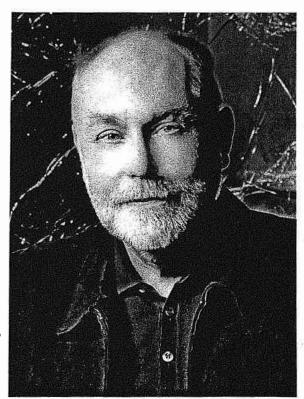
## Cave Spring Invitational II



7

Al Robbins

"I'm glad that's why I'm a dog person."

December 15, 2007 Roanoke, VA Round 1: Lightning Round – Each question is worth 10 pts. An incorrect answer, given before OR after the question is read in its entirety, is -5 pts and the question is dead so the other team does not have an opportunity to answer.

 In the Halo series, this name was given to the battle armor of Spartans but was later replaced by the Mark V and Mark VI. Give this name, that of the hammer carried by Thor.

answer: Mjolnir (Myul - neer)

2. This term can be an acronym for a programming language, based on Alonzo Church's lambda calculus and used for artificial intelligence work. What word can also mean a speech impediment for the "s" sounds.

answer: LISP

- 3. Name the 1973 landmark court case, involving Norma L. McCorvey, that deemed the fourteenth amendment was broken when state laws were placed against abortion. answer: Roe vs. Wade
- 4. The first sanitation systems were developed by this civilization around 3000 BC. Some scholars hold that its still un-deciphered language was a Dravidan language. The city of Mohenjo-daro was in what civilization that lived in what is now Pakistan? answer: <u>Harappan</u> Civilization or <u>Indus Valley</u> Civilization
- 5. This term was coined by James Watt in 1782 while working on steam engines and is variably defined between 735 and 746 watts. What unit of power was theoretically defined by how much a horse could pull per minute?

  answer: Horsepower
- 6. Name the 19<sup>th</sup> century American poet who died in 1886 of Bright's disease and is known for her excessive use of hyphens and for *Because I could not stop for Death*. answer: Emily <u>Dickinson</u>
- 7. What language, considered to be isolated because the surrounding Indo-European languages never intermixed with it, is spoken by the inhabitants of the Pyrenees in North-Central Spain and South-Western France?

  answer: Basque
- 8. In meteorology, name the are areas of low atmospheric pressure with inward spiraling winds that are called hurricanes in the Atlantic and typhoons in the Pacific. answer: <u>Cyclones</u>
- 9. [NOTE TO MODERATOR: Play track #7, let the music play for a little bit before starting the question, then turn it down but have it playing in the background and begin reading the following question] Name this piece, Mozart's last. It has a planetary nickname.

answer: Symphony #41 or the Jupiter Symphony

10. Born Curtis James Jackson III in Queens, this rap artist was shot nine times and is known for his hit albums *Get Rich or Die Tryin'* and *The Massacre*. answer: 50 Cent

Round 2: Category Round – The team that is behind in points may choose their category first and the other team has their choice of the remaining categories. If both teams are tied, a coin will be flipped to decide who goes first. Conferring is allowed but each team must designate a captain. Each question is worth 10 pts. No penalties. Bounceback is in effect. If a team answers all ten of their questions correctly, an additional 50 pt bonus is awarded. The two categories for this match are: BOYS and GIRLS.

## CATEGORY: BOYS

Answer these questions about the aforementioned incorrigible gender. (Now you know the gender of the person who wrote these category round questions.)

 During the Revolutionary War, they captured Fort Ticonderoga with the assistance of Benedict Arnold. Name this Vermont-based paramilitary infantry headed by Ethan Allen.

answer: Green Mountain Boys

- 2. A documentary-style musical based on their lives, Jersey Boys, won four Tony awards in 2006. Name this American pop and rock group famous in the '60's and headed by Frankie Valli, whose songs include 'Sherry' and 'Big Girls Don't Cry.' answer: The Four Seasons
- 3. This painting was influenced by Anthony Van Dyck's style. Name this oil painting by Thomas Gainsborough, now kept in the Huntington Library in California.

  answer: The Blue Boy (MODERATOR, SHOW PICTURE @ END OF PACKET)
- 4. During the Civil War, this term supposedly referred to the dumpling-shaped buttons on the jackets of the Union soldiers. Name this term, more often applied to American infantrymen in WWI. answer: doughboy
- As an adjective, it describes someone who is resilient and cheerful. Archimedes'
  principle describes this force. Name this upward force on an object exerted by its
  surrounding fluid, keeping boats afloat.
  answer: <u>buoyant</u> OR <u>buoyancy</u>
- 6. Danica McKellar and Fred Savage starred in what 80s TV show, set in the late 60s, as Winnie Cooper and Kevin Arnold?

  answer: The Wonder Years
- 7. The first one of these was during the 1880s Irish Land War. Named for its first victim, an English estate manager, what form of protest involves voluntarily withdrawing from an event or refusing to buy from the targeted outlet? answer: boycott
- 8. His wrote *Boy: Tales of Childhood*, his autobiography. Name this British writer, whose works include *The BFG*, *The Witches*, and *James and the Giant Peach*. answer: Roald <u>Dahl</u>

9. He says that "to die will be an awfully big adventure" while marooned in the Mermaid's Lagoon. As an infant, he flew to Kensington Gardens to live among the fairies. Name this boy who would not grow up.

answer: Peter Pan

10. What band performs song such as "Champagne for My Real Friends, Real Pain for My Sham Friends" and "A Little Less Sixteen Candles, A Little More 'Touch Me'", both on their 2005 album From Under the Cork Tree?

answer: Fall Out Boy

## CATEGORY: GIRLS

Answer these questions about those paragons of perfection: girls.

- This woman, and not Madonna, was the first artist in history to have four top ten singles on one album. What '80's icon whose oeuvre includes "Time After Time" and "Girls Just Want to Have Fun?" answer: Cyndi <u>Lauper</u>
- 2. In 1968, this man was shot, but not killed, by Valerie Solanas, one of his "superstars". Name this pop artist, who managed the Veltvet Underground, ran an art 'factory,' and was recently featured in the film Factory Girl. answer: Andy Warhol
- 3. According to Hippocrates, their right breasts are removed at birth so as to divert the strength put into growing them into the right arm and shoulder instead. Name these female warriors of Greek mythology.

answer: Amazons

- 4. In the British *Top of the Pops* magazine, each was given a nickname that stuck: Baby, Scary, Sporty, Ginger, and Posh. Name this all-girl British pop group, a former member of which is Victoria Beckham.

  answer: Spice Girls
- 5. This painting was done by a Dutch painter who spent his entire life in the town of Delft. Name this painter, who also frequently used lapis lazuli, an expensive blue pigment in his day, as is demonstrated by the headband of the girl in this painting.

  answer: Johannes Vermeer (MODERATOR, SHOW PICTURE @ END OF Show PACKET)
- 6. Her presentation on Leibniz at the Sorbonne so impressed Jean-Paul Sartre that the two of them became life-long friends and influenced each others' work. Name this existentialist philosopher and feminist, author of *The Second Sex*. answer: Simone de <u>Beauvoir</u>

 Lemonades, Cartwheels, Thanks-a-Lots, All Abouts, Savannahs, Tagalongs, Samoas, and Thin Mints. Name the desert utilized to raise funds door-to-door by a particular organization these are all a variety of.

answer: Girl Scout Cookies

8. She was the first First Lady to be subpoenaed by a Federal grand jury and was the first to have a post-graduate degree. Name the junior senator from New York and Presidential candidate.

answer: Hillary Rodham Clinton

9. Despite her ability to patent the radium-isolation process that earned her the Nobel Prize in Chemistry, she left its use open to the scientific community. Name this Polish woman, the first to win a Nobel Prize.

answer: Marie Curie

10. She denounced the far-fetched, maudlin plots of her contemporary Victorian female writers and sought realism in her work such as Adam Bede and Daniel Deronda. Name this author whose real name was Mary Ann Evans.

answer: George Eliot

Round 3: Pyramid Round – There is no conferring. Ten tossup questions each worth 10 pts each. 30 pts available on each of the bonus questions. There are no bouncebacks on the bonus questions. An incorrect answer before the question is read is a -5 penalty. An incorrect answer after the question is read is no penalty.

- 1. During the filming of this TV show's final episode, a brush fire broke out and destroyed much of its ranch set. Since the show was coming to an end anyway, the set wasn't rebuilt and the fire was written into the story by having the North Koreans set off incendiary devices. A spinoff of a 1970 Robert Altman film, the most watched episode in US TV history was its finale, 'Goodbye, Farewell, and Amen.' For ten points, Frank, Hot Lips, Radar, and Hawkeye were all characters on what show about military doctors in the Korean War?

  Answer: M\*A\*S\*H (Accept Goodbye, Farwell and Amen [it was the name of the final episode] or Mobile Army Surgical Hospital)
- 2. Her brother Alexander was President of the Pennsylvania Railroad between 1899 and 1906. She met Edgar Degas in 1874, who invited her to show her works at Impressionist exhibitions, but by the mid-1880s, she no longer associated with any one school. Who was this artist of *Tea, Summertime, Woman Bathing*, and *The Boating Party*?

Answer: Mary Stevenson Cassatt

3. The first product sold by this company was *Douglas Hofstadter's Fluid Concepts & Creative Analogies: Computer Models of the Fundamental Mechanisms of Thought.*Some of the components of this company's web site software are nods to its namesake: one of its mass mail sending systems is Correios, named after the Brazilian postal service; Urubamba, named after a South American river, is its software system interacting with Google's AdSense. In 1998, it bought the Internet Movie Database, and it powers the retail side of Marks & Spencer and Target. For 10 points-Jeff Bezos heads what online retailer of books and electronics, named after the longest river in South America?

Answer: <u>Amazon.</u>com

4. Born on May 31, 1852 in Barmen, Germany, he was a noted bacteriologist who worked with Robert Koch. His experiments began running into a problem: solid medium was poured on glass plates, but the experiment was contaminated by exposure to the air (and the bacteria in it). For 10 points – what person invented the shallow glass dishes, with one having a slightly larger diameter than the other, used in biology and anatomy classes to culture bacteria?

Answer: Julius Richard Petri (Accept Petri dishes)

5. Pencil and paper ready. You want to find the percentage of total campers that passed the ropes course test. The camp enrolled 60 girls and 30 boys. Twenty percent of the girls and 40 percent of the boys passed the ropes course test. Noticing that there were exactly 12 boys and 12 girls that passed the ropes course and there were a total of 90 campers, it's easy to solve for the percent of campers that passed. For 10 points – what percent of the campers passed the ropes course?

answer: 26 2/3 % (Accept 26.6 repeating)

- 6. He was called "a poet of some local interest, perhaps" by T.S. Eliot, and he called Eliot "a subtle conformist" in return. A pediatrician and a poet, his motto, which characterized his style of poetry, was "No ideas but in things." He dabbled in prose writing with *Spring and All* and *The Great American Novel*. His magnum opus was *Paterson*, an epic poem the New Jersey city. For 10 points, name this Imagist who wrote the poems *This is Just to Say* and "The Red Wheelbarrow." answer: William Carlos Williams
- 7. He wrote the novels Love Among the Artists and Immaturity. His later plays like The Millionairess and The Apple Cart are little-remembered today. His play On the Rocks was a defense of Stalin's pogroms. His first play, Widower's Houses, was an attack on slumlords, consistent with his socialist beliefs. He was the only person to win both a Nobel Prize in Literature and an Oscar, winning the latter for his work on the film Pygmalion. His three Plays Unpleasant and four Plays Pleasant are often performed today. For 10 points, name this member of the socialist Fabian Society, the playwright of Saint Joan, Major Barbara, and Mrs. Warren's Profession. answer: George Bernard Shaw
- 8. He called the Constitution 'a covenant with death and an agreement with Hell' and burned copies of it in public. He went to jail in Baltimore and the state of Georgia had a \$5,000 bounty on his head. A former member of the American Colonization Society, he became a co-editor of the *Genius of Universal Emancipation* newspaper. His feminist sympathies caused the break-up of the American Anti-Slavery Society, of which he was a founder, into rival factions. For 10 points, who declared, 'I will not retreat a single inch I WILL BE HEARD,' in the first issue of his abolitionist newspaper, *The Liberator*?

  answer: William Lloyd Garrison
- 9. Dushenka is the Russian version of the love story involving this woman and another version of her story is told by C.S. Lewis in *Till We Have Faces*. She had one daughter, Volupta, with her immortal lover. She herself obtained immortality, though that was not what she sought, through a series of tasks, including the acquisition of wool from fierce golden sheep. For 10 points, name this woman, the mortal beloved of Cupid, who first appeared in Apuleius' *The Golden Ass*. answer: Psyche
- 10. This phenomenon is caused by a weakening of the Walker circulation. Among the first signs of its onset are falling air pressure in Tahiti and the rest of the eastern and central Pacific Ocean and warm air rising in Peru, resulting in rain in its deserts. It can adversely affect fishing in the eastern part of the South Pacific due to nutrient-poor tropical waters replacing the nutrient-rich waters of the Peru Current. What effect, that most recently occurred between September 2006 and early 2007, led to 2006's weak hurricane season?

answer: El Nino

## **BONUSES**

- 1. For ten points each, answer the following about notable features of Virginian geography.
- A. This mountain chain, part of the Appalachian Mountains, is known for its distinctive color.

answer:

Blue Ridge Mountains

B. This peninsula, a region of the state, is located between the Potomac and Rappahannock Rivers and its five counties include King George and Westmoreland.

answer:

Northern Neck

- C. This mountain, located in Grayson County, is the highest point in Virginia. answer: Mt. Rogers
- 2. For ten points each, answer the following about the 2006 Winter Olympics.
- A. The 2006 Winter Olympics were located in this Italian city.

answer: Turin

B. This American speed skater, who won gold in the 500 meters, recently won *Dancing With the Stars*.

answer:

Apolo Anton Ohno

D. This American snowboarder, known to some as the "Flying Tomato," won the gold medal in the halfpipe event.

answer:

Shaun White

- 3. For ten points each, answer the following about the firing of nine U.S. attorneys.
- A. The firings were orchestrated by this former Attorney General of the United States.

answer:

Alberto Gonzales

B. Many conservative pundits have compared the firings to those undertaken by the first female Attorney General of the United States.

answer:

Janet Reno

- C. This liberal webzine, which contributes to National Public Radio's *Day-to Day*, had a "Gonzometer", which approximated the chance of Gonzales being fired. answer: Slate
- 4. For ten points each, answer the following about the novella Of Mice and Men.
- A. It begins with the line, "The best-laid plans of mice and men go often awry" from the poem *To a Mouse* by this Scottish poet.

answer:

Robert Burns

B. Of Mice and Men, along with East of Eden and The Chrysanthemums, is set in this Californian valley.

answer:

Salinas Valley

C. This character's is wife, whose name is never mentioned, is accidentally killed by Lennie Small.

answer:

Curley

- 5. For ten points each, answer these questions about the myriad love interests of the Greek god Zeus.
- A. This Greek goddess of agriculture bore him a daughter who would become Queen of the Underworld.

answer:

Demeter

B. This mortal was abducted by Zeus when he came to her in the form of a white bull; she was to bear him King Minos of Crete.

answer:

Europa

C. Zeus came to this mortal in a shower of gold and bore her the hero Perseus.

answer:

Danae

6. Earlier this year, the tournament director was watching Are You Smarter Than a Fifth Grader? (which apparently no one was) and was appalled at the fact that nobody knew how many sides a given polygon had. For five points each, with a bonus for all five correct, how many sides does each of the following polygons have:

A. rhombus

answer:

4

B. heptagon

answer:

7

C. dodecagon

answer:

12

D. chiliagon

answer:

1000

E. nonagon

answer:

9

- 7. For 10 points each, answer these questions about radioactivity.
- A. This is the least penetrating particle emitted by a radioactive atom. Clothes or even a piece of paper can stop these.

ANSWER: alpha particle

B. An alpha particle is identical to what atom's nucleus?

ANSWER: helium-4

C. One nucleus decays per second in what SI-derived unit of radioactivity?

ANSWER: Becquerel

8. For 10 points each, given a work done by him, identify the member of Raphael's The School of Athens. (MODERATOR, SHOW PICTURE @ END OF PACKET) Show Picture

A. The man in the center who wrote *The Republic* 

answer:

**Plato** 

B. The figure standing to the right of the man in the center who wrote the *Nicomachean Ethics* 

answer:

Aristotle

D. The old man crouching behind Epicurus, who is wearing a laurel wreath, on the left, who is famous for his namesake paradox, exemplified by Achilles and the tortoise.

answer:

Zeno

- 9. For 10 points each, answer these questions about a German author.
- A. Who wrote about Hans Castorp going to visit his cousin in a Swiss sanatorium in the Alps in *The Magic Mountain?*

answer:

Thomas Mann

B. Adrian Leverkuhn sells his soul to the devil in return for prodigious musical composition skills.

answer:

**Doktor Faustus** 

D. The downfall from prominence of a German mercantile family from the city of Lubeck is chronicled.

answer:

Buddenbrooks

- 10. 30-20-10, name the gemstone.
- A. 90% of this gemstone comes from Burma, and a ban similar to that against blood diamonds is being proposed.
- B. It is the birthstone of those born in July.
- C. Its red color is mostly caused by the element Chromium.

answer:

Ruby