

NO READ-Y

Minnesota Deep Bench 2001, Questions by University of Illinois, edited by David Levinson

MISCELLANEOUS - GENERAL KNOWLEDGE

1. Tossup: They recently left their record label, Reprise, after Reprise refused to release their new album due to it not having enough commercial appeal. The album will be their fourth, not counting two recorded with Billy Bragg. FTP, name this alt-country band, who's new album "Yankee Hotel Foxtrot" will follow "A.M.", "Being There" and "Summer Teeth".

Answer: Wilco

Bonus: The major record labels are part of multinational corporations. Answer these questions about them FTPE.

A. Miramax dropped this Kevin Smith film because of pressure put on their multinational corporation owner, Disney

Answer: Dogma

B. In 1999, Wal-Mart, annoying bitches that they are, twice pulled albums from all their stores because of the complaints from ONE idiot from Ohio. FTP, name either one of the two artists this happened to.

Answer: Godsmack OR Powerman 5000

C. Since 1985, October 16th has been the "the International Day of Action" Against this multinational corporation headquartered in Oak Brook, IL.

Answer: McDonald's

HISTORY - AMERICAN

2. Tossup: Born in 1902, he graduated from Clemson with a degree in horticulture. In 1946, was elected governor of South Carolina. Two years later, he decided to make his presidential bid. FTP, name this Senate President Pro Tempore from 1981-1987, the only presidential candidate of the States' Rights Party.

Answer: James Strom Thurmond

Bonus: Identify the following regarding Strom Thurmond FTPE.

A. On September 23, 1998, Thurmond was given this USO award, awarded to Americans whose patriotism and service to U.S. troops reflects that of a certain comedian.

Answer: Spirit of Hope (prompt on "Bob Hope")

B. Thurmond is also well known for giving the longest filibuster in Senate history. For ten points, within one, how many hours was this speech?

Answer: 24 (accept 23-25)

C. Lastly, in this filibuster, Thurmond was attempting to block the passage of what bill?

Answer: Civil Rights Act of 1957 (prompt on "Civil Rights")

LITERATURE - NON-EUROPEAN

3. Tossup: This prolific author of over 1,000 poems, 2 dozen plays, and 8 novels also wrote thousands of songs, including the national anthems of two different countries. His friendship with W.B. Yeats, who wrote the forward to his most famous book of poetry, Gitanjali (GIT-AHN-JUH-LEE), helped bring his work to the attention of the West. For 10 points, name this Bengali writer who won the 1913 Nobel Prize in literature.

Answer: Rabindranath Tagore

Bonus: 5-10-15, given some of their works, name these modern Indian-born authors.

A. (5) The novels "The Ground Beneath Her Feet" and "The Moor's Last Sigh" were written after he was sentenced to death in 1989 for allegedly defaming Islam in "The Satanic Verses."

Answer: Salman Rushdie

B. (10) She won the 1997 Booker Prize for her first novel, "The God of Small Things".

Answer:: Arundhati Roy

C. (15) She was short-listed for the Booker prize three times: first for the novel "Clear Light of Day" in 1980, again in 1984 for "In Custody", and most recently in 1999 for "Feasting, Fasting".

Answer: Anita Desai

SCIENCE - CHEMISTRY/ PHYSICS

4. Tossup: For any actual system, this quantity is almost always either minimized or maximized. For light, its minimization can be used to derive Fermat's principle since it is proportional to the time of travel. In quantum theory, only those states of motion whose value for this quantity are integer multiples of Planck's constant are possible. For ten points, name this abstract quantity in theoretical physics that may be expressed as the product of a system's average linear momentum and the length of the interval between its initial and final positions.

Answer: Action

Bonus: For the stated number of points, answer the following related to the concept of action:

A-5. Give the unit of action in terms of fundamental SI units.

Answer: $\text{kg}\cdot\text{m}^2/\text{s}$ (Kilogram meters squared per second)

B-10. This physicist devised an approach to quantum mechanics governed by the principle of least action while a graduate student at Princeton.

Answer: Richard Phillips Feynman

C-15. This statement of a system's total energy in terms of its Lagrangian originated as a generalized statement of the tendency of systems to undergo changes only by those processes that either minimize or maximize action.

Answer: Hamiltonian function

HISTORY - EUROPEAN

5. Tossup: The grand-nephew of a Russian tsarina, Anastasia the first wife of Ivan IV, this tsar's reign was marked by inconclusive wars with Poland. The only benefit was that the Polish king renounced all claim to the Russian throne. During the first part of his reign, the Patriarch, his father Filaret, was the force behind the throne. FTP, name this Russian tsar elected by the Zemskii Sobor of 1613, the first Romanov tsar of Russia.

Answer: Michael or Mikhail Romanov

Bonus: FTPE answer these other questions about 17th century Russian history.

A. Name Michael's son who succeeded him in 1645 when Michael died.

Answer: Alexei or Alexis Mikhailovich

B. Name the patriarch of Moscow under Alexis, appointed in 1652, who instituted liturgical reforms leading to a schism of the Russian Orthodox Church. Although originally having the tsar's support, he was deposed in 1666 because the tsar feared that he was amassing too much power.

Answer: Nikon (Nee-kon)

C. The primary domestic event of Alexis' reign was the 1668-1670 revolt of this Don Cossack leader. Cossacks and fugitive serfs joined in the revolt but it was suppressed by end of 1671.

Answer: Stepan Razin or Stenka Razin

SCIENCE - ENGINEERING/TECHNOLOGY/MATH/COMPUTER SCIENCE

6. Tossup: The son of former Communists, in the late '60s his student radical father, Nils, posed on the cover of a magazine holding a machine gun. Coming from the luckless lands of the North, he now works for Transmeta in California. For 10 points -- name the developer and coordinator of the open-source operating system that bears his name, Linux [Lynn - Ux].

Answer: Linus Torvalds

Bonus: Answer these related questions about the history of the transistor for 10 points each:

A. Developed by Jack Kilby at Texas Instruments, this device combined transistors on a single chip

Answer: Integrated Circuit

B. This co-founder of Intel posited the law that the number of transistors per integrated circuit doubles every 18 months or so.

Answer: Gordon Moore

C. Gordon Moore's second law deals with this problem of manufacturing:

Answer: The cost of a fabrication plant doubles each generation (accept equivalents)

HUMANITIES - MUSIC/DANCE

7. Tossup: In her work, "Lamentation," the performer is dressed as a solitary, grieving woman encased in a tube of stretch jersey, with only hands, feet, and face visible. Her signature dance, "Frontier," is staged with a simple wooden fence and two ropes. For 10 points, name this pioneer of modern dance for whom Aaron Copeland wrote "Appalachian Spring."

Answer: Martha Graham

Bonus: For 10 points each, given a description, name these students of Martha Graham.

A. Although he died in 1989, his eponymous dance company lives on. His troupe was the first predominantly black dance company to perform at the Metropolitan Opera House in New York City.

Answer: Alvin Ailey

B. She choreographed dances for the movies "Hair," "Ragtime," "Amadeus," and "White Knights," but she is probably best known for her Broadway collaboration with David Byrne, "The Catherine Wheel."

Answer: Twyla Tharp

C. He has often collaborated with avant-garde artists such as Andy Warhol and Robert Rauschenberg. He is famous for his works with the composer John Cage, such as "Cartridge Music" where the performers make use of phonograph cartridges to play various objects to create a symphony of unusual sounds.

Answer: Merce Cunningham

SOC. SCIENCE - POLITICAL SCIENCE /LAW / GOVERNMENT

8. Tossup: The son of two Lebanese immigrants, he graduated from Harvard Law School in 1958, where he first began to explore the topic of automobile design. Seven years later, he targeted General Motors and the American auto industry in his best-selling book Unsafe at Any Speed. Since then he has been outspoken in his desire for increased government and corporate responsibility in environmental matters and has pushed for many federal consumer protection laws. For ten points, name this man who failed to achieve 5% of the popular vote as the Green Party candidate in the 2000 presidential election.

Answer: Ralph Nader

Bonus: Given a third party presidential candidate and the year in which he ran, identify his party FTPE:

A. Theodore Roosevelt 1912

Answer: Progressive or Bull Moose

B. Millard Fillmore 1856

Answer: American or Know-Nothing

C. John Hale 1852

Answer: Free Soil

SOC. SCIENCE - GEOGRAPHY/DEMOGRAPHY

9. Tossup: This country has been frequently held by foreign invaders in its long history. The forces of Alexander the Great invaded circa 330 BCE. Since then, its conquerors have included the Mauryans, the Samanids, the Mongols, the Timurids, the Mughals, the Persians, the Russians, the British, and the Soviets. Invaders from the west have usually entered from the Kushan Pass; those from the east have made use of the Khyber Pass. FTP, name this nation that, as of this writing, was controlled by a group of religious students known as the Taliban.

Answer: Afghanistan

Bonus: FTPE, answer these questions about Afghanistan.

A. This was the term for an Afghan guerrilla in the war against the Soviet Union.

Answer: Mujaheddin

B. During that war, millions of Afghans fled to this neighboring country, one of the few that officially recognized the Taliban.

Answer: Pakistan

C. This position as a religious teacher figures prominently in the Afghan social order; any man who can recite the Qu'ran from memory can be one, but can be a difficult task in Afghanistan, where Arabic is not a local language.

Answer: Mullah

LITERATURE - AMERICAN

10. Tossup: In his scant 28 years, he covered wars in Cuba and Greece, and wrote poetry, novels, and stories. Although no one wrote an opera about him, his wife owned a brothel, and he died of consumption. FTP, name this author of "Sullivan County Sketches" and "The Blue Hotel", who gained worldwide fame with his "The Red Badge of Courage."

Answer: Stephen Crane

Bonus: Many early American writers are better known for their novels than their equally excellent short stories. Given an author and some stories, identify the book in which they were published, FTPE.

A. Herman Melville, Bartleby, Benito Cereno

Answer: The Piazza Tales

B. Nathaniel Hawthorne, Rappaccini's Daughter, The Birthmark

Answer: Mosses from an Old Manse

C. Washington Irving, Legend of Sleepy Hollow

Answer: The Sketchbook of Geoffrey Crayon, Gent.

HISTORY - WORLD

11. Tossup: It began with a civil war, and ended over 400 years later due to the corruption inherent in the dynastic cycle. Its capital was at Chang'an, and it was interrupted briefly by a reformer named Wang Mang. Such inventions as paper and porcelain arose during this dynasty, which now gives its name to the ethnic majority in its country. The historian Sima Qian's, 'Shiji' provides a detailed chronicle of the history of the period through the rule of Wu Ti. FTP, what dynasty ruled China from 206 BCE to A.D. 220?

Answer: Han dynasty

Bonus: Five apiece and an extra 10 if they're in the right order, name the four Chinese dynasties preceding the Han.

Answer: Xia, Shang, Zhou, Qin

LITERATURE - ENGLISH LANGUAGE (non- US)

12. Tossup: He would likely still be Poet Laureate, were he not dead, though his most famous works are marred by the lack of reference to both killer bunnies and the knights of Ni (**). He wrote "Poems by Two Brothers" with his brother Charles in 1827. His reputation has been colored by the almost maudlin sentimentality of many of his longer poems. FTP, who is this poet who's other works include Tiresias and In Memoriam.

Answer: Alfred, Lord Tennyson

Bonus

5-10-15, Identify poem from opening lines

A. Half a league, half a league,
Half a league onward,
All in the valley of Death
Rode the six hundred.

Answer: The Charge of the Light Brigade

B. Strong Son of God, immortal Love,
Whom we, that have not seen thy face,
By faith, and faith alone, embrace,
Believing where we cannot prove;

Answer: In Memoriam

C. Like souls that balance joy and pain,
With tears and smiles from heaven again
The maiden Spring upon the plain
Came in a sunlit fall of rain.

Answer: Sir Launcelot and Queen Guinevere

SCIENCE - GEOLOGY/METEOROLOGY/ENVIRONMENT/ASTRONOMY

13. Tossup: The Helix variety is well studied and nearby at less than 200 parsecs. It is a particularly evolved form that has the entire shell, previously ejected during the progenitor star's AGB phase, has been subjected to ionization by the central star and the passing of a shock front due to the fast wind. For 10 points – name this space cloud of dust.

Answer: Nebula

Bonus: Answer these about nebula 5-10-15 .

A-5. These are clouds of high temperature gas. Like Neon light, the atoms in the cloud are energized by ultraviolet light from a nearby star and release radiation as they fall back into lower energy states. These nebulae are usually red because the predominant emission line of hydrogen happens to be red.

Answer: Emission Nebula (accept Diffuse)

B-10. They reflect the light of a nearby star or stars. They are also usually sites of star formation. They are usually blue because the scattering is more efficient for blue light.

Answer: Reflection Nebula (accept Diffuse)

C-15. They block the light from whatever is behind. They are physically very similar to reflection nebulae; they look different only because of the geometry of the light source, the cloud and the Earth. A typical nebula is a few hundred light-years across.

Answer: Dark Nebula

SOC. SCIENCE - SOCIOLOGY/ARCHEOLOGY/ANTHROPOLOGY/ PSYCHOLOGY /LINGUISTICS

14. Tossup: He has been a professor at MIT since 1955, publishing books in politics, as well as his own field. Beginning with his doctoral dissertation through later works like *Language and Mind*, and *The Sound Pattern of English* he developed his theory of abstract grammar. He has a Normal Form named for him in language theory, a field to which his *Transformational Grammar* was a fundamental contribution. FTP, who is this leftist political activist and linguist, who made his reputation with 1977's *Syntactic Structures*?

Answer: Avram Noam Chomsky

Bonus: Chomsky made important contributions for formal language theory, so identify the following terms from it, FTPE.

A. Chomsky classified these as Type 2 grammars within his hierarchy. As their name indicates, they are absent the ambiguity which makes natural languages difficult to process.

Answer: Context-Free Grammar

B. Automata are machines which process Formal Languages. This type of automaton can accept any Context-Free Language, and is created by adding an infinite stack to a finite automaton.

Answer: Pushdown Automaton

C. Probably the most famous and capable of the automata is this type, which can accept any Recursively Enumerable language. It reads and writes from an infinite tape, and comes in deterministic and non-deterministic flavors.

Answer: Turing Machine

HUMANITIES - MYTHOLOGY/BIBLES

15. Tossup: This Biblical book contains perhaps some of the most famous prophecies interpreted as presaging the coming and life of Jesus. These include the words of the namesake prophet, "Behold, a virgin shall conceive" to King Ahaz as well as chapter 53, which is known as the Suffering Servant, containing such verses as "Surely he has borne our griefs and carried our sorrows". FTP, name this Biblical book whose namesake prophet counsels King Hezekiah in his struggle with Assyria.

Answer: Isaiah

Bonus: FTP, name the Old Testament book from which each of the following prophecies of the life of Jesus is taken.

A. "but you, O Bethlehem Ephrathah, who are little to be among the clans of Judah, from you shall come forth for me one who is to be ruler in Israel, whose origin is from of old, from ancient days."

Answer: Micah

B. "Rejoice greatly, O daughter of Zion! Shout aloud, O daughter of Jerusalem! Lo, your king comes to you; triumphant and victorious is he, humble and riding on an ass, on a colt the foal of an ass."

Answer: Zechariah

C. "...they have pierced my hands and feet. I can count all my bones. They stare and gloat over me; they divide my garments among them, and for my raiment they cast lots."

Answer: Psalms

HISTORY - ANCIENT

16. Tossup: On one side was a force comprised of horse arches, cardaces, lightly-armed spearmen trained to fight in a phalanx, and Greek mercenaries under the command of the Achaeminid King of Kings. They had stolen a march on their enemy and lay astride his supply line on the other side of the Pinarus River. However, their adversary's crack Companion heavy cavalry stormed across the river and his phalanx soon followed, and the Persian army fled. FTP, name this battle, the first between Darius III and Alexander the Great.

Answer: Issus

Bonus: FTPE, name these other battles of ancient military history.

A. Fought in the same general vicinity as Issus, but over 900 years earlier, this battle between the Egyptians and the Hittites ended in a draw, although Egyptian pharaoh Ramesses II would claim victory on the temple walls of Luxor.

Answer: Kadesh

B. Perhaps the earliest specific battle for which we have a date and participants was this 1479 BCE battle between the Egyptians under Thutmose III and various Canaanite kings. The battle was fought on what would be termed the field of Armageddon in the Bible.

Answer: Megiddo

C. With a name similar to Issus, this was the last great battle of the wars of Alexander's generals after his death. Fought in Asia Minor in 301 BCE, between the forces of Antigonus on one side and Seleucus on the other, it ended with the death of Antigonus and ended the first stage of the wars of Alexander's Successors.

Answer: Ipsus

LITERATURE - EUROPEAN

17. Tossup: Its protagonists are Ilmarinen, the smith, and Väinämöinen, the lore singer. The antagonist is Louhi, the black witch of the North. All are characters whose main capability is storing or utilizing information. Appropriate for an epic from country with among the highest cell phone and internet usage. For 10 points -- name the national epic of Finland.

Answer: Kalevala

Bonus: Identify the following European novels given a character and description on a 10-5 basis.

A-10: Claire Quilty is a well-known writer who also produces child pornography.

A-5: Humbert Humbert is a middle-aged scholar with an obsession for nymphets.

Answer: Lolita

B-10: Pavel Petrovich is an aging aristocrat who leaves his brother's estates after losing a duel.

B-5: Arkady is a recent university graduate whose compulsion to be accepted by the avantgarde allows him to be converted to nihilism by a young doctor.

Answer: Fathers and Sons

C-10: Ivanov is the Party's interrogator of the protagonist and tries to get him to confess to fictitious crimes by appealing to his innate Marxism and reductio-ad-absurdum logic and reason.

C-5: Rubashov is a high official and "Old Bolshevik" who is arrested at the height of the purges, and charged with espionage, sedition, and belonging to the Opposition.

Answer: Darkness at Noon

HUMANITIES - FILM/VIDEO/STAGE

18. Tossup: This filmmaker has been quoted as saying "You must become a producer if you want any control over the fate of your work." This probably stems from creative issues he had with Francis Ford Coppola during the making of his first Hollywood film "Hammett". His own production company, "Road Movies", takes its name from a trilogy he shot from 1974-76. He won the Palme D'Or in 1984 for "Paris, Texas", and later Cannes' "Best Director" prize as well. FTP, identify this German director of Dramas and Documentaries, including "Faraway, So Close", and "Notebook on Cities and Clothes."

Answer: Wim Wenders

Bonus: Now name these Wenders works from descriptions, FTPE.

A. Solveig Dommartin gets into a car accident with a gang of bank robbers, and ends up helping them. William Hurt is a man on the run from the CIA, who are after a machine that records people's dreams. It was shot on five continents, and its soundtrack is a who's who of innovative musicians since the 70s, featuring Nick Cave, Talking Heads, Lou Reed, REM, and the U2 title track.

Answer: Until the End of the World or Bis ans Ende der Welt

B. This documentary focuses on aging Cuban musicians, brought together by Ry Cooder to record an album. Needless to say, its soundtrack is nearly as interesting as the film itself.

Answer: Buena Vista Social Club

C. It focuses on two angels roaming the Earth, but you'll find little resemblance to Dogma. One of the characters seeks to become human in order to be with a circus acrobat with whom he falls in love. This is the film that won Wenders the best director award at Cannes.

Answer: Wings of Desire or Himmel uber Berlin

MISCELLANEOUS - CURRENT EVENTS

19. Tossup: Produced by Joel Gallen, it was first planned only four days before it actually aired. It was filmed at two main locations - CBS' Television City in Los Angeles and a Sony stage in New York. 89 million Americans saw at least part of this event, which was shown in over 200 countries, broadcast on the Internet, on 8000 radio stations, and almost all the TV Networks. FTP, name this telethon which raised over \$150 million for the September 11 Telethon Fund.

Answer: America: A Tribute to Heroes

Bonus: America: A Tribute to Heroes featured numerous musical performances. Given the song performed live on the telethon, name the artist who performed it, FTPE.

A. "My City Of Ruins"

Answer: Bruce Springsteen

B. "Bridge Over Troubled Water"

Answer: Paul Simon

C. "Hero"

Answer: Mariah Carey

MISCELLANEOUS - FRINGE CULTURE

20. Tossup: This venerable series, whose original game was released as a gold-colored cartridge in 1986 amidst an advertising blitz complete with ads featuring white kids rapping to laud its graphics, has two new installments pending for the Game Boy Advance. The series' hero appears alongside Mario and Pikachu in Super Smash Brothers, although one of the two Nintendo 64 titles he has all to himself is the fastest-selling game of all time. For ten points, name the series of Nintendo adventure videogames whose hero, Link, will have appeared in nine Nintendo titles when "Oracle of Seasons" and "Oracle of Ages" are released this year.

Answer: The Legend of Zelda

Bonus:

Strike with your MasterSword of knowledge by answering each of the following related to the Legend of Zelda for the stated number of points.

A-5. To complete his most of his quests, Link must both rescue Princess Zelda from whatever peril she's managed to land herself in and recover this triangular religious object.

Answer: The Triforce

B-10. Zelda is the Princess of this kingdom that also serves as the home to Link and setting of all Legend of Zelda games excepting "Link's Awakening" and "Majora's Mask."

Answer: Hyrule (HIGH-rule)

C-(15,5 for each correct) The three smaller Triforces that make-up the Triforce are the embodiments of these three principles upon which the world of Hyrule was created.

Answers: Courage, Power, and Wisdom

EXTRAS

Tossup: He is an old man, almost ninety, tall and erect, with a withered face and sunken eyes, in which there is still a gleam of light. The power he wields is evidenced when none will lift a hand to prevent his apprehension of a compassionate healer on the streets of Seville. Inside a prison cell, he first asks the healer whether he is truly himself. Upon receiving no response, he proceeds to scold the healer for returning after fifteen centuries and attempting to add to what has already been said. He castigates the healer for refusing the three temptations and for giving the people freedom, and he finally exclaims that the healer will burn. Yet after a long pause he kisses the healer on the lips, lets him out into a dark alley, and tells him never to come back again. FTP name this title figure of an allegorical poem by Ivan Karamazov.

Answer: The Grand Inquisitor

Tossup: His accomplishments include the seduction of numerous women and impressive expertise on the dance floor, but he is probably better known for his work in linguistic analysis. He wrote autobiographies entitled Parts of My Life and More of My Life, as well as a collection of essays, Philosophy in the Twentieth Century. Perhaps his finest book is The Problem of Knowledge, but he is still better known for a work finished when he was only 26 years old. FTP, name this British author of the most prominent logical-positivist work in English, Language, Truth, and Logic.

Answer: AJ Ayer

Bonus: Give the following linguistic terms FTPE.

A. In this figure of speech, a term is used to represent something to which it is closely associated, such as when "crown" is used to refer to a monarch.

Answer: Metonymy

B. In this related construct, a part of something is used to refer to the whole, such as "a nice set of wheels" in reference to the entire car.

ANSWER: Synecdoche

C. This literary device is characterized by two parallel clauses, the order of terms in the first being reversed in the second. Examples include "Never let a kiss fool you, or a fool kiss you" and "Pleasure's a sin, and sometimes sin's a pleasure."

Answer: Chiasmus

SCIENCE - BIOLOGY

Tossup: Citric acid, isocitric acid, alpha-ketoglutaric acid, succinoyl coA, succinic acid, fumaric acid, malic acid, oxaloacetic acid, and then back to the starting point, acetyl coA. FTP, these are some of the substances involved in this chemical cycle, that occurs in the mitochondria?

Answer: The Krebs or tricarboxylic acid cycle (prompt on citric acid cycle)

Bonus: FTSNOP, answer some more questions about cellular respiration.

A-5. Cellular respiration starts with this process, which converts glucose into pyruvic acid, netting 2 ATP.

Answer: Glycolysis

B-10. Cellular respiration ends here, with the movement of electrons utilized to create a proton gradient the powers the formation of ATP. Water is the final electron acceptor in this process.

Answer: Electron Transport Chain, or Oxidative Phosphorylation

C-15. A compound usually referred to as NAD⁺ is the primary electron acceptor in the reactions taking place in the Krebs cycle. Give the full name of this compound.

Answer: Nicotinamide Adenine Dinucleotide

SOC. SCIENCE - ECONOMY/BUSINESS

Tossup: Like his friend Thomas Malthus, he was fairly pessimistic about the long-term prognosis for society, fearing that increasing population would lead to a shortage of productive land. His theory of rent is based on the relative land productivity, and another theory of his provided rationale for the repeal of Britain's Corn Law in 1846. FTP name this economist who argued that profits vary inversely with wages and that high wages encourage capital-intensive production in his work *On the Principles of Political Economy and Taxation*.

Answer: David Ricardo

Bonus: Identify the following curves from Economics FTPE:

A. The effect of this curve shows that in the short term, devaluation is likely to lead to deterioration in the current account position before it starts to improve, and in the longer term, the competitive benefits of devaluation may be eroded by cost-push inflation.

Answer: J curve

B. This curve shows that at low levels of taxation, tax revenues will increase if tax rates are increased; however, if tax rates are too high, then a further rise in rates will reduce total tax revenues because of the disincentive effects of the increase in tax.

Answer: Laffer curve

C. This curve shows the relationship between the change in money wages (and therefore inflation) and unemployment. High unemployment is associated with a low rate of change of money wages.

Answer: Phillips curve

HUMANITIES - ART/ARCHITECTURE

Tossup: Although the members of this school were only loosely affiliated, they exhibited together at the MacBeth Gallery in 1908. Their focus was on everyday life, particularly that of the working poor. They drew critical disdain for works depicting New York City street life, loose women, boxing matches, and bars. FTP, identify this group, probably the most influential American painters of the early 20th Century, who took names both from their number, and from their gritty subject matter.

Answer: The Eight, or The Ashcan School, or the New York Realists

Bonus: Identify the following things to do with the Ashcan School, FTPE.

A. This man was the leader of the school, and the teacher of 4 of the other seven members. His paintings include numerous portraits of women and boats at sea.

Answer: Robert Henri

B. This 1913 modern art exhibition was organized by the Eight in New York. Named for the building in which it was held, it marked the first opportunity for a number of Americans to see what was being painted in Europe at the time.

Answer: The Armory Show

C. The Eight later expanded to ten, as they came to be associated with two more artists, who remain more well known than many of the original MacBeth exhibitors. One is known for boxing scenes like "Stag at Sharkeys," the other for clowns and circus folk. Identify either of the two for ten points.

Answer: George Wesley Bellows or Walt Kuhn

HUMANITIES - PHILOSOPHY/THEOLOGY/EDUCATION

Tossup: By the age of 17, this man had completed thorough studies in Greek philosophy and literature, chemistry, botany, psychology, and law. Five years later, he suffered a nervous breakdown. However, this man was able to recover from that setback and write some famous works of moral philosophy and political economy. FTP, name this Brit, the author of such works as *On Liberty* and *Utilitarianism*.

Answer: John Stuart Mill

Bonus: Name these Mill contemporaries FTPE.

A. This man was the actual inventor of utilitarianism. John Stuart Mill's father introduced this man to him. Famous works include *Introduction to the Principles of Morals and Legislation*.

Answer:: Jeremy Bentham

B. This German philosopher wrote *Prolegomena to Any Future Metaphysics*, *Metaphysical Rudiments of Natural Philosophy*, *Critique of Judgment*, and *Religion Within the Boundaries of Pure Reason*, but is most famous for his *Critique of Pure Reason*.

Answer:: Immanuel Kant

C. This philosopher, also a German, wrote such works as *The Science of Knowledge*, *The Science of Rights*, *The Science of Ethics as Based on the Science of Knowledge*, and *The Vocation of Man*

Answer: Johann Gottlieb Fichte

MISCELLANEOUS - SPORTS/GAMES

Tossup: He was replaced September third by Ralph Treuel, although the team claimed he never actually held the job everybody thought he did, anyway. His pitchers gave up just 6 runs in a three game sweep by the Yankees, but that wasn't enough to keep him from getting fired by Dan Duquette. FTP, name this reputed drunk and former Boston Red Sox pitching coach.

Answer: John Cumberland

Bonus: Ahh, the Red Sox, America's most messed sports franchise. Answer these questions about players involved FTPE, or FFPE if you need their position.

A-10. He's probably as crazy and stupid as baseball players come. He's also disliked by almost everybody. Most recently, he was suspended 4 games after showing up late for a workout and arguing with his manager, just one in a long line of run-ins he's had.

A-5. Centerfield

Answer: Carl Everett

B-10. This superstar was accused of "lying" by Dan Duquette when he claimed he felt pain in his shoulder. Soon after, he was officially shut down for the season.

B-5. Pitcher

Answer: Pedro Martinez

C-10. This player was quoted as saying "This is why nobody wants to play here" after the firing of Cumberland

C-5. Shortstop

Answer: Nomar Garcipara