) "Is this a dagger which I see before me, the handle toward my hand? Come, let me clutch thee; I have thee not, and yet I see thee still."

ANS.:
MACBETH, MACBETH
3) "Now is the winter of our discontent, made glorious by this summer sun of York."

ANS.: RICHARD III. RICHARD III
(30 Points)
3. Given the quote, name the American Indian chief who said it:

1) "These lands are ours. No one has a right to remove us, because we were the first owners. The Great Spirit above has appointed this place for us, on which to light our fires, and here we will remain."

ANS.:
TECUMSEH
2) "I will fight no more, forever."
ANS.:
CHIEF JOSEPH
3) "What treaty that the white man ever made with us have they kept? Not one. When I was a boy the Sioux owned the world; the sun roseand set on their land; they sent ten thousand men to battle."

## ANS.:

SITTING BULL
(30 Points)
4. Given the description, name the type of economic market structure:

1) Many firms, homogeneous products, free entry and exit, firm is a pricetaker, no advertising or nonprice competition.

ANS.: PERFECT COMPETITION
2) Many firms, differentiated products, free entry and exit, considerable advertising

ANS.:
MONOPOLISITC COMPETITION
3) One firm, firm is a price seeker, barriers to entry

ANS.:
MONOPOLY

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## (30 Points)

5. Ah, science! Isn't it fun knowing that right now you could be part of a secret medical experiment. FTP apiece, answer these questions about these morally bankrupt studies.
6. In 1948, 751 pregnant women were secretly fed radioactive iron at this university's medical center. ANS.: VANDERBILT
7. From 1949 to 1973, the CIA's Projects Bluebird, Artichoke, and MK-ULTRA funded the secret administration of this drug to prisoners, hospital patients, and scientists.

ANS.:
LSD
3. 412 African Americans in Macon County, Alabama were secretly left untreated for this disease from 1932 to 1972.

ANS.: SYPHILIS

## (30 Points)

6. FTP apiece, I'll name an underworld figure active during the 1930's and you give me his famous nickname.
7. George Kelly
8. Lester Nelson
9. Vincent Coll

ANS.: MACHINE GUN
ANS.: BABYFACE
ANS.: MAD DOG

## (30 Points)

7. 30-20-10, name the historical city.
8. The city was systematically excavated near Tell el-Muqayyar by Sir Leonard Wooley from 1922 to 1934.
9. Among discoveries at this Euphrates river site were a ziggaurat and the unmolested grave of Queen Pu-abi.
10. The Bible lists this city "of the Chaldeans" as the birthplace of Abraham. ANS.: UR
(30 Points)
11. FTP apiece, I'll name a year or years and you name the actor or actress that drew the most audience members to their movies in that time period.
12. 1978 through 1982 ANS.: BURT REYNOLDS
13. 1936 through 1938 ANS.: Shirley TEMPLE (Black)
14. 1994 ANS.: Tom HANKS
(30 Points)
15. (30-20 10) Name the Shakespearean play from the list of characters:
(30) Feste, Orsino, Sebastian
(20) Viola, Andrew Aguecheek, Sir Toby Belch
(10) Maria, Malvolio, Olivia

ANS.: TWELFTH NIGHT

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(30 points)
10. Answer the following questions about midieval France:
a) Nicknamed the "long-haired kings," they ruled the Franks from 511 to 751 A.D. Clovis was the first and most prominent of these kings.
ANS.:
MEROVINGIANS
b) Grandfather of Charlemegne, he defeated the Moors at Poitiers in 733 ,halting Muslim expansion into Europe.
ANS.:
Charles MARTEL
c) Charlemegne was crowned emperor on Christmas Day in the year 800 by this pope in Rome.

$$
\text { ANS.: } \quad \text { Pope LEO III }
$$

(25 Points)
11. "Pulp Fiction" was the last American film to win the Palm d'Or at the Cannes (CAN) Film Festival, but how much do you know about these otherfilms to win that prize? Answer the following questions for the stated number of points:
A. For five points each, name the producer and director of "Barton Fink." ANS.: Joel COEN, Ethan COEN. (or COEN BROTHERS)
B. For five points, name the director of "Wild at Heart."
ANS.:
David LYNCH
C. Finally, for ten points, name the director of "Sex, Lies, and Videotape." ANS.: Steven SODERBERGH
(30 Points)
12. How well do you know the subatomic zoo? Arrange the following particles from least to most massive for five points each and a five point bonus for all five: neutral kaon, delta, lambda, muon, neutral pion.
ANS.:
MUON, PION, KAON, LAMDA, DELTA.

## (30 Points)

13. Science fiction and fantasy authors have created some crazy worlds. For the stated number of points, given the world, name the author who created it.
A. (5 points) Ringworld
ANS.:
Larry NIVEN
B. (10 points) Riverworld
C. (15 points) Terminus
ANS.: Philp Jose FARMER
ANS.: Isaac ASIMOV
(30 points)
14. The smallest number of colors needed to fill a map will always be less than four. For fifteen points each, given the list of countries, name the country you would need to add to a map in order to require four colors.
A. Ethiopia, Djibouti, Somalia, Kenya, and Sudan
A: ERITREA
B. Laos, Vietnam, Thailand, Cambodia, and China.
A: BURMA or MYANMAR

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(30 Points)
15. Identify these questions about the Watergate scandal for the stated number of points.
A. First, for 10 points, identify the Washington Post journalists who helped crack the case and authored All the President's Men.

ANS.: Bob WOODWARD and Carl BERNSTEIN
b. For 10 more points, identify the former Attorney General who temporarily headed Nixon's reelection campaign.
ANS.: John MITCHELL
c. For a final 10 points, identify the treasurer of Nixon's reelection campaign, one of the few high ranking officials not indicted.
ANS.:
Hugh SLOAN

## (30 Points)

16. For 10 points apiece, identify these terms that one would find toward the beginning of a dictionary.
a) An edible marine snail of the Genus Haliotis, known for its bluish mother of pearl lining.

ANS.: ABALONE
b) A sharp, jagged type of lava which gets its name from the sound one might make when stepping on it.

ANS.: AA [pronounced ah-ah]
c) In coordinate geometry, the $x$ coordinate of a point.

## ANS.:

## ABSCISSA

(30 Points)
17. Answer the following questions about mineral identification FTP each:
a) First, identify the name of the scale that classifies the hardness of minerals on a scale from 1 to 10 .

ANS.: MOH'S Scale
b) Identify the term used to describe the reflection oflight off of a mineral.

ANS.: LUSTER
c) Finally, what term is used to describe the color of a mineral in powder form? ANS.:

STREAK
(20 Points)
18. For 5 points each, given the assassin, identify the victim.
a) Charles Guiteau
b) Dr. Carl Austin Weiss
c) Ramon Mercador del Rio
d) Prince Musad Abdel Aziz

ANS.: James GARFIELD
ANS.: Huey LONG
ANS.: Leon TROTSKY
ANS.: King FAISAL

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(25 points)
19. He's a Wall Street Banker, but he did not make his mark on the Dow Jones this year. Probably because he was too busy negotiate with Balkan leaders and helping to a establish peace plan for Bosnia. Name this State Department official under Jimmy Carter who served as chief negotiator for the Americans at the Dayton Peace Conference.
ANS.: Richard HOLBROOKE
( 20 Points)
20. FFPE, given the Congressional committee, name its chairperson.
A. House Budget ANS.: John KASICH
B. Senate Labor and Human Resources

ANS.: Nancy KASSEBAUM
C. Senate Budget
D. House Appropriations

ANS.: Pete DOMINECI
ANS.: Robert LIVINGSTON
(30 Points)
21. The O.J. Simpson trial is over, but it will live on in infamy. FTPE, name the O.J. defense team lawyer given one of his pre-O.J. clients.
A. Michael Jackson
B. F. Lee Bailey
ANS.:
Johnie COCHRAN
C. Mike Tyson
ANS.:
Robert SHAPIRO
ANS.:
Alan DERSHOWITZ

## (30 Points)

22. FFPE, and a five point bonus for all five, I'll give you the name of a jazz standard and you tell me the musician associated with it:
A. Straight, No Chaser
B. Blue Trane
C. Take Five
D. Ornithology
E. Satin Doll

ANS.:
ANS.:
ANS.:
ANS.:
ANS.:
Thelonious MONK
John COLTRANE
Dave BRUBECK
Charlie PARKER
Duke ELLINGTON

## (20 Points)

23. The finals of the 1966 NCAA men's basketball tournament marked a milestone in sports history. The game was won by a team which started five black men, the first time that had happened. Also, the team they beat started five white men, including Pat Riley, now the coach of the Miami Heat. For ten points apiece, or five if you need the name of the coach, name:
A. the winning team

A: TEXAS WESTERN (not UTEP)
for five points: Coach Don Haskins
B. the losing team
for five points: Coach Adolph Rupp

Princeton Ralph boni page 6, Penn Bowl VI
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(25 Points)
24. FFPE, given the year and the winner, name the nineteenth century Presidential candidate who received the second-most electoral votes.
A. 1852, Franklin Pierce ANS.:
B. 1840, William Henry Harrison ANS.:
C. 1884, Grover Cleveland ANS.:
D. 1880, James Garfield ANS.:
E. 1872, Ulysses S. Grant ANS.:

Winfield SCOTT
Martin VAN BUREN
James BLAINE
Winfield Scott HANCOCK
Horace GREELEY
(30 points)
25. Many people are familar with Madeline L'Engle's A Wrinkle in Time, the first book in her "Time Qurtet". FTP each, name the three other books which make up her quartet if books about the Murry family.
A: A WIND IN THE DOOR. A SWIFTLY TILTING PLANET, and MANY WATERS
(30 points)
26. 30-20-10, name the scientist.
30. His last adventure was an attempt to take a trip to Tannu Tuva.

Unfortunately he passed away before he was allowed to go.
20. His first wife died of tuberculosis while he worked at Los Alamos on the Atomic Bomb.
10. Besides his work in physics, this scientist was also known for his skill at playing bongo drums and safecracking.
ANS.:
Richard FEYNMAN
(30 Points)
27. 30-20-10, name the author from the works given.
30. Acts of Faith
20. Doctors
10. Oliver's Story, Love Story

ANS.: Erich SEGAL

