

CHARTER CHALLENGE 4 (JAN 2008)
ROUND 11

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

Bonus Category: "DOUBLE" ANSWERS

Each correct response in this category contains the word "double".

1. This is when two baseball games are played on the same day.

answer: double header

2. What instrument is the largest and deepest-toned of the oboes?

answer: double bassoon

3. This is a suit or jacket with a wide overlap in the front, usually with two rows of buttons.

answer: double breasted

4. In George Orwell's *1984*, this was defined as the ability to hold two beliefs at the same time.

answer: doublethink

5. In law, what refers to being tried for the same crime twice?

answer: double jeopardy

6. This basketball term refers to a player getting at least ten of two of points, rebounds, assists, steals, and blocked shots.

answer: double double

7. What is the shape of DNA?

answer: double helix

8. What game show hosted by Marc Summers had teams taking sloppy physical challenges?

answer: Double Dare

9. Thomas Young performed what experiment to investigate the nature of light?

answer: double-slit

10. In tennis, this is failing to have a serve fall in the appropriate box in two tries.

answer: double fault

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Bonus Category: LEGAL TERMS

1. What is the correct way to address a judge while in court?

answer: Your Honor

2. People who do not want to testify against themselves are said to "take" what amendment?

answer: the fifth amendment

3. What term describes a person accused of a crime, or a person being sued?

answer: defendant

4. What describes murders in which the criminal planned his actions before the murder occurred?

answer: premeditated

5. Led by a foreman, this group of twelve is said to be "hung" if it can not reach a verdict.

answer: jury

6. What kind of document would be examined in probate court, which describes someone's wishes?

answer: last will and testament

7. What is the crime of burning a building to destroy someone's property?

answer: arson

8. A court may issue one of these documents which compels a person to appear in court and testify.

answer: summons

9. What term describes police officers who maintain order in the court and provide security?

answer: bailiff (accept: marshal)

10. A lawyer may raise one of these motions, claiming testimony violates the rules of the court. The judge will either overrule or sustain it.

answer: objection

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Bonus Category: MATH CALCULATIONS

Simplify these mathematical expressions.

1. The square root of 144.

answer: 12 (or -12)

2. x to the fifth power divided by x to the third

answer: x squared (or x to the second power)

3. Five plus seven times nine

answer: 68

4. Three fifths minus one fourth

answer: $7/20$ or seven twentieths

5. The quantity b squared raised to the fifth power

answer: b to the tenth power

6. The absolute value of a minus a

answer: 0

7. The quantity x minus three times the quantity x plus three

answer: x squared minus nine

8. z to the zero power

answer: 1

9. Eighty divided by four minus three

answer: 17

10. The greatest common factor of 120 and 24.

answer: 24

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Bonus Category: NAME THAT TV SHOW

Given a plot, name the show on which it could occur.

1. Sean Finnerty thinks that Claudia is pregnant again, while Lily's boyfriend Brad goes to space camp.

answer: Grounded For Life

2. Squidward's personality changes when electrocuted, while the Krusty Krab is given a theme.

answer: Spongebob Squarepants

3. The title character tells her boyfriend Jake Ryan that she's secretly a pop star.

answer: Hannah Montana

4. Jack and Sayid [sigh-EED] confront "the Others" while John Locke refuses to push the button.

answer: Lost

5. Identical twins wish for superpowers when they see a shooting star, and fight Mr. Moseby.

answer: The Suite Life of Zack and Cody

6. A girl goes to the previously all-boy Pacific Coast Academy with her brother Dustin.

answer: Zoey 101

7. Joan wants to get together with an old fling, but Maya and Lynn intervene.

answer: Girlfriends

8. Master Shake and Meatwad are arrested while driving.

answer: Aqua Teen Hunger Force

9. Peh Gei [PEE GEE] goes to tribal council with none of her original tribe mates, and Jeff Probst tells her "The Tribe has spoken".

answer: Survivor: China

10. Mike and Susan get married in the woods, Lynette discovers she has cancer, and Bree pretends to be pregnant.

answer: Desperate Housewives

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Bonus Category: FRENCH AND SPANISH PHRASES

1. What is Spanish for "please"?

answer: por favor

2. What is Spanish for "good day"?

answer: Buenos días

3. What channel has a name meaning "ESPN sports" in Spanish?

answer: ESPN Deportes

4. This Spanish phrase for "I want Taco Bell" was used in commercials.

answer: Yo quiero taco bell

5. What is Spanish for "I don't speak Spanish"?

answer: No hablo Español

6. What is French for "enjoy your meal"?

answer: bon appetit

7. What is French for "thank you"?

answer: merci

8. Literally "already seen", this French phrase is the impression you've done something before.

answer: deja vu

9. Meaning "fashionable", this French phrase means served with ice cream.

answer: a la mode

10. What is French for "yes"?

answer: oui [WEE]

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. Along with Thomas McKean and George Reed, he served in the Continental Congress. When those two men were deadlocked on the Independence vote, he rode eighty miles through a thunderstorm to break the tie. Who is this patriot depicted on Delaware's state quarter, the namesake of a high school near Dover?

answer: Caesar Rodney

2. The Allegheny, Monongahela, [mah-NON-ga-HEAL-ah] and Ohio are the Three Rivers near what Pennsylvania city famous for its steel?

answer: Pittsburgh

3. President Nixon had to ultimately resign because it was believed that his employees were behind the break-in of the Democratic National Headquarters in what Washington D.C. hotel?

answer: Watergate

4. "Children's and Household Tales" is a collection by what German brothers that collected folktales?

answer: The Brothers Grimm or Jacob and Wilhelm Grimm

5. *Chaos and Creation in the Backyard* and *Memory Almost Full* are solo albums by what former Beatle?

answer: (Sir) Paul McCartney

6. What term describes the French-Canadians forced to move from Nova Scotia and surrounding areas, many of which settled in Louisiana and whose descendants are known for spicy cooking?

answer: Cajun(s)

7. Patrick Swayze, Brooke Shields, and Lucy Lawless have all appeared in stage versions. Songs include "Mooning", "Alone at a Drive-In Movie", and "Look at Me, I'm Sandra Dee". It was the show contestants auditioned for on *You're the One That I Want*. Name this musical set at Rydell High School.

answer: Grease

8. This force is proportional to the mass of an object and decreases with distance. It affects your weight, which is why on the Moon you would weigh less. What is this force that causes things to fall?

answer: gravity

9. What is the name of the Semitic people who lived in Palestine at the time of the Old Testament and traced their ancestry to Abraham?

answer: Hebrew

10. Pencil and paper ready. Excluding the number one, which is not considered prime, how many prime numbers are less than ten?

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answer: 4 prime numbers

11. In the sentence "He was absent for three days", what part of speech is the word "absent", which describes the subject "he"?

answer: adjective

12. France's Louis XIV was given a nickname using what object of the Solar System?

answer: the Sun King

13. It ran west via the Gobi Desert, Samarkand, and Antioch where Mediterranean ports were waiting for goods from China. What was this route named for a smooth material spun by worms?

answer: Silk Road

14. "Panda Express Makes Delicious Avocado Soup", "Please Execute My Dumb Assassin Sam" and "Please Excuse My Dear Aunt Sally" are three mnemonics to help us remember what rules of algebra?

answer: order of operations (accept equivalent)

15. An urban myth says that graduate students get it eating only pasta. Symptoms include liver spots, soft gums, and bleeding from the mucous membranes. Sailors commonly suffered from this disease, as they would have limited access to fresh fruits such as lemons. What is this deficiency of vitamin C?

answer: scurvy

16. He was the leader of the United States Marine Band and wrote "Stars and Stripes Forever". Who is this "March King" who has a circular bass tuba named for him?

answer: John Philip Sousa

17. The estimated chance of an amateur making one is about 12,700 to 1, while for a pro it is about 3700 to 1. Sometimes called an ace, it is usually near impossible to do on a par four or five. What is this shot in which a golf ball goes directly from the tee to the cup?

answer: hole in one (accept ace before given)

18. What is defined as distance divided by time?

answer: speed (do not accept "velocity", which would require a direction as well)

19. King Shahyar's wife is unfaithful to him, so he has her put to death. Each night he has a new bride brought to him and each morning they are also put to death. But Scheherazade comes up with a clever plan by not finishing a story, and thus is saved. This occurs in what collection of Arabic folk tales?

answer: The Thousand and One Nights or Arabian Nights or the Thousand Myths

20. Its acid used to be called oil of vitriol and it can vulcanize rubber and make gunpowder and matches. What is this nonmetallic element, a yellow solid that burns with a suffocating odor?

answer: sulfur (accept sulfuric)

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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. In the command "Please give me some coffee", the subject of the sentence is not actually one of the words said, but rather is understood. What is the subject?

answer: you

2. It is listed in Matthew and Luke. Different versions use the words "debts", "trespasses", and "sins", and ask God to forgive us. What is this text that begins "Our Father who art in Heaven"?

answer: the Lord's Prayer

3. Annual plants are those that complete their life cycle in one growing season. What term describes plants that live for a number of years?

answer: perennial(s)

4. In Chinese history, the Imperial Throne was known by what name referring to a fire-breathing creature?

answer: Dragon Throne

5. He has a sick daughter that he tries to steal money for, and when running from the police he falls into an experiment and is transformed. Who is this thug that killed Uncle Ben in *Spider Man*?

answer: the Sandman or Flint Marko (accept any underlined name)

6. Wanda Li, Ralphie Tennelli, Phoebe Terese, Keesha Franklin, Dorothy Ann, Carlos Ramone, Arnold Perlstein, and Ms. Frizzle are characters in what series of books in which a third grade class takes a yellow mode of transportation through space?

answer: Magic School Bus

7. Famous ones are located at Mount Palomar and Mauna Kea. They come in reflecting and refracting varieties. What are these optical devices used to peer into space?

answer: telescope

8. What is the shared last name of the authors of *Jane Eyre* and *Wuthering Heights*, written by literary sisters Charlotte and Emily?

answer: Bronte

9. What name is given to the marshlands extending south of Lake Okeechobee of southern Florida?

answer: the Everglades

10. In computer science, one of these is said to be "first in first out". What is this data structure, used by printers to line up the jobs they are about to print, whose name sounds like the seventeenth letter of the alphabet?

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answer: queue

11. Horace Walpole's *The Castle of Otranto* and Mary Shelley's *Frankenstein* are examples of this type of writing that emphasizes castles, secret passages, and ghosts. What is this word, that also means a subculture that includes medieval styles, mystical sounds and outlooks, and dressing in black clothing.

answer: Gothic (accept Gothic Romance)

12. Serrefine was Evan O'Dorney's final challenge is what 2007 competition which requires contestants to ask for definitions and pronunciations to figure out the letters in words?

answer: Scripps National Spelling Bee (accept either)

13. Acute, grave, circumflex, and cedaila are the types used in French. What are these marks placed on letters that affect the pronunciation of a word?

answer: accent(s)

14. In what country was the Shah deposed in 1979, and whose current leader Ahmadinejad is disliked in the West due to his efforts at building nuclear reactors?

answer: Iran

15. He lives at the Skypad Apartments in Orbit City, and pushes a button on RUDI while working at Spacle Sprockets. Who is this father of Judy and Elroy and husband of Jane in a futuristic cartoon?

answer: George Jetson (accept either)

16. What term describes the paintings of Max Ernst, Rene Magritte, and Salvador Dali, which feature bizarre and surprise elements that seems fantastic, dreamlike, and not real?

answer: surrealism

17. First he is owned by Fern Arable, and later when he gets big, by Homer Zuckerman. But Zuckerman is going to have him slaughtered, so a friend writes "some pig" to save him. Who is this swine helped by Charlotte in E.B. White's work?

answer: Wilbur

18. The Fields Medal is given to someone in this profession, and topics studied in it include group theory, topology, set theory, logic, and combinatorics. What is this subject, learned by most students, that doesn't always deal with numbers?

answer: mathematics

19. Pencil and paper ready. There are 435 representatives, 100 senators, and 3 D.C. votes that generate the total number of votes in the Electoral College, and a candidate needs a majority of the votes to become President. What would be the least number of votes necessary, which is a multiple of ten?

answer: 270 votes

20. The Senate refused to ratify what treaty ending World War I, which was named for a palace outside of Paris?

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answer: Treaty of Versailles [ver-SIGH]