

CHARTER CHALLENGE 4 (JAN 2008)
ROUND 4

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: ANCIENT EGYPT

1. Flowing into the Mediterranean, the Egyptian civilization was built on the banks of what river?

answer: Nile

2. By what name was the burial tomb of King Khufu known as?

answer: the Great Pyramid (prompt on "pyramid")

3. What pharaoh was married to Nefertari and is thought to have let Moses "people go"?

answer: Ramses II or Ramses the Great or Ramesses

4. In mythology, what heavenly body symbolized the God Ra?

answer: the Sun

5. Found in tombs, what system of writing has a Greek name meaning "sacred carving"?

answer: hieroglyph(ics)

6. What daughter of Ptolemy XII [TOL-uh-me] was an Egyptian queen who was romantically involved with Julius Caesar and Mark Anthony?

answer: Cleopatra VII

7. The Sphinx had the head of a man and the body of what animal?

answer: lion

8. Pencil and paper ready. A pyramid has a square base of 3 feet to a side and a height of 6. What is its volume, in cubic feet?

answer: 18 cubic feet

9. The Frenchman Champollion deciphered what stone to understand ancient Egyptian writing?

answer: Rosetta Stone

10. Egyptians built long columns with pyramids at the top, such as the Washington Monument. What name is given to this shape?

answer: obelisk

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Bonus Category: **ORGANS OF THE BODY**

1. Food is broken down in what organ through gastric acids?

answer: stomach

2. Venules, arterioles, and capillaries are types of what?

answer: blood vessels (do not accept "artery" or "vein")

3. What is the outermost layer of the skin called?

answer: epidermis

4. Also called the windpipe, this connects the larynx with the bronchi.

answer: trachea

5. The deltoid, obliques, biceps and triceps are types of what organs that contract during movement?

answer: muscle(s)

6. The pineal, thyroid, and pituitary are examples of what kind of organ that secretes hormones?

answer: gland

7. The pancreas releases what protein to lower blood sugar levels?

answer: insulin

8. Women carry fetuses in what pelvis area also called the womb?

answer: uterus

9. The cerebrum, cerebellum, and temporal lobe are sections of what organ?

answer: brain

10. A nephrologist studies this pair of organs that filter the blood.

answer: kidney(s)

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Bonus Category: DR. SEUSS BOOKS

Given a passage by Dr. Seuss, name the book.

1. "Yes. Some are red. And some are blue. Some are old. And some are new."

answer: One Fish, two fish, red fish, blue fish

2. "Wet foot/Dry Foot/High Foot/Low Foot"

answer: The Foot Book

3. "You will see something new. Two things. And I call them thing one and thing two"

answer: The Cat in the Hat

4. "Did you ever have the feeling there's a wasket in your basket?"

answer: There's a Wocket in my Pocket!

5. "Would you like them in a house? Would you like them with a mouse?"

answer: Green Eggs and Ham

6. "Walk/Walk/We like to walk. Walk/Talk/We like to talk"

answer: Hop on Pop

7. "He turned around fast, and he saw a small Who! Little Cindy-Lou Who, who was not more than two."

answer: How the Grinch Stole Christmas

8. "A person's a person, no matter how small"

answer: Horton Hears A Who

9. "I speak for the trees, for the trees have no tongues."

answer: The Lorax

10. "You have brains in your head. You have feet in your shoes. You can steer yourself any direction you choose. You're on your own, and you know what you know."

answer: "Oh, the Places You'll Go!"

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Bonus Category: MATH GLOSSARY

1. What is the top value in a fraction called?

answer: numerator

2. This is a chord that connects opposite sides of a circle and goes through the center.

answer: diameter

3. It is what results when you take a dividend and divide by a divisor.

answer: quotient

4. This is the digit two places to the right of a decimal point.

answer: hundredths (do not accept "hundreds")

5. What kind of number leaves a remainder of one when divided by two?

answer: odd

6. What polygon has six sides?

answer: hexagon

7. What is ten thousand times ten thousand?

answer: one hundred million

8. What is the longest side of a triangle called?

answer: hypotenuse

9. What term describes a line that touches a curve at one point or in trigonometry equals opposite over adjacent?

answer: tangent

10. What branch of mathematics was discovered by Newton and Leibniz, and involves derivatives and integrals?

answer: calculus

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Bonus Category: POKEMON IN DEPTH

Given a pokemon, name the pokemon it directly evolved from. For example, if I were to give Raichu, the answer would be pikachu.

1. Arcanine

answer: Growlithe

2. Ivysaur

answer: Bulbasaur

3. Togetic

answer: Togepi

4. Kingler

answer: Krabby

5. Dragonair

answer: Dratini

6. Umbreon

answer: Eevee

7. Prinplup

answer: Piplup

8. Lopunny

answer: Buneary

9. Kakuna

answer: Weedle

10. Alakazam

answer: Kadabra

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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. It tells the story of a London solicitor named John Harker who journeys to Transylvania. Harker sees his employer crawling face downwards on the outside wall of his castle, like a bat. What is this Bram Stoker work about a vampire?

answer: Dracula (do not accept "Count Dracula")

2. In July 2007 the Vatican unusually issued a set of these for drivers that included "Feel responsible for others". In the bible they are listed in Exodus and Deuteronomy. What are these lists of "thou shalt nots"?

answer: Ten Commandments

3. In Russian this number is *dwa*. In German it is *zwei* [ZUHvye]. In French it is *deux* [DUH]. What is this number that in Spanish is *dos* [DOSE]?

answer: two

4. What were the names of the professional fighters of ancient Rome that fought to the death in amphitheaters?

answer: gladiator(s)

5. "Joyful", "elated", and "glad" are examples of what kind of words having nearly the same meaning?

answer: synonym(s)

6. What is Johannes Gutenberg credited with inventing in the 15th century, which allowed him to mass produce a bible?

answer: printing press or moveable hand-set type (accept equivalent)

7. What name is collectively given to the states Maine, Connecticut, New Hampshire, Rhode Island, Massachusetts and Vermont?

answer: New England

8. Some of his catch phrases are "on the razor's edge", "timing is everything", and "open the case". Who is this host of *Deal or No Deal*?

answer: Howie Mandel

9. Francis Beaufort devised a scale to measure it, and you can use an anemometer to do so. What is this atmospheric phenomenon common in hurricanes and tornadoes?

answer: wind

10. Who had success on Hip Hop charts with his album *The Price of Fame* that included the singles "Shorties Like Mine", "Outta My System", and "I'm a Flirt"?

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answer: (Lil) Bow Wow or Shad Gregory Moss

11. Pencil and paper ready. Pavitra has 200 pieces of candy. If 12 trick-or-treaters come to the door at Halloween, what is the most number of pieces that each costumed guest could receive?

answer: 16

12. A Senator since 1973 and Chairman of the Committee on Foreign Relations, which of Delaware's U.S. Senators ran for President?

answer: Joseph "Joe" Biden

13. What leader had the Arc de Triomphe built to honor his troops, which bears the names of French generals who fought in the early 1800s?

answer: Napoleon Bonaparte (accept either)

14. In Italian, this word means little twine, and it is thicker than vermicelli [ver-mih-CHELL-ee] and fedelini. What is this pasta commonly served with meatballs?

answer: spaghetti

15. Some of the objects located here are named Vesta and Pallas, and the largest is Ceres. Jupiter's gravity causes gaps between sections of it. What is this region between Mars and Jupiter with a lot of rocks?

answer: asteroid belt

16. What term describes a painting or photograph showing a person's face?

answer: portrait

17. Colonists landed there in May 1607, so 2007 marked its 400th anniversary. Its leaders included John Smith and Lord Delaware. What was this colony founded in Virginia?

answer: Jamestown

18. Chee-chee the monkey tells him there is a sickness among the African monkeys, so she sails there in a boat with Jip the dog and Dab-Dab the duck who he understands and can talk to. Name this Doctor in a Hugh Lofting work.

answer: Dr John Dolittle (accept either)

19. In the NFL, what penalty is assessed if an offensive player illegally moves before the ball is snapped?

answer: false start

20. In the Dutch version, a high price is first offered and then successively lowered until someone agrees. In the Chinese kind, you place slips of paper in containers and the drawn slip determines the winner. What is this method of selling merchandise, which commonly ends with the goods going to the highest bidder?

answer: auction

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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. While visiting, you can traverse the Riverwalk to the Tower Life Building. The local sports team plays in the A T & T Center, but previously played in the Alamodome. What is this Texas city?

answer: San Antonio

2. One use of this name was for the Nazi army also called the Brownshirts. In pop culture, it refers to an army that guards the Death Star. What is this term for armies in both Germany and *Star Wars*?

answer: Storm Troop(ers)

3. Correct the grammar in this sentence: I will divide the candy between the four of you.

answer: I will divide the candy among the four of you [between refers to two]

4. What term describes a meeting of those in a political party, especially the ones held in Iowa this month that help choose Presidential candidates?

answer: caucus

5. Pencil and paper ready. Dave goes to a fancy McDonalds and always gives the waitress a 15% tip. If Dave's food cost \$40, how many dollars should have leave for the tip?

answer: \$6

6. Warning: three answers required. One spent four years producing at MCA Records. Another's hits include "My Love is for Real" and "Straight Up". The third has the signature phrase "I don't mean to be rude, but...". Who are these three judges on *American Idol*?

answer: Randy Jackson, Paula Abdul, Simon Cowell (accept either name for all three)

7. They were authorized by President Eisenhower, who was impressed with the German autobahn and its ability to move troops around the nation. Over 46,000 miles have been built and east-west components have even numbers, while north-south have odd. What are these highways with high speed limits?

answer: Interstate Highway (System)

8. After Chiang Kai-shek lost the Chinese Civil War to Chairman Mao, to what island did he flee off the coast of China?

answer: Taiwan or Taipei

9. It commemorates the tenth plague, when the angel of death saw blood on Hebrew doors and did not kill the firstborn inside. What is this holiday during which many Jews keep kosher and eat matzo?

answer: Passover

10. In the United States, what number is the digit one followed by fifteen zeros, larger than one trillion?

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answer: one quadrillion

11. He meets the fugitive Jim on an island and together they travel down the Mississippi River. His novel opens by describing events since *The Adventures of Tom Sawyer*. Who is this Mark Twain character?

answer: The Adventures of Huckleberry Finn (accept either)

12. President Bush signed it into law in 2001 at Hamilton High School in Ohio. It requires student names to be released to military recruiters and for teachers to be "highly qualified". What is this law, largely responsible for the reading and math tests taken by students, which promises that everyone can succeed?

answer: No Child Left Behind

13. You might celebrate Mardi Gras for several days in New Orleans, but which specific day of the week is Mardi Gras?

answer: Tuesday [other names are Fat Tuesday, Shrove Tuesday and Pancake Tuesday]

14. Formed by decaying plants and animals, what term describes the nonrenewable fuels of coal, oil, and natural gas?

answer: fossil fuels

15. He said "Ask not what your country can do for you; ask what you can do for your country" in his 1961 inauguration speech. Who is this President who was later assassinated in Dallas?

answer: JFK or John Fitzgerald Kennedy

16. The opera *Amahl and the Night Visitors* by Menotti is a retelling of what story, often depicted on December 24th?

answer: the Magi or the Wise Men visiting the manger (accept any, prompt on "Jesus" on similar)

17. The term dates to the Civil War, when soldiers from North Carolina failed to hold a mountain and Mississippians had wished the soldiers would have put something on their shoes to hold them in place. What is this term now used to describe the state of North Carolina and its athletic teams?

answer: Tarheel

18. With their fiend Calvin O' Keefe, two children use tesseracts to find their father in what work by Madeleine L'Engle?

answer: A Wrinkle in Time

19. Along with six carbons, benzene also has six atoms of this element. Along with helium, it is very common in the Sun. What is this element that along with oxygen, is found in water?

answer: hydrogen

20. It is surrounded by the Sierra Nevada Mountains, Mojave Desert, and Sylvania Mountains and contains the lowest elevation in North America. In 1849 the Bennett-Arcane Party got lost here on the way to the gold rush and because of the hideous time the travelers had trying to escape, a woman gave it an unpleasant name, even though only one elderly man perished. What is this "lifeless" place in California?

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answer: Death Valley