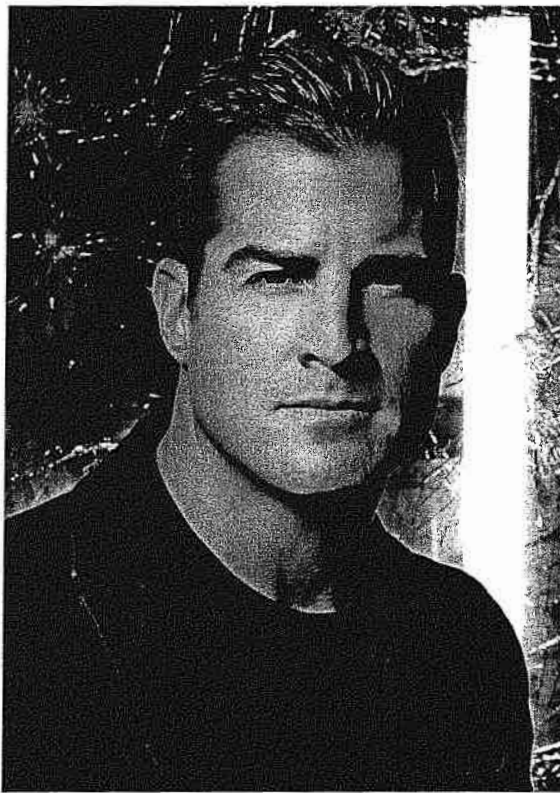


# Cave Spring Invitational II

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Nick Stokes

“Did you cut yourself shaving or were you thinking too hard?”

December 15, 2007  
Roanoke, VA

Buzzer check question: What is your favorite animal?

**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. Aristotle once said that a good one of these gives the “effect of brilliance” but preferred to use its close counterpart, the metaphor. Name this grammatical tool that uses “like” or “as” to compare two unlikely things.  
answer: simile
2. In beer production, it’s the density of beer wort. In economics, it refers to a model of trade patterns between countries. What is this term that, in physics, refers to the force of attraction between massive particles?  
answer: gravity
3. Some of the major cities located in this geographical region are Kiel, Aarhus, and Randers. It has historically been one of the three major lands of its nation, the other two being Scania and Zealand. Name this peninsula that comprises most of Denmark.  
answer: Jutland peninsula
4. What ancient Sanskrit epic, attributed to the poet Valmiki, details the adventures and wanderings of the popular deity, Ram (RAHM)?  
answer: Ramayana
5. In aviation, it’s the distance between the front and back of a wing, measured in the direction of the normal airflow. In graph theory, it’s an edge joining two non-adjacent nodes in a cycle. What is this term that, in music, is an aggregate of musical pitches sounded simultaneously or, in math, a line segment joining two points on a curve?  
answer: chord
6. In Norse mythology, examples of these were Grid, Olvaldi and Narfi. In Hinduism, they were called Daityas and in British folklore, Gog and Magog were considered to be these. Name this mythological creatures, a more famous example from the Bible being Goliath.  
answer: giants (accept Jotuns before Hindusim)
7. The first American to be rear admiral, vice admiral, and full admiral of the Navy, name the man who will be remembered for his apocryphal order at the Battle of Mobile Bay: “Damn the torpedoes, full speed ahead!”  
answer: — David Glasgow Farragut
8. [NOTE TO MODERATOR: Show image to teams] This constellation refers to one of the signs of the Zodiac. People born under this sign are protective, sensitive, and tenacious. This water sign is what constellation that is for those born between June 22<sup>nd</sup> and July 22<sup>nd</sup>?  
answer: Cancer
- 9.[NOTE TO MODERATOR: Play track #5, 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] You are listening to a piece by this Romantic composer who had an on-again off-again relationship with George Sand and who was a prolific composer of mazurkas and polonaises.  
answer: Frederic Chopin

10. Born DeAndre Cortez Way, he produced his whole album using just FL Studio. Give the better known stage name of the man behind the stupid dance and his hit single "Crank That".

answer: Soulja Boy Tell 'Em

**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: GOOD and EVIL.

CATEGORY: GOOD

Answer these questions about good and be good, for goodness sakes:

1. Followers of this religion worshiped in Fire Temples. Those who practice it today are known as Parsis. Name this Persian religion, the supreme deity of which is called Ahura Mazda, as opposed to the evil Ahriman.  
answer: Zoroastrianism
2. Among the things that are supposed to bring a “good” form of this are bats in China. In addition, some Chinese practice Feng shui, the practice of arranging objects in a particular fashion to bring this about. Name this, also thought to be increased with 4-leaf clovers.  
answer: luck
3. This man married Henrietta Edwards, daughter of the famous Great Awakening evangelist Jonathan Edwards. Name this inventor who furthered the industrialization of America with his development of interchangeable parts for the manufacture of goods and the cotton gin.  
answer: Eli Whitney
4. Her first film was *The Red-Haired Alibi* and her last film was *A Kiss for Corliss*. Some of her better known features are *Heidi* and *A Little Princess*. Name this child actress who sings “On the Good Ship Lollypop” and “Animal Crackers in My Soup”.  
answer: Shirley Temple
5. When asked about the meaning of the song, its writer stated, “It’s a song about everything and nothing. If you have black you have to have white. That’s the amazing thing about life.” Name this 1967 single by The Beatles, the title of which is the juxtaposition of a greeting and a farewell.  
answer: Hello Goodbye
6. When this cycle is concluded, one is said to have reached *moksha*, or salvation. Karma determines the result of this process, with good karma in life resulting in a subsequently better station in the next life. Name this concept that’s part of the Hindu religion.  
answer: reincarnation or samsara
7. *Putti* are chubby, naked versions of them. Lyra’s father is named after one in Philip Pullman’s *The Golden Compass*. In Dante’s *Inferno*, the walls of Dis are guarded by fallen ones. Name these messengers of God.  
answer: angels
8. During this era, the U.S. government was comprised of a single party: the Democratic Republicans. Name this time period during which James Monroe was president.  
answer: Era of Good Feelings

9. Part of her eponymous institute is Roots & Shoots, a worldwide, environmental youth initiative. Name this animal rights activist and primatologist famous for her work in Gombe Stream National Park in Tanzania and with the chimpanzees that live there.

answer: Jane Goodall

10. Bartholomeu Dias called it the *Cabo das Tormentas*. The Dutch East India Company set a supply came near here in 1652 which is now South Africa's legislative capital. Name what is erroneously thought to be the southernmost tip of Africa.

answer: Cape of Good Hope

CATEGORY: EVIL

Answer these questions about the dark side and things pertaining to all that is evil.

1. He initially made his living as an acrobat in a circus until its new owner ordered him to perform in the freak show. Name this Bavarian X-Man played by Alan Cumming in 2003, who, despite his demonic appearance is actually a devout Roman Catholic.

answer: Nightcrawler (accept Kurt Wagner)

2. It is the largest American company, by market capitalization, that is not part of the Dow Jones Industrial Average. When terms such as "Tiananmen Square" are typed into its Chinese subsidiary, some results are censored. What company's philosophy is "Don't be evil"?

answer: Google

3. It was first depicted pictorially as a carving over a door to Japan's Tosho-gu shrine. Name this maxim, epitomized by Mizaru, Kikazaru, and Iwazaru, three simian characters covering their eyes, ears, and mouth, respectively.

answer: See no evil, hear no evil, speak no evil (accept clear knowledge equivalents)

4. Johann Wolfgang von Goethe saw one that was not a bad omen, but of his future return to Alsace. Percy Shelley told his wife Mary he saw one prior to his drowning. Name this German term that has come to be synonymous with the phrase "evil twin".

answer: doppelganger

5. *In Evil Hour*, his first novel, utilizes similar characters and situations to those that would appear in his next novel, *100 Years of Solitude*. Name this Nobel Prize-winning magical realist from Columbia.

answer: Gabriel Garcia-Marquez

6. In 2005, this label was re-termed "outposts of tyranny" and expanded to others like Belarus and Myanmar by Condoleezza Rice. Name this group of countries that initially included Iraq, Iran, and North Korea.

answer: Axis of Evil

7. He was fired from the Anaconda Mining Company for making an earth mover pop a wheelie. His attempt at jumping over the Snake River Canyon is one of the 20 most-watched *Wide World of Sports* events of all time. Name this recently-deceased motorcycle daredevil.

answer: Evel Knievel (accept Robert Craig Knievel)

8. His mother's name is Merope Gaunt and he is skilled at the arts of Legilimency and Occlumency. Among his followers are Augustus Rookwood, Antonin Dolohov, and the Carrow siblings. Name this dark wizard whose name is really Tom Marvolo Riddle.

answer: Dark Lord Voldemort (accept He Who Must Not Be Named)

9. Today, his skill is partially attributed to Marfan or Ehlers-Danlos syndrome. Sergei Rachmaninoff wrote a rhapsody on a theme of his. Name this Italian violinist, whose prodigious skill was rumored by some to be the result of a pact with the devil.  
answer: Niccolo Paganini
10. From a group therapy session, we find that this person's father was a "relentlessly self-improving boulangerie owner from Belgium." Name this apparent creator of Starbucks and brother of Austin Powers, International Man of Mystery.  
answer: Dr. Evil (accept Douglas "Dougie" Powers)

**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. While studying at Yale, some of his crueler classmates would joke “that he was the only man in New Haven who could fart out of his face.” He had earlier run away from home at 13, trying to be a drummer boy in the Spanish-American War. He published his first book, Hike and the Aeroplane, under the pseudonym Tom Graham. He complained that, ‘in America most of us ... are still afraid of any literature which is not a glorification of everything America,’ in his 1930 Nobel Prize acceptance speech. In 1926, he won and rejected the Pulitzer Prize for his work Arrowsmith. For 10 points – name this American author of works such as Elmer Gantry, Main Street, and Babbitt.

answer: Sinclair Lewis

2. So famous was his marksmanship that when a schoolteacher commented on his lack of education, his father replied, “Let the girls do the spelling and [he] will do the shooting...” He served with the British during the French and Indian War as a wagon driver and after the defeat at the Battle the Monongahela (Maw-na-ga-hay-lee), he returned home and married Rebecca Bryan. On a long hunting trip, he discovered more fertile land and abundant game to the west so he packed up his family and traveled through the Cumberland Gap into Kentucky. For 10 points – name this early American pioneer, whose was “tough as a mighty oak tree”, from the ‘heel of his rawhide shoe’ to ‘the coonskin cap on the top.’

answer: Daniel Boone

3. In ancient chronicles, it was referred to as Uucyabal, meaning “Seven Great Rulers”, possibly because the city’s political organization was structured by a “multepal” system, or rulership through council. As there are no above-ground rivers, the three natural sink holes, or cenotes, providing plentiful water year round made it attractive for settlement. The “Cenote of Sacrifice” was sacred to the worshippers of the rain god Chaac. Other landmarks in the city included the Temple of the Warriors, and, as should be present in any Mesoamerican city, The Great Ball Court. Located in the northern center of the Yucatan Peninsula – for 10 points – is what city, a major regional center of the Mayan empire?

answer: Chichen Itza

4. Made of acacia wood, it was a cubit and a half broad and high, and two and half cubits long. On each of the two sides were two gold rings in which were placed two wooden poles. On top were two cherubim with their faces turned toward one another; their outspread wings formed the throne of God. It was covered all over with purest gold. Its upper surface or lid, the mercy seat, was surrounded with a rim of gold. The Church of Our Lady Mary of Zion in Axum, Ethiopia, claims to have it in a vault. It disappeared after the Babylonians sacked Jerusalem. For 10 points – name this container sacred to the Israelites in which rested the stone tablets containing the Ten Commandments.

answer: The Ark of the Covenant (Accept aron habrit, Ark of God, Holy Ark, Ark of Testimony)

5. Its most common cause is standing in water infested with *Trichophyton rubrum* and *Trichophyton mentagrophytes*, two of the most common organisms to blame for this condition. Its symptoms include scaling, flaking and itching, and it affects nearly 15% of the population. The infection can spread to other parts of the body such as the armpits, knees, elbows and the groin, in which case it's referred to as tinea cruris (TIN-ee-uh KROOR-is) or "jock itch". For 10 points – what type of fungal infection might John Madden cure with some tough actin' Tinactin?

answer: athlete's foot (Accept tinea pedis)

6. Before April 27, 2006, it was only referred to by the code name of Revolution. It's the only product that does not contain the manufacturer's name as part of the product's name in that company's history. The last two characters of the name are meant to resemble two people standing side by side, representing players coming together, as well as the console's unique controllers. For 10 points – name this 5<sup>th</sup> generation gaming system developed by Nintendo which has outsold both the Xbox and PS3 this year.

answer: Wii

7. Washi is the predominant paper used as it is generally tougher than ordinary paper made from wood pulp. Contrary to popular belief, this art form traditionally has often been less strict about conventions, sometimes cutting the paper during the creation of the design or starting with rectangular, circular, triangular or other non-square sheets of paper. The problem of flat-foldability in this pastime has been a topic of considerable mathematical study. For 10 points – name this Japanese art of paper folding.

answer: origami

8. Ceva's theorem deals with points lying on the sides of this and whether or not they are concurrent. Thales's theorem implies that if the circumcenter is located on one side of this, then the opposite angle is a right one. Menalaus' theorem gives necessary and sufficient condition under which three given points, lying on the sides of the same type of polygon, lie on a line. It is also governed by the law of sines and the law of cosines. For ten points, what is this basic shape of geometry with three sides?

answer: triangle

9. This national park contains such geographical features as: Flathead River, Lake McDonald, Kintla Lake, Bird Woman Falls, Mount Cleveland, and St. Mary Lake. Although Lewis and Clark came within 50 miles of its location, the park was initially explored by George Bird Grinnell. A few years later, Henry Stimson and a few companions climbed Chief Mountain. This national park is famous for its "Triple Divide Peak" which is the hydrologic apex of North America. For 10 points, what park is named for the massive bodies of ice on its mountains?

answer: Glacier National Park



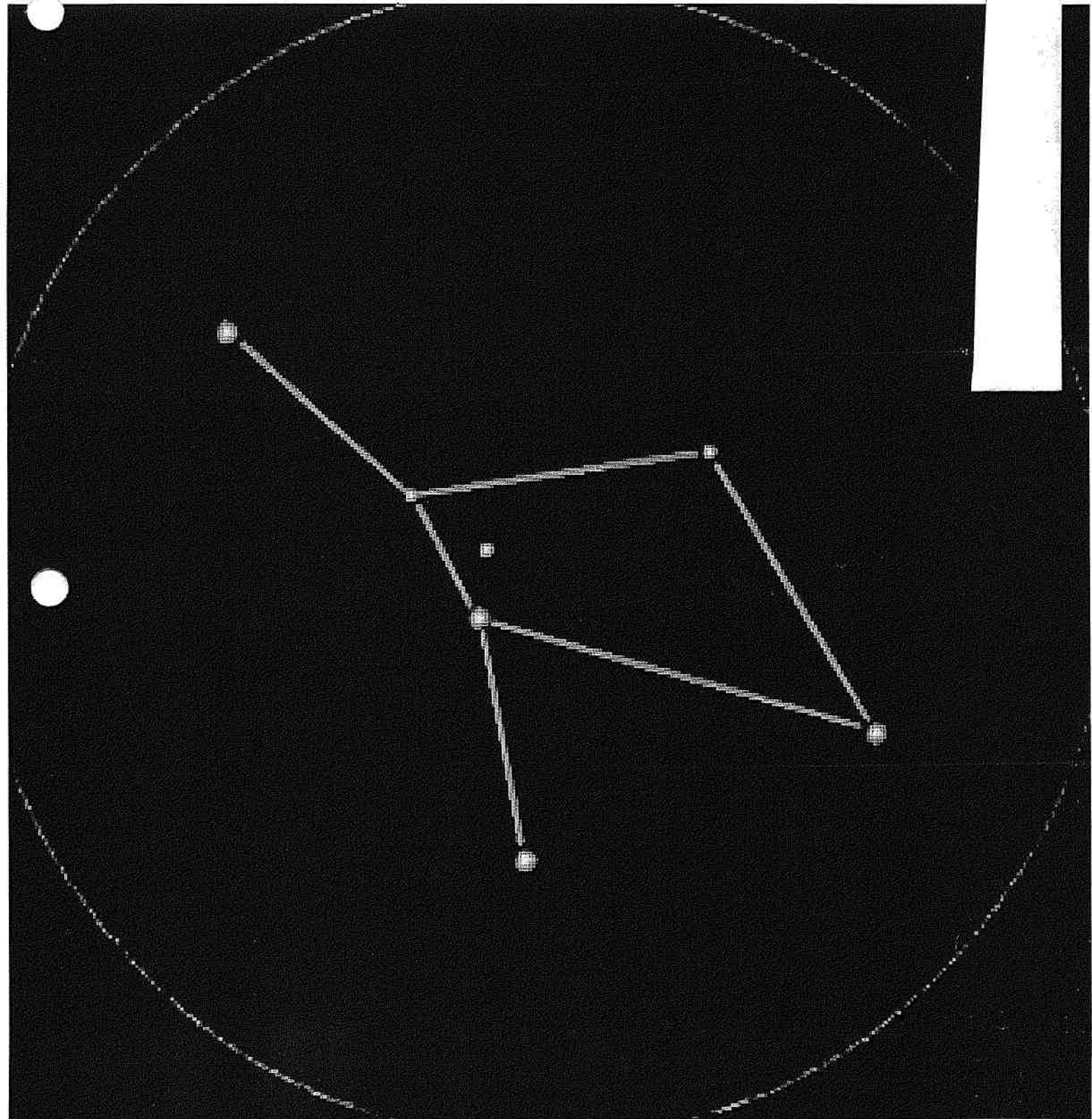
10. It cites 'a very knowing American of my acquaintance in London' and 'the famous Psalmanazar, a native of the island of Formosa' as authorities. At its beginning, the reforms which are actually being suggested are ridiculed, as this pamphlet is similar in structure to the satirical works of Juvenal. Many modern day readers unfamiliar with it being a satirical work do not recognize it as satire until they come to passages such as the following: "I grant this food may be somewhat dear, and therefore very proper for Landlords, who as they have already devoured most of the Parents, seem to have the best Title to the Children." For 10 points – name this pamphlet of sustained irony by Jonathan Swift in which it is suggested that poor Irish families could raise their income by selling their children to be eaten.  
answer: *A Modest Proposal*

## BONUSES

1. For 10 points each, given the name of a famous work, give the author who wrote them:
  - A. *The Bluest Eye*  
answer: Toni Morrison
  - B. *Palace Walk*, part of his Cairo Trilogy  
answer: Naguib Mahfouz
  - C. *Exodus* and *Trinity*  
answer: Leon Uris
  
2. Peter and the Wolf is a well known children's composition by Prokofiev. For 10 points each, name the instrument that represents the character.
  - A. The duck  
answer: oboe
  - B. The Grandfather  
answer: bassoon
  - C. The wolf is typically played by French horns but traditionally how many are needed for the piece?  
answer: 3
  
3. For 10 points each, name these quantities that are equal to the following:
  - A. This is equal to the force multiplied by the velocity of an object and is expressed in units of work.  
answer: power
  - B. This equals the square of the velocity divided by the radius.  
answer: centripetal acceleration
  - C. This equals the torque divided by alpha or angular acceleration.  
answer: moment of inertia
  
4. For 10 points each, identify the famous naturalist.
  - A. This naturalist traveled the world in the HMS Beagle.  
answer: Charles Darwin
  - B. This naturalist proposed similar ideas after the publication of Darwin's *Origin of the Species* and considered to be the Father of Biogeography.  
answer: Alfred Russel Wallace
  - C. This man actually came up with the phrase "survival of the fittest" and not Darwin.  
answer: Herbert Spencer
  
5. For 10 points each, answer the following questions about a city in Spain.
  - A. What is this city, the one of the most influential ports in the Mediterranean Sea.  
answer: Barcelona
  - B. This famous and unique architect constructed many of the buildings in Barcelona, including La Sagrada Familia and Parque Guall.  
answer: Gaudí
  - C. The people living in Barcelona speak Spanish, but most are also fluent in this native language.  
answer: Catalan

6. For ten points, it's time to get your "act" together. Answer these questions with something in common:
- A. *Beauty Is the Word* was this American playwright's first one act play. He is more famous for his *A Cat on the Hot Tin Roof* or the *Glass Menagerie*.  
 answer: Tennessee Williams
- B. This is the max score one can get on the subject area tests on the ACT.  
 answer: 36
- C. This act of Congress was passed by the United States Congress on September 18, 1850, as part of the Compromise of 1850 between Southern slaveholding interests and Northern Free-Soilers.  
 answer: Fugitive Slave Act
7. Actors can become Governors, too, and apparently act in the same films together. For ten points each, name the movies that both Arnold Schwarzenegger and Jesse "The Body" Ventura both appeared in:
- A. In 1987, they both appeared in this sci-fi movie, taking place in the jungles of Guatemala, where they are hunted by the titular alien.  
 answer: Predator
- B. Again, in 1987, they appeared in this Stephen King movie where Arnold competes in a deadly game show.  
 answer: The Running Man
- C. In 1997, they both appeared in this movie where Arnold plays Dr. Freeze and Jesse plays a minor role of an Arkham Asylum guard.  
 answer: Batman and Robin (do not prompt on Batman)
8. For ten points each, given the description of the sin, identify the circle of hell they would be condemn to, according to Dante:
- A. Those who were unbaptized or the virtuous pagan must spend eternity here.  
 answer: 1<sup>st</sup> circle (accept Limbo)
- B. The wrathful fight each other here whereas the slothful lay drowning below the swamps.  
 answer: 5<sup>th</sup> circle
- C. Heretics are trapped here in flaming tombs.  
 answer: 6<sup>th</sup> circle
9. For ten points each, names these different figures of speech:
- A. This is a grammar error that can be used as an expression and it is the repetition of negative words.  
 answer: double negative
- B. Use of exaggerated terms for emphasis.  
 answer: hyperbole
- C. This form of metonymy is used when a part of something is used to describe the whole, as 'muscle' is used in 'The muscle is here to make sure things get done, boss.'  
 answer: synecdoche
10. Pencil and paper ready. A particle is traveling in a circular path of radius 1 meter with an angular velocity of 2 radians per second. For 10 points each –
- A. What is its speed in meters per second?  
 answer: 2 meters per second
- B. What is its centripetal acceleration in meters per second per second?  
 answer: 0.4 m/s<sup>2</sup> or 2/5 m/s<sup>2</sup>
- C. If it has a mass of 5 kilograms, what is the magnitude of the net force on it in newtons?  
 answer: 20 newtons

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