

CHARTER CHALLENGE 3 (JAN 2007)

ROUND 1

1st and 3rd periods. In these periods, your team will choose a category and be read ten questions. After each response, the moderator will indicate whether or not it was correct.

Bonus Category: **STRUCTURES AND BUILDINGS**

1. What term was coined for the 1883 Chicago Home Insurance Company building because of its tall steel skeleton?

answer: skyscraper

2. Also a temple, what term describes a Jewish place of worship?

answer: synagogue

3. A place where curators collect items of historical interest, such as the Smithsonian.

answer: museum

4. Structures like Three Rivers and Lincoln Field built for large events such as athletics.

answer: stadium

5. Polygonal name given to the Virginia headquarters of the Defense Department.

answer: The Pentagon

6. Building that houses telescopes for astronomers.

answer: observatory

7. Structure where Wilbur lived in *Charlotte's Web*.

answer: barn or pigpen (prompt on "farm", which isn't a building)

8. Place that means "to train naked" because that's what the Ancient Greeks did.

answer: gymnasium

9. This type of school teaches music and the arts.

answer: conservatory

10. Where you would expect to find a urologist, oncologist, and podiatrist working together.

answer: hospital (accept: the doctor's office or equivalent)

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Bonus Category: CONTINENTS

Given geographic features, name the continent on which you'd find them. Answers may repeat.

1. Mount Kilimanjaro and Mount Cameroon

answer: Africa

2. Caspian Sea and Aral Sea

answer: Asia

3. Lake Maracaibo and Lake Titicaca

answer: South America

4. Mount Erebus and Vinson Massif

answer: Antarctica

5. Strait of Hormuz and Strait of Malacca

answer: Asia

6. Great Sandy Desert and Great Victoria Desert

answer: Australia

7. Cape Verde and Cape of Good Hope

answer: Africa

8. Baffin Island and Vancouver Island

answer: North America

9. Iberian Peninsula and Jutland Peninsula

answer: Europe

10. Kalahari Desert and Namib Desert

answer: Africa

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Bonus Category: DISNEY VILLAINS

Given a Disney movie, name the main villain of the film.

1. *Peter Pan*

answer: Captain James Hook (accept any underlined name for all parts)

2. *One Hundred and One Dalmatians*

answer: Cruella De Vil

3. *Aladdin*

answer: Jafar

4. *DuckTales: The Movie*

answer: Merlock the Magician

5. *Cinderella*

answer: The Wicked Stepmother or Lady Tremaine (do not accept "The Wicked Stepsisters")

6. *Sleeping Beauty*

answer: Maleficent

7. *The Lion King*

answer: Scar

8. *A Bug's Life*

answer: Hopper (accept: The Grasshoppers)

9. *Inspector Gadget*

answer: Dr. Claw or Sanford Scolex

10. *The Incredibles*

answer: Syndrome or Buddy Pine or Incredi-Boy

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Bonus Category: THE SOLAR SYSTEM

Given a feature, name the object in the solar system being described.

1. Has 63 known moons, more than any other planet.

answer: Jupiter

2. Accounts for over 99% of the mass in the solar system.

answer: the Sun

3. Covered in iron oxides, giving the planet a red color.

answer: Mars

4. Contains a large hole in its atmosphere called the Great Dark Spot.

answer: Neptune

5. Contains the Sea of Tranquility and the Sea of Serenity.

answer: the Moon or Luna

6. Has sets of planetary rings labeled "A" through "G".

answer: Saturn

7. Passes the Earth every 76 years, most recently in 1986.

answer: Halley's Comet

8. Has a carbon dioxide atmosphere causing a greenhouse effect.

answer: Venus

9. There are over 200 of these with radii over 100 kilometers between Mars and Jupiter.

answer: asteroids

10. The lowest point on its surface is in the Mariana Trench

answer: the Earth

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Bonus Category: SAME LAST NAME

What shared name do these people have?

1. NFL players Ronde and Tiki

answer: Barber

2. Presidents William Henry and Benjamin

answer: Harrison

3. Actors Daniel, William, Stephen, and Alec

answer: Baldwin

4. Authors Charlotte, Emily, and Anne

answer: Bronte

5. Cartoon characters Barney, Betty, and Bam-Bam

answer: Rubble

6. French scientists Irene, Pierre and Marie

answer: Curie

7. Colonial Boston Founding Fathers Sam and John Quincy

answer: Adams

8. Tennis players Venus and Serena

answer: Williams

9. Literary characters John, Michael, and Wendy

answer: Darling [from *Peter Pan*]

10. Composers Carl Philip Emmanuel, Johann Christoph, and Johann Sebastian

answer: Bach

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2nd period: This period contains twenty tossups worth 10 points each. When you think you know the answer, signal with your buzzer and your team will have five seconds to respond.

TOSSUPS:

1. For his humanitarian efforts including Habitat for Humanity, what former U.S. President from Georgia won a Nobel Peace Prize in 2002?

answer: (James Earl) "Jimmy" Carter

2. In a fraction what term meaning "tell how many" is given to the number above the denominator?

answer: numerator

3. Cartography is the practice of making what objects useful to a geographer?

answer: maps or globes

4. In 2003, mobs killed a man in Malawi when it was believed the government colluded with these creatures. The D&D Monster manual states that you kill one by drowning them for two rounds, exposing them to sunlight for two rounds, or using a wooden stake. What are these creatures of the night?

answer: vampires

5. Who painted *Madonna and Child*, *The Last Supper*, and *The Mona Lisa*, and whose "code" was the subject of a 2006 film?

answer: Leonardo Da Vinci

6. Partive ones include "some" and "any". Indefinite ones include "a" and "an". What is this part of speech whose definite variety includes the word "the"?

answer: article

7. Pencil and paper ready. Six Cheetos constitute one serving and Kyle and Rob share a bag of twelve servings equally. How many Cheetos did Kyle and Rob each eat?

answer: 36 Cheetos

8. They are listed twice in the Bible, in Deuteronomy chapter 5 and Exodus chapter 20. What are these rules given to Moses on Mount Sinai?

answer: Ten Commandments

9. What term trademarked by AOL refers to a set of frequent contacts of a user on instant messenger?

answer: Buddy List

10. Her 156 IQ earned her an A+++ on a *Wind in the Willows* test. She once made a perpetual motion device but Homer told her to obey the laws of physics. Who is this sister of Bart?

answer: Lisa Simpson

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11. The 2012 Summer Olympics will be hosted by what European City located on the British Isles?

answer: London

12. What Greek term for "rule of the people" describes a form of government in which citizens help to make decisions?

answer: democracy

13. *The Winter's Tale*, *Cymbeline*, *The Comedy of Errors*, *All's Well That Ends Well*, and *A Midsummer Night's Dream* are all plays written by what English dramatist?

answer: William Shakespeare

14. Name any two of the three states that contains parts of Yellowstone national park.

answer: Wyoming, Montana, or Idaho

15. For Uruguay August 25. Iceland observes it on June 17. In Mexico it's September 16. Mozambique gained it from Portugal on June 25. What is this day, that in the United States is celebrated on July 4?

answer: Independence Day

16. Horizontal strings stretching away from the keyboard are what differentiate what kind of piano from uprights?

answer: grand piano

17. When a civil engineer talks about the grade of this simple machine, he is referring to the steepness of its slope. What is this simple machine that helps to raise an object over a distance?

answer: inclined plane or ramp

18. 212 degrees Fahrenheit, the boiling point of water, is equal to what value on the Celsius temperature scale?

answer: 100 degrees

19. Standing 324 meters tall, the names of 72 engineers and scientists are engraved on this landmark designed for the 100th anniversary of the French Revolution. What is this tallest structure in Paris?

answer: Eiffel Tower

20. They first appeared in *The Big Honey Hunt* and in 2000 added a fifth member to the family, a sister named Honey. Who are these ursine characters named Papa, Mama, Brother, and Sister?

answer: The Berenstain Bears

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4th period: This period contains twenty tossups worth 15 points each. When you think you know the answer, signal with your buzzer and your team will have five seconds to respond.

TOSSUPS:

1. The most recent member to join this Confederation was Jura, and many other cantons joined it to fight the Austrian empire. What is this mountainous nation historically known for its neutrality?

answer: Switzerland

2. What two chemical elements combine to form water?

answer: hydrogen and oxygen

3. The Rubik's Cube can be different in 43 quintillion ways. Remembering that one trillion has nine zeroes, how many zeroes are in the number 43 quintillion?

answer: 15 [one quadrillion has twelve zeroes]

4. Rivers in this state include the Big Black and Yazoo. It was second to secede from the Union after South Carolina and the author William Faulkner wrote about it. Name this Gulf Coast state with capital Jackson.

answer: Mississippi

5. On *Robot Chicken* he is locked in a bakery and eats everything, while the residents of *South Park* were confused when he told them he had assistants he called "aides". He used to weigh 425 pounds but lost over 200. Who is this spokesman for Subway?

answer: Jared Fogle (accept either underlined name)

6. He was the fifth batter of the ninth inning. Cooney and Burrows were out, but Flynn and Blake got hits, causing the crowd to hope their hero could save the day. Who is this man who struck out, causing Mudville to lose the game in an Ernest Thayer poem?

answer: Casey (at the Bat)

7. In what country did the National Socialist Workers Party rule from 1933 until 1945 during the Third Reich?

answer: Germany

8. What term describes singing with orchestral accompaniment, especially by a soloist in an opera?

answer: aria

9. In Italian there are Piedmontese and Tuscan, while English has Welsh, American, British, and Indian varieties. What are these different forms of the same language called?

answer: dialects

10. It originally had a height of seven inches, but winning teams added silver bands to it so that now it weighs 32 pounds. What is this trophy awarded by the National Hockey League?

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answer: Stanley Cup

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11. The term refers to a belief in rigid morals and denying oneself comfort, but really means a group that sought to find a middle ground between Catholicism and the Church of England. Who is this religious group that founded the Massachusetts colony?

answer: Puritanism

12. Formed of triatomic oxygen, what layer of the atmosphere protects the Earth from radiation?

answer: ozone layer

13. A cannonball hit him when he was a Hessian soldier in the Revolutionary War, and he is said to ride forth to the scene of battle in a nightly quest. Who is this creation by Washington Irving that scares Ichabod Crane in *The Legend of Sleepy Hollow*?

answer: The Headless Horseman

14. The resting place of drowned sailor is said to be his locker. Who is this character that in *Pirates of the Caribbean* has tentacles for a beard and captains the Flying Dutchman?

answer: Davy Jones (prompt on partial answer)

15. Who composed the operas *Don Giovanni*, *The Magic Flute*, and *The Marriage of Figaro*?

answer: Wolfgang Amadeus Mozart

16. This game must be played with masks, wickets, and a volleyball. The rules are made up as you go along, except that the rules can never be the same twice. Name this game invented by Bill Watterson played by an over-active six-year old and a stuffed tiger named Hobbes.

answer: Calvinball

17. A rectangle has a perimeter of 30 inches and an area of 50 square inches. What, in inches, are its dimensions?

answer: 5 inches by 10 inches

18. What term starting with "I" describes sentences such as "Answer this question." that make a demand or request?

answer: imperative

19. While lava flows out of volcanoes, what term is given to lava lying beneath the surface of the Earth?

answer: magma

20. They are floating in "Feel Good, Inc" and shot down in "El Manana" by Gorillaz. One is built in *Animal Farm* and Don Quixote thought they were giants. What are these towers that harness the atmosphere to move turbines?

answer: windmill(s)