Stanford Cardinal Classic

Questions by BYU A

(Earl Cahill, Ken Jennings, Dave Sims, Dan Eastmond)

Toss-ups

1. Here coal am money and tragedy makes one giggle. If Cindy Crawford visited here, she would have to hide her face in shame, rather than have the land's residents, upon seeing her, retch up their lunch of rotten meat, a certain delicacy for them. To not receive ten points, do not give the name of this square planet which am the mirror-opposite realm featured not in Superman.

ANSWER: BIZARRO WORLD (accept BIZARRO LAND)

2. Atoms in solids vibrate due to short sound waves of frequency nu, expressed in vibrations per second. These vibrations can be considered to behave in a particulate manner as well, and thus the energy of each wave is bunched into certain discrete quanta, where the energy of each one is given by h \* nu, where h is Planck's constant. FTP give the name of this quantum unit of vibrational energy, equivalent to the photon of light energy.

ANSWER: phonon

3. He started his college career at Long Beach State then transferred to Georgia. He has claimed the AFC rushing title and was named the AP NFL offensive player of the year and the UPI NFL player of the year in 1997. FTP name this player who recently went to Disneyland after being named the MVP of Super Bowl XXXII, while playing for the Denver Broncos.

ANSWER: Terrell DAVIS

4. The title character does not appear until halfway through the novel. Black is a repeated theme,

probably because the Russian word for black sounds much like the Russian for devil. Unfinished by the author, it tells the story of Bezdomny, a young author, and his search for redemption against the backdrop of an atheistic Moscow that must confront the reality of the devil, and the Jerusalem of the crucifixion. FTP, name this final novel of Mikhail Bulgakov.

ANSWER: THE MASTER AND MARGARITA

5. As a member of the French officer corps he was wounded at Verdun in 1916 and served as an adviser to the Poles during their 1921 defeat of the Red Army. He was fascinated by cavalry tactics and believed that tanks could be used in massed charges to revolutionize warfare. Unfortunately the French army did not follow his advice and he lived to see the Germans use his ideas to conquer France in 1940. FTP, name this man who fought on for France and eventually became the first President of her Fifth Republic.

ANSWER: Charles DEGAULLE

6. After this player, Wilt Chamberlain's record of career points was pushed to third in Southeastern Pennsylvania history. In high school he led Lower Merion to a 77-13 record and a state title. FTP name this player, drafted by the Charlotte Hornets and then traded for Vlade Divac, who despite an 1110 on the SAT bypassed college, recently becoming the youngest All-Star starter in NBA history.

ANSWER: Kobe BRYANT

7. On October 31, 1997, its parliament at Charlestown voted to secede from the federation with

its northern neighbor, authorizing a local referendum to be held in mid-1998. With a present population of only 9,000, it was the birthplace of Alexander Hamilton and site of the marriage of Horatio Nelson. FTP, name this island, which hopes to become the world's newest republic by severing ties with St. Kitts.

ANSWER: NEVIS

8. The Canadians in Italy, Herodotus's Histories, and Unexploded Bomb are all cited by the author as sources for this work. Although the title character is not Canadian, he is cared for by Hana, a Canadian nurse, who eventually helps him OD. FTP name this work, whose title character's real name is Count Laszlo Almasy.

ANSWER: THE ENGLISH PATIENT

9. Einstein wrote a paper with Ernst Strauss, who wrote a paper with this mathematician so that makes Einstein's number 2. The number of people with number 2 or less is estimated to be over 4750. FTP, name this Hungarian, called the Euler of our time and founder of discrete mathematics, who never "died," but "left" in 1996.

ANSWER: Paul ERDOS (ER dish)

10. Charlotte Bartlett receives it a bit grudgingly. Cecil Vyse probably doesn't understand why anyone would want it. Mr. Emerson is perhaps too simple to understand, but his son George is only too happy to give it up for hopes of love from Lucy Honeychurch, who is just happy to finally have it. FTP, name this title object, that brings these characters together, the subject of a book by E.M. Forster.

ANSWER: A ROOM WITH A VIEW

11. Three airmen said they saw Michael Joseph Blassie's ID card with the remains after his plane

was shot down in 1972, but the Pentagon destroyed all the records relating to the selection process when they buried him in 1984, so it is impossible to be sure. Now Blassie's family wants to open a new investigation, which may lead to exhumation and DNA testing to determine the real identity of, FTP, what Arlington National Cemetery honoree?

ANSWER: the Unknown Soldier for Vietnam (accept Tomb of the Unknowns on early buzz)

12. In 1957, French inventor Arthur Granjean coated a sheet of glass with aluminum powder and tiny plastic beads. The rest is history: Granjean's product was a hit at the 1959 Nuremberg Toy

Fair, and since then Ohio Art has sold 100 million of them in 70 countries. FTP name this childhood favorite, a 9 1/2-inch red

rectangle with a drawing stylus controlled by two white knobs.

ANSWER: Etch-a-Sketch\_

13. In Indonesia, a giant snake was responsible; in South America a jaguar. Early Germanic tribes blamed them on packs of coyotes. The Tahitians thought their two principal deities were getting it on, if you know what I mean. The Chinese thought an invisible dragon was devouring the sun, and in 2134 BC, two royal advisors were executed for not sounding the warning alarm in time. FTP name these astronomical phenomena which occur about 66 times a century.

ANSWER: solar \_eclipses\_

14. He headed the Lane seminary in Cincinati, and coordinated antislavery efforts aimed at those he believed opposed God, slave owners. He did, however, break with common religious practice by allowing the novels of Walter Scott and the poetry of Lord Byron to be read in his home, and encouraging his daughter in her writing career. For ten points name this religious leader, better known as the father of Harriet, who wrote Uncle Tom's Cabin.

ANSWER: Lyman BEECHER

15. Its terrible secret results in the deaths of William Simonson, historian Sol Roth, and NYPD

Detective Thorn, but in the novel in which it first appeared, Harry Harrison's \_Make Room! Make Room\_, it is just an innocent concoction of legumes. It is only in the 1973 film adaptation in which it has a more sinister ingredient. FTP name the type of synthetic wafer that Charlton Heston discovered "IS PEOPLE!" ANSWER: Soylent Green

16. They were named by American pathologists Karl Landsteiner and Alexander Solomon in 1937, and refer to the 30 or so agglutinogens that are found on the surface of red blood cells. They produce antibodies that will destroy blood cells and cause erythroblastosis fetalis in subsequent children after a mother's first exposure. FTP, name these substances for which pregnant women are tested and may receive injections of Rhogam.

ANSWER: Rhesus Factor

17. He is the only American singled out for praise in Mein Kampf, and on his 75th birthday he was awarded the Supreme Order of the German Eagle, Nazi Germany's highest honor for a foreigner. This was mainly for the anti-Semitic essays he printed in his newspaper, the Dearborn Independent, making his corporation's 1997 sponsorship of the network TV debut of Schindler's List somewhat ironic. FTP name this legendary American automotive industrialist.

ANSWER: Henry Ford I

18. They live in the east, between the Shifting Sands and the land of the Quadlings. They dress in blue, their favorite color, and often wear distinctive peaked hats decorated with golden bells. They are also known for their less-effective scarecrows and for their celebration when a house fell on their evil ruler, the Wicked Witch of the East. FTP name these people from the Wizard of Oz.

ANS: Munchkins

19. Brahms's interest in this woman is some of the evidence that he may not have been gay. Providing perhaps one of the two tokens required for half a roundtrip on the subway, this female "composer" wrote only 66 pieces, which were recently all

performed to commemorate the one hundredth anniversary of her death in 1996. FTP, name this woman, primarily a performer, daughter of piano teacher Wieck, who later married the composer Robert Schumann.

ANSWER: CLARA SCHUMANN or CLARA WIECK

20. This city on the Swan River was planned as Australia's first non-convict colony and came close to seceding from the federation in the 1930's. A westerly summer wind known as The Doctor contributes to its fame as the continent's Windy City, as it brings cool air ashore from the Indian Ocean. FTP, name this fourth largest city of Australia and capital of its largest state.

ANSWER: PERTH

21. Segmental, equilateral, ogee, tudor, pointed trefoil, and semi-circular are all types of this architectural construction. Spanish architects occasionally joined three at a single base at intersecting corridors. FTP, name this gravity-defying device which graces the logo of the St. Louis Rams and the license plate of the State of Utah.

ANSWER: ARCH

22. The painter placed himself at the left wearing a top-hat, even though Alexander Dumas said his participation in the days' events was "mainly of a sentimental nature." It is also called "The 28th of July," the day that the barricades arose and put Louis-Philippe, who later bought the painting, on the French throne. The famous title character stands at center, wearing a Phrygian cap and holding a musket and a tricolor. FTP name the 1830 masterpiece of Eugene Delacroix.

ANSWER: Liberty Leading the People\_ (or Liberty Guiding the People or La Liberte Guidant le

Peuple, but come on)

23. Although he is known for his milk-processing inventions, this Idahoan is better known for beating Vladimir Zworkin of RCA to the punch and patenting the television. FTP, name him.

ANSWER: Philo T. FARNSWORTH

24. Born in Zurich in 1884, he considered becoming a painter like his father before settling on psychology. His most famous idea was the cornerstone of his unsuccessful 1921 book Psychodiagnostik, which borrowed from work by Leonardo da Vinci and Justinus Kerner. Only decades after his death did the test he developed begin to catch on. FTP name this inventor of the famous inkblot test.

ANSWER: Hermann Rorschach

25. Klaipeda, Turku, Rostock, Gdansk, Kaliningrad, Riga, and Stockholm are all critical to the economies of northern Europe. Technically freshwater ports, they provide outlets to one of the least saline bodies of seawater in the world. FTP, name the sea they border, which separates Scandinavia from continental Europe.

ANSWER: BALTIC Sea

26. The Hudson Dog Track was losing money and Indian tribes were interested in using the land to build a casino. Republicans have asserted that promises of campaign contributions to the Democratic Party by Indian tribes opposed to the building of the casino may have played a part in the decision of this cabinet member. FTP name this man whom Janet Reno recently decided to appoint an independent prosecutor to investigate, secretary of the Interior.

ANSWER: Bruce BABBITT

27. Graduating from George Washington University Law School in 1917, he went to work for the Justice Department, monitoring the activities of radical foreigners in the U.S. Though he was the administrative brain behind the Red Scare raids at the end of the war, he emerged unscathed from the resulting scandal while most of his superiors were fired. FTP, name this man responsible for developing the ten most wanted list, the most famous cross-dressing head of the FBI.

ANSWER: J. Edgar HOOVER

28. Legend has it that Democritus saw this man, admired his poise and decided to instruct him.

He was the first of the traveling teachers that came to be known as Sophists. FTP, name this man, who is most famous for his claim that "of all things the measure is man."

ANSWER: PROTAGORAS

Bonuses

1. Identify the Kazuo Ishiguro works based on a published plot description, neither of which is

Remains of the Day, for fifteen points each.

(15) An artist who put his work in the service of the imperialist movement that led Japan into

World War II relives the passage in his personal history that makes him both a hero and a coward, and above all, a human being.

AN ARTIST OF THE FLOATING WORLD

(15) A Japanese woman now living alone in England after the recent suicide of her eldest

daughter is haunted by scenes of Japan's devastation in the wake of World War II

A PALE VIEW OF HILLS

2. Given the following prominent members of the House of Representatives, tell what state they represent, for 10 pts from just the first member or 5 pts if you need the second.

A.) (10 pts) Tom DeLay (5 pts) Dick Armey ANSWER: TEXAS B.) (10 pts) Ernest Istook (5 pts) J.C. Watts ANSWER: OKLAHOMA C. (10 pts) Ellen Tauscher (5 pts) Henry Waxman ANSWER: CALIFORNIA 3. FTPE, name the following poems from only their last word. 1. Outgrabe ANSWER: The \_Jabberwocky\_ 2. Symmetry ANSWER: The \_Tiger\_ 3. Shantih ANSWER: The Waste Land 4. This Bonus will test your knowledge of famous admirals of the Dutch Republic. Name each from a clue, 15 points for each correct answer. A. He is still a hero of Dutch folk stories. In 1628 he became the first man to ever capture the Spanish treasure fleet. ANSWER: piet HEYN

B. He first distinguished himself by commanding forays into Sweden in 1659. In a daring exploit he led the Dutch fleet up the Thames and Medway rivers in 1667, where he burned the English Navy at anchor and towed the helpless flagship The Royal Charles away as a prize.

ANSWER: Michael DE RUYTER

5. Answer the following question about the Keynesian IS-LM model for the stated number of points.

First, for five points each, what do the letters IS-LM stand for?

ans INVESTMENT, SAVING, LIQUIDITY, MONEY supply

Next, for five points, the IS curve represents all equilibrium outcomes in what market

ANSWER: the GOODS Market

Finally, for five points, the LM curve represents possible equilibrium outcomes in what market.

ANSWER: the MONEY market (accept ASSETS MARKET)

- 6. Identify the following parts of a sponge, FTPE.
- 1. Sponges produce these thin, spiny structures that make up their skeleton.

ANSWER: spicules

2. The flagella of these cells produce a current that pulls water through the sponge's pores into its central cavity.

ANSWER: collar cells

3. Water then exits the central cavity through this large hole.

ANSWER: osculum

- 7. FSNOP, answer the following about recent State Department travel advisories.
- A.) "No area of [this country] can be definitely characterized as always safe," warned the State Dept., after a January attack on a group of students from a Maryland college. FFTE, name the country in question and the college sponsoring the study-abroad program.

ANSWER: GUATEMALA and ST. MARY'S COLLEGE

B.) The same week it issued the Guatemala statement, the State Dept. relaxed its travel warning made in the wake of the November massacre of 58 tourists at an overseas archaeological site. FFPE, name the country and the site where the massacre took place.

ANSWER: LUXOR, EGYPT

8. Identify these Carpenters classics given the first line, for the stated number of points.
(5) "Why do birds suddenly appear every time you are near?"
ANSWER: (They Long to Be) _Close to You_
(10) "Long ago and, oh, so far away, I fell in love with you before the second show."
ANSWER: _Superstar_
(15) "Love, look at the two of us, strangers in many ways."
ANSWER: _For All We Know_
9. Identify the Platonic dialogues from first lines, and speaker, 5-10-15
5 Socrates speaking. "How you, O Athenians, have been affected by my accusers, I cannot tell."
APOLOGY
10 Socrates speaking. "Why have you come at this hour blank? It must be quite early?" The blank is the title character's name.
CRITO
15 Apollodorus speaking. "Concerning the things about which you ask to be informed I believe that I am not ill-prepared with an answer."
SYMPOSIUM
10. Name the Statesman 30-20-10
30. He was born in 1918 into the royal family of Qunu (Kwu-nu) and became a highly influential lawyer.
20. He was incarcerated for 27 years. First jailed at Robben Island he was moved when the government found him organizing a resistance army among the prisoners.
10. As President of his country he has moved to eliminate the last vestiges of apartheid and works for freedom for , "all African peoples."

ANSWER: NELSON MANDELA
11. Given a basketball team name the current coach 5-10-15
5 Purdue
Gene KEADY
10 North Carolina
Bill GUTHRIDGE
15 Hawaii
Riley WALLACE
12. Identify these units used to measure radiation, FTPE.
1. "Activity" is measured in terms of this unit, defined as 3.70 * 10^6 nuclear disintegrations per second.
ANSWER: _curie_
2. This unit measures the amount of radiation a certain material has received, and its defined as 10^-15 J/g released.
ANSWER: _rad_
3. This unit takes into account alpha radiation's greater ionizing power and measures the possible biological damage caused by different types of radiation.
ANSWER: _rem_ (also accept Roetengen emission measure or equivalent)
13. Sometimes great directors enjoy acting, and they often appear as villains. FTPE name these directors from a villainous role. You will receive 5 points if you need a couple films they directed.
(10) He played a sinister Geritol executive in Quiz Show.

(5) He also directed Mean Streets and New York, New York.

ANSWER: Martin \_Scorsese\_

- (10) He played crime kingpin Noah Cross in Chinatown.
- (5) He also directed The Treasure of the Sierra Madre and The Dead.

ANSWER: John Huston

- (10) He played camp commandant von Sternbach in Stalag 17.
- (5) He also directed Laura and Anatomy of a Murder.

ANSWER: Otto \_Preminger\_

- 14. When plastic deformation occurs in layers of sedimentary rock, alternating wave-like folds are formed. FTPE:
- 1. Give the general name that refers to arch-shaped folds.

ANSWER: \_anticline\_

2. Give the general name that refers to a corresponding trough-shaped fold.

ANSWER: \_syncline\_

3. Now give the name for a very large syncline, like California's San Joaquin Valley.

ANSWER: geosyncline

- 15. Answer the following questions FTPE about 19th century American Literature.
- A. This club formed a major nexus for influential writers in New York City. It included among its members William Cullen Bryant, Samuel Morse, and Washington Irving in absentia. Name this club that sounds more like a restaurant.

ANSWER: The BREAD AND CHEESE club

B. Name the most famous writer of the Bread and Cheese Club, known for such works as The Spy, The Pilot, and Deerslayer.

ANSWER: James Fenimore COOPER

C Give the true name of James Fenimore Cooper's most famous character, a backwoodsman called Hawkeye, who plays a prominent role in the Leatherstocking series, especially The Last of the Mohicans

ANSWER: NATTY BUMPO

16. It states that x to the n plus y to the n cannot equal z to the n where n is sufficiently large.

For five, what is the popular name of this theorem?

FERMAT's last theorem

For ten, name this Princeton professor who is credited with solving Fermat's Last Theorem.

Andrew WILES

Perhaps most difficult for Wiles was solving this conjecture which states that elliptic curves are modular forms. Five points each and a five point bonus for both, give the names attached to this conjecture.

TANIYAMA - SHIMURA (accept Weil if someone happens to say it, but award a max of fifteen on this part)

- 17. FTPE, identify the following terms from painting that begin with the letter "O."
- 1. This term for a reclining female nude comes from the Turkish harems in which they were often painted.

ANSWER: \_odalisque\_

2. In perspective, these are lines running back into the picture plane that converge at the vanishing point.

ANSWER: orthogonals

Robert Delaunay's school of painting, which combined elements of Fauvism and Cubism, which was named for a legendary poet.

ANSWER: \_Orphism\_

- 18. FTPE, name the building on the back of the following denominations of U.S. currency.
- A.) \$100 bill

ANSWER: INDEPENDENCE HALL

B.) \$50 bill

ANSWER: U.S. CAPITOL

C.) \$20 bill

ANSWER: WHITE HOUSE

- 19. Last month, NASA saw the successful launch of its first moon mission since 1972. FTPE answer the following questions about the mission.
  - 1. What is the name of the probe?

ANSWER: Lunar \_Prospector\_

2. The mission to look for water was prompted by the 1994 findings of what Department of Defense satellite, given a name out of Western folklore?

ANSWER: \_Clementine\_

3. What was the last NASA mission to the moon, captained by Eugene Cernan in December of 1972?

ANSWER: Apollo 17

- 20. Name the work 30-20-10
- 30 This work was published serially in 1898 in Collier's Weekly and published in book form later that year. The author at one time called the work a fable.
- 20 Characters include Miles, Flora and Miss Jessel.
- 10. The novella is by Henry James.

TURN OF THE SCREW

- 21. For the stated number of pts, identify the following Supreme Court cases.
- A.) This 1819 case invoked the "obligation of contracts" clause to prevent legislative revision of a private charter drawn up under King George III. F15P, name it.

ANSWER: DARTMOUTH V. WOODWARD

B.) F15P, name the 1997 case that overturned the 1993 Religious Freedom Restoration Act on grounds that Congress had

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infringed upon the rights of the states and the judiciary.	
ANSWER: City of BOERNE V. FLORES	
Current Events	
22. Given a computer company, tell the name of their circa 500 megahertz chip, now in produ	ction or soon to be, 5-10-15.
5 Digital, but also licensed by Samsung	
*	
ALPHA	
10 Intel	
MERCED	
15 AMD, which is Advanced Micro Devices	
CHOMPERS	
8	
23. FFPE and a bonus 5 for all correct, name the channel or strait from the two bodies of water	r it links.
A.) Black Sea and Sea of Marmara	
ANSWER: BOSPORUS	
B.) Tyrrhenian Sea and Ionian Sea	

ANSWER: STRAIT OF MESSINA

C.) Persian Gulf and Arabian Sea

ANSWER: STRAIT OF HORMUZ

C. Lake Michigan and Lake Huron

ANSWER: STRAIT (or STRAITS) OF MACKINAC

E.) Gulf of Mexico and Caribbean Sea

ANSWER: YUCATAN CHANNEL

- 24. FTP each, name the river from the cities on its banks.
- A.) Cordoba and Seville

ANSWER: GUADALQUIVIR

B.) Porto and Valladolid

ANSWER: DOURO or DUERO

C.) Toledo and Lisbon

ANSWER: TAGUS or TAJO

- 25. The 1960s were, of course, the Age of Aquarius, so, FTP, given these momentous events from the 1960s, identify the astrological sign under which they occurred.
- 1. Neil Armstrong walks on the moon.

ANSWER: \_Cancer\_

2. President Kennedy is shot in Dallas and buried at Arlington.

ANSWER: Sagittarius

3. "Shots ring out in the Memphis sky": Martin Luther King is assassinated.

ANSWER: \_Aries\_

26. Answer the following questions about IMF (International Monetary Fund) bailouts for the stated number of points.

First, for ten points, before 1997, the largest IMF bailout was the \$48 billion dollars sent in 1994 to what western hemisphere country.

ANSWER: MEXICO

Next, for five points each, name the two East Asian nations that had already been granted

multi-billion dollar aid packages by the IMF last December, before South Korea began asking for money.

ANSWER: INDONESIA, THAILAND

For five points each, name the two of the top seven IMF donors that are not located in Europe or North America.

ANSWER: JAPAN, SAUDI ARABIA

- 27. FTPE identify these famous post-operative folks who underwent sex-change operations.
- 1. This Bronx GI headed to Denmark in 1953 and received world's much-publicized first sex-change operation.

ANSWER: George/Christine \_Jorgensen\_

2. Born Richard Raskind, he/she achieved notoriety in the 1970's as a professional tennis player and coach to Martina Navratilova.

ANSWER: Renee Richards

3. This pioneer of electronic music composed the soundtrack to A Clockwork Orange as a he, but composed the Tron soundtrack as a she.

ANSWER: Walter/Wendy Carlos

28. It was three stories tall and had one window (through which a raven and a dove could exit) and one door (which the Lord himself shut). FTP, what was it?

ANSWER: Noah's \_ark\_

2. FTP, where did Noah's ark come to rest after 40 days and 40 nights?

ANSWER: the mountains of Ararat

3. For five points each, name any two of Noah's three sons.

ANSWER: \_Ham\_, \_Shem\_, or \_Japheth\_

Answer: Milton FRIEDMAN

## (Literature)

Bonus: 6. Identify these Eugene O'Neill plays F15P each.

A. (15) Set in New England during the Civil War, it tells of the heroic leader returning from war, his adulterous wife who murders him, his jealous daughter who murders her mother, and his weak, incestuous son who kills himself.

Answer: MOURNING BECOMES ELECTRA

B. (10) This play is about one day in the life of a family consisting of a defeated drug addict, a failed husband and father, a bitter alcoholic, and a disillusioned youth with tuberculosis.

Answer: LONG DAY'S JOURNEY INTO NIGHT

Bonus 7. Identify the following Supreme Court Justices for ten points each.

A. (10) This moderate-to-conservative Nixon appointee, who wrote the majority opinion in Roe v. Wade, was replaced by Steven Breyer in 1994.

Answer: Harry Andrew BLACKMUN

B. (10) Nicknamed "Whizzer," this moderate appointed by Kennedy played two seasons with the Detroit Lions while he attended Yale Law School.

Answer: Byron R(aymond) WHITE

C. (10) This liberal justice's last major opinion supported the right of The New York Times to publish the Pentagon papers in 1971.

Answer: Hugo (La Fayette) BLACK

# (General Knowledge)

Bonus: 8. Answer these questions about the reality behind James Bond for ten points each.

A. (10) For what real organization does James Bond supposedly work?

Answer: Secret Intelligence Service or MI-6

B. (10) In the Bond stories, the head of SIS is referred to as "M." What is the code name for this individual in reality?

Answer: C

C. (10) What real Bondesque gadget was used to assassinate exiled Bulgarian dissident Georgi Markov in London in 1978?

Answer: He was injected with a poison pellet by means of a spiked UMBRELLA (accept similar answers)

# (Fine Arts)

Bonus: 9. 30-20-10, name the artist:

(30) While watching the family flock of sheep, he learned to carve wood. The construction of a violin from an orange crate led an industrialist to enroll him in the Craiova School of Arts and Crafts.

(20) In 1903, this sculptor received his first commission, which was a bust of General Carol Davila, the founder of medical pedagogy in his native Romania.

(10) He sculpted Bird in Space.

Answer: Constantin BRANCUSI or BRÎNCUSI

#### (Science)

Bonus: 10. Name these mathematicians that died a LONG TIME AGO F15P each.

A. (15) This 9th century Arab is famous for a treatise discussing linear and quadratic equations along with elementary geometry. The computer science term "algorithm" is derived from his name.

Answer: Muhammad Ibn Musa al-KHWARIZMI

B. (15) In his 1202 Liber abaci, he introduced the use of Arabic numerals to Europe and posed a problem that introduced the particular sequence for which he is best known.

Answer: Leonardo FIBONACCI or Leonardo PISANO or LEONARDO DE PISA

#### (Current Events)

11. Identify these figures associated with the current Mideast situation for ten points each.