

2000 Michigan MLK Memorial

Questions from Came East

(Ken Jennings, Jeremy Horwitz, Earl Cahill, and maybe one more)

TOSSUPS

1.

Aside from launching a singing career in 1996, he and Ted Kennedy, despite political differences, have co-authored bipartisan legislation on children's health care and religious freedom; he also heads the Senate Judiciary Committee. For 10 points, name this long-shot presidential hopeful, the senior senator from Utah.

Answer: Senator Orrin Hatch

2.

The Napoleonic Wars ended in 1814 and 1815. The Spanish-American War ended in 1898. The Crimean War ended in 1856. The French and Indian War ended in 1763. The U.S. Revolutionary War ended in 1783. FTP, all these wars were ended by treaties each known as what?

Answer: Treaty of Paris

3.

When grown-ups were asked if his masterpiece frightened them, they responded "why should anyone be frightened by a hat?" During his journeys, he met a shipwrecked sailor that asked him to draw a sheep, a king seated on a throne and a conceited individual. He was from B-612, an asteroid that had only been seen by a Turkish astronomer. FTP, name this boy, who travels the skies, the title character of a work by Antoine de Saint-Exupéry.

Answer: The Little Prince accept (Le Petit Prince)

4.

Concerning this doctrine, the council of Trent declares that it remains in those that are baptized in order that they may struggle for the victory, but does no harm to those who resist it by the grace of God, and that it is called sin by St. Paul, not because it is sin formally and in the proper sense, but because it sprang from sin and incites to sin. FTP, name the doctrine, defined as the inclination to sin arising from the disobedience of Adam and Eve.

Answer: concupiscence

5.

In 1937's *The Ego and Mechanisms of Defense*, this Vienna-born scientist suggested that the principle human defense mechanism is repression. Working with Dorothy Burlingham, they published such treatises as *Infants without Families* and *War and Children*. After founding the Hampstead Child Therapy Course and Clinic in London in 1947, she served as its director from 1952 until her 1982 death. FTP, who is this psychoanalyst?

Answer: Anna Freud

6.

A grandfather of Olivia Newton-John, his first professorship at Göttingen led to a mathematical description of the first law of thermodynamics. Along with Werner Heisenberg, he began to develop the matrix model to describe quantum theory. This scientist was the first to show that the solution of Schrödinger's equation has a statistical meaning of physical significance. FTP, name this man, who shared a Nobel Prize in Physics with Walther Bothe in 1954.

Answer: Max Born

7.

Painted in September 1905, this canvas is an impressionistic view of the artist's young wife, Amélie Parayre. The artist had spent the summer hanging out with André Derain in Collioure studying the effect of complimentary colors to represent emotion. After "Open Window," he painted this work, which can be

seen today in San Francisco's Museum of Modern Art. FTP, name this early Fauvist work of Henri Matisse.

Answer: La Femme au Chapeau (accept "The Woman with the Hat")

8.

Socialist leader Laurent Gbagbo and former Prime Minister Alassane Ouattara, who represents the "Rally of the Republicans" party, will likely face off in this nation's upcoming presidential election. This election was declared by military ruler General Robert Guei, who seized power on Christmas Eve from the nation's second president, Henri Konan Bedie. For 10 points, this describes the recent coup in what West African country, with capital at Abidjan?

Answer: Cote d'Ivoire or Ivory Coast

9.

In 1865, an English poet bought a small bound volume for one lira from a second-hand bookstall in Florence. The book turned out to be the proceedings of a 1698 murder trial in which Count Guido Franceschini was beheaded for the murder of his wife Pompilia, and the poet adapted it into 20,000 lines of blank verse. For 10 points, name this collection of 12 dramatic monologues, by Robert Browning.

Answer: The Ring and the Book (prompt on Robert Browning on early buzz)

10.

It was named in 1520 by Ferdinand Magellan, for the portable hearths he saw natives there using. Its two largest cities, both on the archipelago's "Isla Grande," are Ushuaia and Porvenir, which belong to two different countries, and it extends from Cape Espiritu Santo on the north to a more famous cape on the south. For 10 points, name the archipelago that forms the southernmost extremity of South America.

Answer: Tierra del Fuego

11.

While working for Napoleon, he solved problems that stumped Lagrange and Fermat. In algebra, he showed that, for every p dividing the order of a group, there is an element of that order. Although his work on the properties of the ether should probably be ignored, his work in hydrodynamics was of the utmost importance to the field. FTP, identify this man, whose *Cours d'analyse* made him the father of complex analysis.

Answer: Baron Augustin-Louis Cauchy

12.

He's currently directing a comedy about a widow's post-traumatic obsession with a soap star entitled *Nurse Betty*. It's his third movie direction, and the first that he didn't write. His *Bash*, starring Calista Flockhart, Ron Eldard, and Paul Rudd, fared well this summer on Broadway. FTP, name this BYU graduate, the seemingly misogynist director of *Your Friend and Neighbors* and *In the Company of Men*.

Answer: Neil LaBute

13.

From 1908 to 1909, he was a U.S. consul in Venezuela and Nicaragua, and there he wrote his only novel, an autobiographical meditation on the black experience. This Renaissance man was a Florida attorney, a popular vaudeville composer, and a principal of an elementary school, for whose 1900 graduation he composed "Lift Every Voice and Sing." FTP, name this poet and author of *God's Trombones* and *The Autobiography of an Ex-Colored Man*.

Answer: James Weldon Johnson

14.

The winner in 1930 was designed by William van Alen and is still in New York City. In 1931, a new winner was crowned--again in NYC--this time created by H. G. Balcom. Manhattan retained the title until 1973, when Fazlur Kahn designed Chicago's last winner--it even appeared in *Ferris Bueller's Day Off*. FTP, what is this record, still held by the 1996 Cesar-Pellii designed winner, the Petronas Towers?

Answer: world's tallest traditional building (accept equivalents)

15.

His not so extensive library includes *Dog Island*; *Really, Really, Big Trains*, *Red's Dream*, *Knickknack* and *Let's Go Bye-Bye*. Nothing is known of his father, but he lives with his mother, last name Davis, a little sister and he used to have a neighbor named Sid. FTP, name this little boy who enjoys cowboy camp, and who's name appears on the shoes of several of his toys, including Jessie, Bo Peep, Buzz Lightyear, and Woody.

Answer: Andy

16.

The name's the same. One is a fictional American husband who dies of typhoid in Morocco after 12 years of rootless wandering. The other is the world capital named in 1873 for a British admiral and located on the Gulf of Papua. For 10 points, give the name shared by the protagonist of Paul Bowles' "The Sheltering Sky" and the capital of Papua New Guinea.

Answer: Port Moresby

17.

In the upper right, a woman holding a lamp in her right hand comes sweeping down from a window. An eye-shaped light fixture sits above a horse that is trampling a man holding a broken sword. Other deaths include a mother holding her dead baby at left and a man burning to death at right. For 10 points, these figures, comprise what 1937 Picasso mural commemorating a famous bombing?

Answer: Guernica

18.

His early work penned under the name Achille was permeated by the imagery of the clown characters from the commedia dell'arte. In 1900, his publisher and patron Georges Hartmann died suddenly and against the artist's wishes, Hartmann's son insisted on the publication of the artist's *Suite Bergamasque*. FTP, name this composer who's *Suite Bergamasque* includes a Prelude, Menuet, Passepied and Clair de Lune.

Answer: Claude Debussy

19.

With the exception of hydrocarbons, ethers, and tertiary amines, these substances react with almost all organic compounds. These objects are commonly prepared by the reaction of an organic halide, in a nitrogen atmosphere, with magnesium. FTP, name these substances, named for a co-recipient of the 1912 Nobel Prize for Chemistry.

Answer: Grignard [pron: GRIN-yard] reagents

21.

First and last name required. One is a divorced tourism worker who happens to be from Cuba. He claims that his son was kidnapped and should be returned to Cuba. The second hit .326 with 128 RBI's and 39 home runs in the 1999 campaign for the Texas Rangers. FTP, name either the father of Elian, or the new right fielder for the Detroit Tigers.

Answer: Juan Gonzalez

22.

In later novels, he is *Under Ground*, *Under Water*, and "Followed" by a "Boy," the wealthy Frank Pierson. However, in his 1955 debut, he is just a small-time IRS scammer until Herbert Greenleaf hires him to bring his wayward son Dickie back from Italy. For 10 points, name the protagonist of five novels by Patricia Highsmith, a sociopathic but "talented" killer.

Answer: Mr. Thomas "Tom" Ripley

23.

Although the primary example in the late 1980s was in advanced washing machines, this can now be found used in speech and handwriting recognition software as well as expert systems. Essentially the rudimentary version of artificial intelligence, this concept essentially takes set membership from a yes-no

question to a continuum of values from 0 to 1. FTP, name this type of logic, invented by Berkeley professor Lofti Zadeh.

Answer: fuzzy logic

24.

He was a merchant captain with the British East India Company, and for a time served as governor of St. Helena. But he is best known for a speech made on March 17, 1738 before the House of Commons, when he described an attack by the Spanish coast guard and said, "I committed my soul to God and my cause to the country." For 10 points name the man who precipitated a 1739 war by alleging an amputated ear.

Answer: Captain Robert Jenkins

25.

His people called him "Setsen," meaning "Wise One," and he took the throne in 1264 after a four-year war with his younger brother Arigboge. His reign included the conquering of Annam and Burma, the issuance of paper money, and the building of a famously luxurious summer residence at "Shang-Tu." For 10 points, name the Mongol ruler visited in 1274 by Marco Polo, the grandson of Genghis.

Answer: Kublai Khan

26.

Because her talents and good name gave Paganism a dangerous prestige, she was dragged from her chariot into a church, stripped naked and had her skin scraped to the bone with oyster shells, apparently at the order of Cyril. To reward this philosopher's ability, she was given a laurel wreath by the University of Athens, which was conferred on only the foremost of pupils. FTP, name this woman, the most famous female philosopher and mathematician from antiquity.

Answer: Hypatia

27.

When given his first multiple-choice test, he circled all the answers since they all seemed partially correct. The Navy thought he was cheating and put him in the juvenile delinquent track. While teaching at Stanford, he designed the geometry engine. FTP, name this man, the only ever to found three billion dollar companies, who with his geometry engine founded Silicon Graphics, myCFO, Healtheon, and Netscape.

Answer: Jim Clark

28.

He said that he entered Clongowes Wood College at age half-past-six. While at Jesuit-run University College, he learned Norwegian to read Ibsen, and his first publication was on Ibsen's *When We Dead Awaken*. One of his auto-biographical characters chose "silence, exile, and cunning" in order to free himself from "nationalism, language, religion." FTP, name this author who's Stephen Dedalus appears as both hero and anti-hero in the author's *Portrait of the Artist of a Young Man*.

Answer: James Joyce

29.

Tukey's Finite Character Principle and the Trichotomy of Cardinals are two less-used examples. Tychonov's Product Theorem and that any product of T1 compact topological spaces is compact are often used. FTP, the best-known examples of what are the principle that every vector space has a basis, the Well-Ordering Principle, and Zorn's Lemma?

Answer: equivalents of the axiom of choice

30.

Originally developed in a prototype relational database management system, System R, the original was described in the November 1976 IBM Journal of R&D. In 1979, Oracle Corporation introduced the first commercially available implementation of this language. FTP, name the language, accepted today as the industry standard database access language.

Answer: Structured Query Language (accept sequel)

Bonuses

1.

Given a description of the U.S. vice-president who couldn't make that final step, name the man.

- (5) Carter's VP, his choice of Geraldine Ferraro as a running mate didn't help him secure the 1984 presidency.

Answer: Walter Frederick Mondale

- (10) While Coolidge's vice-president, he won the 1925 Nobel Peace Prize for helping restructure Germany's reparations after the collapse of their economy.

Answer: Charles Gates Dawes

- (15) Buchanan's pro-slavery vice-president became the Presidential nominee for the pro-slavery wing when the Dems split before the 1860 election. He went on to help form the abortive Confederate government of Kentucky.

Answer: John Cabell Breckinridge

2.

Answer the following questions about a modern "sport."

- (10) Developed in the mid-1920s, this improvement to auction bridge added the concept of vulnerability.

Answer: contract bridge

- (10) Who developed contract bridge?

Answer: Harold S. Vanderbilt

- (10) For your final ten points, name the Pennsylvania lawyer who invented the point-count bidding system in the 1930's.

Answer: Charles Henry Goren

3.

FTPE, given a description, name the science.

- (10) The branch of biology dealing with the structure, function, multiplication, pathology, and life history of cells.

Answer: cytology

- (10) The branch of theology concerned with the final events in the history of the world or of mankind.

Answer: eschatology

- (10) The science and practice of fruit growing.

Answer: pomology

4.

Answer the following questions about the new glut of Orlando-based teen-pop music:

- (10) First, the five Backstreet Boys are magically transported to a room with four doors. Each enters a door into a room with a lion. What mathematical principle guarantees that at least one lion gets the honor of destroying at least two Backstreet Boys?

Answer: the pigeonhole principle

- (10) To raise the water level of Lake Michigan, so we drown 'N Sync with cement shoes. According to Archimedes's principle, the amount of water displaced is equal to what (in terms of the properties of the members of 'N Sync)?

Answer: the volume of the members of 'N Sync (accept equivalents)

- (10) While visiting Australia, Britney Spears notices water in a sink spins clockwise. The force that she thinks she is seeing is merely an apparent deflection of the path of an object that moves within a rotating co-ordinate system. After what Frenchman is this force named?

Answer: Gustave-Gaspard Coriolis

5.

Name these movies directed by Francois Truffaut, for 10 points each.

- (10) His 1959 debut, this autobiographical account of a troubled French school boy introduced Truffaut's alter ego character, Antoine Doinel.

Answer: The 400 Blows or Les quatre cents coups

- (10) Truffaut's only English-language film was this 1966 science fiction adaptation, featuring Oscar Werner as Montag and Julie Christie in a double role.

Answer: Fahrenheit 451

- (10) This 1973 movie about moviemaking is named for the color filter used on camera lenses to darken an outdoor shot.

Answer: Day for Night or La nuit Americaine

6.

Identify the work of children's literature, given a quote FTP each.

- (10) "Because nobody cared, the city slowly began to disappear. Day by day, the buildings grew fainter and fainter, and the streets faded away, until at last it was entirely invisible. There was nothing to see at all."

Answer: The Phantom Tollbooth

- (10) Jamie added, 'You know you can't have your cake and take tours, too.' 'How about having tours and hot fudge sundaes, too?' Claudia asked.

Answer: From the Mixed up Files of Mrs. Basil E. Frankweiler

- (10) "Believe me, Winnie Foster," said Jesse, "it would be terrible for you if you drank any of this water. Just terrible. I can't let you."

Answer: Tuck Everlasting

8.

Name these Japanese authors for 15 points each:

- (15) Following his 1927 death from a pill overdose, his suicide note was published as "A Note to a Certain Old Friend." He is best known for the 1915 novella *Rashomon*, and for lending his name to Japan's highest literary award.

Answer: Ryunosuke Akutagawa

- (15) This 20th century novelist focused on sexuality and feminine beauty in works such as *Diary of a Mad Old Man* and *The Makioka Sisters*.

Answer: Junichiro Tanizaki

9.

Happy 250th death day J.S. Bach! Answer the following about the works of Bach 5-10-15.

- (5) Supposedly written to help its namesake sleep, this piece contains an aria, 30 variations, and a return of the aria. Glenn Gould is said to have breathed new life into this piece.

Answer: Goldberg Variations

- (5/5) Considered by many to be Bach's best work, movements in this work include kyrie, gloria, credo, sanctus and agnus dei. Five points for the name of the piece and five points for the key.

Answer: Mass in B Minor

- (15) Bach wrote three pieces in this form for solo violin and the six pieces Bach wrote in this form for solo piano make up the first book of the Klavierübung.

Answer: Partitas

11.

Answer the following questions about a 1358 peasant revolt, for 10 points each.

- (10) Name this French uprising, which began in Beauvais and took its name from a traditional pejorative term for the French peasantry.

Answer: Jacquerie

- (10) The Jacquerie was crushed by this king of Navarre, then captain general of Paris.

Answer: Charles II or Charles the Bad

- (10) The uprising was caused by the instability resulting from France's loss to Edward the Black Prince in this 1356 battle of the Hundred Years' War.

Answer: Poitiers

12.

Name these pioneers who influenced genetics FTPE.

- (10) This Massachusetts-born high-school-educated farm boy spent most of the late 1800s and early 1900s cross-breeding plants in Lancaster, MA and Santa Rosa, CA.

Answer: Luther Burbank

- (10) This man shared a 1962 Nobel Prize in Physiology or Medicine; his X-ray diffraction studies of DNA helped Watson and Crick immensely.

Answer: Maurice (Hugh Frederick) Wilkins

- (10) His experiments on *Drosophila* earned him a Nobel in 1933; thanks to his research, scientists understand that chromosomes are responsible for hereditary traits.

Answer: Thomas Hunt Morgan

13.

Answer the following questions for the stated number of points, on some recent changes among the NFL coaching ranks.

- (5) This man was fired as the coach of the New England Patriots.

Answer: Pete Carroll

- (15) Apparently the Patriots first choice for a replacement, this man released a statement saying that he was more interested in staying the Broncos offensive coordinator than switching to the Pats.

Answer: Gary Kubiak

- (10) Perhaps the shortest coaching tenure in NFL history, this man resigned one day after being given Parcells' job as head coach of the Jets.

Answer: Bill Belichick

14.

Answers the following questions about current events concerning Wall Street, 5-10-15 each.

- (5) David Boies has been getting rave reviews for his work in a recent anti-trust case involving this Redmond, Washington-based software company.

Answer: Microsoft

- (10) On the day that this internet pioneer reported earnings early and said that their fourth quarter sales exceeded \$650 million, topping the revenue it generated in all of last year, its stock fell nearly 13 percent.

Answer: Amazon.com

- (15) This world's largest telecommunications equipment maker, said it expects its first quarter profits to fall below Wall Street's expectations, for the first time since it was spun off from AT&T in 1996.

Answer: Lucent Technologies

15.

Answer these questions about places associated with South American liberator Simon Bolivar for 10 points each.

- (10) Bolivar's city of birth, this South American capital was the first city he helped proclaim its independence from Spain, in 1810.

Answer: Caracas

- (10) In 1813, Bolivar was defeated at Santa Maria and exiled to this island, from which he wrote his famous letter describing a unified South America.

Answer: Jamaica

- (10) In 1821 at Angostura, Bolivar proclaimed the creation of this new republic, comprising modern-day Panama, Colombia, Venezuela, and Ecuador.

Answer: the Republic of Gran Colombia

17.

Answer the following questions about *Mythology: Timeless Tales of Gods and Heroes*, FTP each.

- (10) This figure "had very little profit from his riches. The experience of possessing them lasted for less than a day and it threatened him with speedy death."

Answer: Midas

- (10) This figure "was deserted by his mother, brought up by shepherds and before he was full-grown torn to pieces by dogs. . . The Greek word allinon, meaning woe for this figure grew to mean no more than the English alas."

Answer: Linus

- (10) For a final, ten points who wrote the work that these quotes were taken from, *Mythology: Timeless Tales of Gods and Heroes*.

Answer: Edith Hamilton

18.

Name these literary characters that were challenged to duels, for 10 points each.

- (10) This stubborn Russian aristocrat kills his best friend, Vladimir Lensky, in a stupid fight over Vladimir's beloved neighbor, Olga Larin.

Answer: Eugene (or Yevgeny) Onegin

- (10) This Irish rogue, under his birth name of Redmond Barry, flees his home believing he has killed English captain John Quinn in a duel.

Answer: Barry Lyndon

- (10) He is challenged to a duel by Alberto Mondego, interrupting his plans for revenge on Danglars and Alberto's father Ferdinand, but the duel is cancelled when Mercedes intercedes.

Answer: Edmond Dantes or the Count of Monte Cristo

19.

Identify the legal terms FTP each.

- (10) Literally, "friend of the Court." A document of this type is an appellate brief prepared and submitted by a non-party with the court's permission.

Answer: Amicus Curiae

- (10) The doctrine that decisions should stand as precedents for guidance in future cases.

Answer: stare decisis

- (10) A writ issued by a superior to an inferior court, requiring the return of the record and proceedings for review.

Answer: Certiorari

20.

Name these European gulfs for 10 points each.

- (10) This wide extension of the Atlantic alongside southwest Iberia, from Cape Saint Vincent to Gibraltar, is named for the largest city on that coast.

Answer: the Gulf of Cadiz

- (10) This northern arm of the Baltic Sea separates Sweden and Finland.

Answer: the Gulf of Bothnia

- (10) The Rhone flows into this gulf off southeastern France, which extends from the Pyrenees to Toulon.

Answer: the Gulf of Lions or Lion

21.

For 10 points each, which river forms most of the boundary between each pair of states?

- (10) Indiana and Illinois

Answer: the Wabash River

- (10) Georgia and South Carolina

Answer: the Savannah River

- (10) Arizona and California

Answer: the Colorado River

22.

Given a term from sociology and the work it originally appeared in, name the author.

- (10) Hierarchy of needs, *Motivation and Personality* (1954)

Answer: Abraham Harold Maslow

- (10) Conspicuous consumption, *The Protestant Ethic and the Spirit of Capitalism* (1930)

Answer: Max Weber

(10) The eternal feminine, *The Second Sex* (1949)

Answer: Simone (Lucie-Ernestine-Marie-Bertrand) de Beauvoir

23.

Answer the following about literary works, given part of the Amazon plot summary for 15, or another clue for 5.

(15) The story of Etsuko, a Japanese woman now living alone in England, dwelling on the recent suicide of her daughter.

(5) It could be that I got this recommendation buying Kazuo Ishiguro's *Remains of the Day*.

Answer: A Pale View of Hills

(15) This work tells the story of the entanglement of four damaged lives in an Italian monastery as World War II ends. Hana; Caravaggio; and Kip

(5) Maybe Amazon knows how much I like the movie starring Ralph Fiennes as the fourth monastery resident and Kristen Scott Thomas.

Answer: The English Patient

24.

For five each, given the year, name the French king whom left the throne that year, along with the name of the dynasty that, thus, ended.

(10) 987

Answer: Carolingian dynasty; Hugh the Great

(10) 1328

Answer: Capetian dynasty; King Philip III

(10) 1589

Answer: Valois dynasty; Henry III

25.

Answer the following questions about a "science" in quotes from long ago, 5-10-15.

(5) This pseudo-science is described as a medieval chemical philosophy having as its asserted aims the transmutation of base metals into gold.

Answer: alchemy

(10) Living from 979 to 1037, this Persian thinker was the most important physician between the time of the Roman Empire and that of the rise of modern science.

Answer: Avicenna or Ibn-Sina

(15) Concerning the etymology of the word alchemy, it is possible that alchemy may be derived from this Egyptian word, that is to say 'the preparation of the black ore', or 'powder', which was regarded as the active principle in the transmutation of metals.

Answer: khemeia

26.

For the stated number of points, name the original lead singers of a band given the band's name and a single featuring that singer.

(15) Mr. Mister's bassist and lead singer from Broken Wings

Answer: Richard Page

(10) Harold Melvin and the Blue Notes, *If You Don't Know Me by Now*

Answer: Teddy Pendergrass

(5) J. Geils Band, Centerfold

Answer: Peter Wolf (also accept Peter Blankfeld)