

Cave Spring Invitational II



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“Never doubt. Never look back. That’s how I live my life.”

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Roanoke, VA

Buzzer check question: What is your favorite band and/or type of music?

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.

1. This singer performed at halftime of last year's Thanksgiving Day football game at Texas Stadium and was subsequently romantically linked to Tony Romo. Name this American Idol winner, who sang "Before He Cheats".
answer: Carrie Underwood
2. The first work written in Spenserian stanza, what allegorical work was written in praise of Elizabeth I?
answer: *The Faerie Queene*
3. This novel begins with Gene Forrester returning to Devon, a New Hampshire prep school. Name this coming-of-age novel by John Knowles.
answer: *A Separate Peace*
4. In Norse mythology, they are known as the Norns. In Greek mythology, Klotho, Lachesis (La-ke-sis), and Atropos are the names of what three sisters in charge with dealing with the thread of people's lives?
answer: Fates [accept Moirae (Moy-ray)]
5. What leader of the Pakistani People's Party was detained on November 13, 2007, preventing her from leading a procession against Musharraf's emergency rule declaration?
answer: Benazir Bhutto (Boo-toh)
6. This component of the Winter Triangle is the second brightest star in the constellation Orion. What red giant has a name that sounds like a Michael Keaton movie?
answer: Betelgeuse (BEETLE-juice) or Alpha Orionis
7. Commonly used to run a Java virtual machine, these data structures use the LIFO (lie-FOE) principle or "last in, first out". What structure's common operations are push and pop?
answer: stack
8. [NOTE TO MODERATOR: Play Track #1 – Let both teams listen to it for a bit and then turn down the music and have it playing in the background. Begin reading the question] These words come from a famous 13th century Latin hymn thought to be written by Thomas of Celano. You're listening to Mozart's version of what hymn about the judgment day?
answer: *Dies Irae* (accept *Day of Wrath*)
9. Name that word that can refer to a pair of connected nucleotides on complimentary DNA and RNA strands, a substance that can accept hydrogen ions, or one of the sides of a triangle or trapezoid.
answer: base
10. He was the first American Vice President to have his picture taken and the first to resign from the position. Name the Southern politician and philosopher considered part of the "Great Triumvirate" or "Immortal Trio", with Henry Clay and Daniel Webster.
answer: John C. Calhoun

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: FIRE or WATER.

CATEGORY: FIRE

Answer these questions relating to the hottest of all the Aristotlean elements, fire:

1. Homer often refers to this god in his writings as Titan or Hyperion. Name this Greek god of the sun whose role was gradually assumed by Apollo.

answer: Helios

2. Some believe that due to this element's simplicity, it is the root of all the other elements. Name this element, the most abundant in the universe, and the fuel for many suns.

answer: hydrogen

3. The Great Fire of 1666 occurred in this European capital.

answer: London

4. This Roman emperor was probably playing a lyre while Rome burned since fiddles weren't invented until much later.

answer: Nero

5. Burning Man is an eight day long annual event that takes place in Black Rock City in this state.

answer: Nevada

6. This NBA franchise retired Michael Jordan's #23 for his contributions to the NBA, even though he never played for them. They were also the first team in NBA history to get swept in the first round after winning the previous year's championship.

answer: Miami Heat

7. Named after its English engineer and inventor, this process was the first inexpensive industrial process for the mass-production of steel from molten pig iron.

answer: Bessemer process

8. In 2005, President Viktor Yushchenko (YOU-shin-ko), fired the entire government of this former Soviet Republic.

answer: Ukraine

9. TWO ANSWERS REQUIRED. According to Genesis, along with Admah and Zeboim (Zi-boh-im), these other two cities were destroyed by "brimstone and fire from the Lord out of heaven."

answer: Sodom and Gomorrah

10. This is the process by which a large atomic nucleus, such as Uranium, is split into smaller nuclei.

answer: nuclear fission

CATEGORY: WATER

Answer these questions relating to the most essential ingredient to Jello, slip n' slides, tea, and life itself: water.

1. Formula 50, Power-C, Revive, Balance, and XXX are all different flavors of this drink made by Glaceau.
answer: Vitamin Water
2. "Water, water everywhere and not a drop to drink" comes from this famous poem by Samuel Taylor Coleridge.
answer: The Rime of the Ancient Mariner
3. Water is a primary example to emulate according to this philosophy created by Lao Tzu.
answer: Taoism or Daoism
4. The Aswan High Dam creates Lake Nasser on what river?
Answer: Nile
5. This 'unsinkable' person said of her experiences about the Titanic to her lawyer: "Thanks for the kind thoughts. Water was fine and swimming good. Neptune was exceedingly kind to me and I am now high and dry."
answer: Margeret "Molly" Brown
6. This American swimmer holds the record for most gold medals won in a single Olympiad, which he set at the 1972 Summer Olympics in Munich, Germany.
answer: Mark Andrew Spitz
7. The slowest fish in the water, at 0.01 mph, has to be this creature of genus Hippocampus that is also notable for the males becoming pregnant.
answer: seahorse
8. The single combination of pressure and temperature at which pure liquid water, ice and water vapor can coexist in a stable equilibrium is called this.
answer: triple point
9. This novella, written by Ernest Hemingway, centers upon an aging Cuban fisherman who struggles with a giant marlin far out in the Gulf Stream. It would win the Nobel Prize in Literature in 1954.
answer: The Old Man and the Sea
10. Located in Siberia, Russia, at 5,369 ft, this lake is considered to be the deepest lake in the world.
answer: Lake Baikal

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. This fear is the number five phobia on the Top 10 Phobia List of all time. According to the Book of Lists, if you have this particular phobia that is not acrophobia, the worst job you could possibly have is being an astronaut. Furthermore, about 7% of patients didn't even know they had this phobia until they got an MRI scan. For 10 points – name this fear of enclosed or confined spaces.
answer: claustrophobia
2. According to the 2006 World Audit Study, it was the least corrupt and most democratic country in the world. In the Program for International Student Assessment study, it ranked at the top in education. Since 2002, it has topped the worldwide Press Freedom Ranking list produced by Reporters Without Borders. The distance from the most Southern point – Hanko – to the most northern point – Nuorgam – is 1445 kilometers. Tarja Halonen is its President, and it has so far not wanted to join NATO. It is the birthplace of Jean Sibelius, a composer, and home to Nokia, a cell phone company. For 10 points – name this Scandinavian country with capital Helsinki.
answer: Finland
3. The first attempt to access it, known as Project Mohole, was abandoned in 1966 after repeated failures and cost over-runs. Later this year, the Chikyu Hakken (CHEE-queue HAK-ken) mission to reach it will start somewhere in the Atlantic Ocean and go three times as deeper than previous attempts. Oceanic drillings are preferred over land drillings in order to reach it, because the crust at the seabed is thinner. For 10 points – name this region of the Earth, which comprises approximately 70% of its volume, located between the crust and the core.
answer: mantle
4. His grandnephew is the Green Hornet. Originally, he shared a horse with his sidekick, but a staffer at Detroit's radio station WXYZ saw a publicity photo of the two sharing a horse and gave the sidekick a horse. The sidekick's horse was originally supposed to be white like the hero's but the producers felt it would make the hero's horse less impressive. He was portrayed by Brace Beemer on radio and Clayton Moore on television, and his sidekick was portrayed by John Todd on radio and Jay Silverheels on television. Tonto was the sidekick of, for 10 points, what 40s and 50s icon whose catchphrase was "Hi yo, Silver! Away!"?
answer: The Lone Ranger (Accept John Reid)
5. A double one consists of two rows of diatonic strings one on either side of the neck. The open ones lack the forepillar. The pedal or concert one is large and technically modern, designed for classical music and usually seen in symphony orchestras. A folk or celtic one is small and medium-sized and usually designed for traditional music. Kitharas and lyres are zithers, not these, and the Aeolian variety is not a 'true' one of these, since the strings are not perpendicular to the soundboard. For 10 points – name this instrument, sometimes shown played by angels.
answer: harps

6. Pencil and paper ready. A tournament director was making out a schedule for quizbowl matches when he noticed an odd coincidence. One team consisted of Adam, Bob, Chuck, and Dave while another team consisted of Adam, Dave, Eddie and Frank. Yet, a third team consisted of Adam, Chuck, Dave and Frank. The director notices that the similar names from the three teams can form an intersection, or the set of elements both sets have in common. For 10 points – what is the intersection of the three sets, knowing that an intersection is the set of elements contained in all three sets?

answer: Adam and Dave (Accept in any order; must say both names)

7. After his death, the family of John Miller claimed John to be this individual. DNA samples from the remains were sent to be compared against traces of blood taken from a bench that was believed to be the one this person's body was placed on after he was supposedly shot to death. In 1950, a lawyer representing Ollie P. Roberts, nicknamed Brushy Bill, also claimed to be the same individual. However, his claim has been dismissed as the real person could speak Spanish fluently and Brushy Bill could not. This frontier outlaw, whose real name was Henry McCarty, was supposedly shot in 1881 by Pat Garrett. For 10 points – name this gunman, who supposedly killed 21 men, one for each year of his life.

answer: Billy the Kid (Accept Henry McCarty before it's mentioned or Henry Antrim or William Harrison Bonney)

8. He is the basis of an 1859 work by Gounod (Goo-noh), a musical by Randy Newman, a 1926 film directed by Friedrich Wilhelm Murnau, a 1994 film by Jan Svankmajer, and a symphonique by Franz Liszt. His name comes from the Latin for "auspicious" or "lucky". He is the protagonist of a popular legend and has come to stand for a charlatan alchemist. The adjective using his name has come to denote acts or constellations involving human hubris which lead eventually to doom. For ten points – name this medieval scholar who makes an infamous pact with the Devil for great knowledge.

answer: Faust (Accept Faustus)

9. According to the comics, this is Clark Kent's favorite movie. American Film Institute ranked this movie #2 in its 100 Most Inspiring Movies of All Time and its main character the top screen hero of all time. It was Robert Duvall's first movie, and it has also been reported that this movie was Gregory Peck's favorite. For ten points, name this movie that had Robert Duvall play Boo Radley and Gregory Peck as Atticus Finch and is based on a classic originally written by Harper Lee.

answer: To Kill a Mockingbird

10. Its name most likely arose from the Greek for "struck by lightning". Aman of J.R.R. Tolkien's legendarium was very similar to it. Its residents were part of Dante's Limbo since they were virtuous pagans. At the end of the Ridley Scott film, *Gladiator*, the deceased Maximus is shown to be walking in a place highly reminiscent of this one. For ten points – name this region of the Greek Underworld reserved for the souls of the righteous.

answer: Elysian fields or Elysium

BONUSES

1. For 10 points each, given some lines from a work by Shel Silverstein, name the work.
 - A. "Yes we'll walk with a walk that is measured and slow/And we'll go where the chalk-white arrows go"
answer: Where the Sidewalk Ends
 - B. "I've nothing but my trunk," he says, "But you can cut it down/And build yourself a boat and sail away."
answer: The Giving Tree
 - C. "Well, my daddy left home when I was three/and he didn't leave much to Ma and me/just this old guitar and a bottle of booze." The poem would also be sung by Johnny Cash.
answer: A Boy Named Sue

2. For 10 points each, given the basic mystery of these Arthur Conan Doyle stories, give the title:
 - A. Jabez Wilson, a pawnbroker, is paid a ridiculous amount of money to copy the *Encyclopedia Britannica* by the titular organization.
answer: The Adventure of the Red-Headed League
 - B. The mystery revolves around a corpse found at a derelict house in Brixton, England with the word "RACHE" scrawled in blood on the wall beside the body.
answer: A Study in Scarlet
 - C. Sherlock Holmes confronts his arch nemesis, Professor Moriarty, at Reichenbach (RIKE-en-BACH) Falls.
answer: The Adventure of the Final Problem

3. For 10 points each, name the cathedral.
 - A. Technically, it's a basilica, not a cathedral. It is the site of many Papal activities due to its five-acre size. What basilica may have the first Pope buried beneath it?
answer: St. Peter's
 - B. Commissioned by Ivan the Terrible, this cathedral is notable for its onion domes and for being mistaken for the Kremlin.
answer: St. Basil's
 - C. It was rebuild by Christopher Wren after the Great Fire of London.
answer: St. Paul's

4. For 10 points each – name the state from the descriptions of their state quarters:
 - A. A cow, an ear of corn, and cheese
answer: Wisconsin
 - B. The words "The Old Line State"
answer: Maryland
 - C. A schoolhouse with a family planting a tree.
answer: Iowa

5. For 10 points each, given the description of an Amendment to the Constitution, identify its number.
 - A. This amendment freed the slaves.
answer: 13th
 - B. This amendment guaranteed the right to vote regardless of race.
answer: 15th
 - C. This amendment guaranteed the right to vote regardless of gender.
answer: 19th

6. For 10 points each, name these constants given their values:
- A. Approximately 2.71828
answer: e
 - B. Square root of -1
answer: i
 - C. Approximately 1.61 or one-half times the quantity 1 plus the square root of 5.
answer: The Golden Ratio
7. For 10 points each, identify the oxidation numbers for each of the following:
- A. Aluminum
answer: +3
 - B. Chromate (CrO_4)
answer: -2
 - C. Ammonium (NH_4)
answer: +1
8. For 10 points each, name the current secretaries of the Cabinet:
- A. Department of State
answer: Condoleeza Rice
 - B. Department of Defense
answer: Robert M. Gates
 - C. Department of Education
answer: Margaret Spellings
9. For 10 points, name these things that revolve around the tournament director's main man, Archimedes:
- A. This figure is defined by the polar equation $r = n\theta$ (read "r equals n time theta").
answer: Archimedes spiral
 - B. He attached his name to this type of polygon in dealing with two tangents to a parabola.
answer: Archimedes triangle
 - C. This parchment in the form of a codex was a copy of an obscure work of Archimedes and other authors.
answer: Archimedes method (Accept Archimedes palimpsest)
10. For 10 points each, answer the following questions about a popular liquid.s
- A. The polarity of water results ^{from} in these types of bonds between molecules, which make it possible for animals to walk across lakes.
answer: hydrogen bonds
 - B. Water flows from the roots of plants up the stem via this tube-like structure.
answer: xylem
 - C. This property of water can be seen when droplets stick to the side of a glass.
answer: adhesion