

1st and 3rd periods. In this period, your team will choose a category and be read ten questions. After each response, the moderator will indicate whether or not it was correct, but will not read answers. After your tenth question, the other team will be given a chance to answer any questions that you missed.

Bonus Category: Four-Letter "F" words

Correct answers in this category must begin with the letter "F" and be four letters long.

1. This word for a military place comes from the Latin and French words meaning "strong".

answer: fort

2. It is what the Sun does to hydrogen atoms to make helium. You might have a "box" at home containing some that prevent electrical overloads.

answer: fuse [as in fusion]

3. *King Lear* uses one of these clowns to show the errors of the characters. The term also means jester.

answer: fool

4. These are ridges across the fingerboard of a guitar or similar instrument that help the fingers stop strings at the correct points.

answer: fret

5. A drug and alcohol treatment center is named after this 38th President's wife.

answer: Gerald Ford [The Betty Ford Clinic]

6. This German word refers to a married woman.

answer: Frau [rhymes with "how"]

7. This plural term describes where earthquakes are centered, as well as points that define conic sections such as ellipses.

answer: foci

8. In an Edgar Allen Poe work, it is what happens to the House of Usher.

answer: fall [Fall of the House of Usher]

9. A river and cape in North Carolina are called this, named due to the treacherous waters surrounding the cape and its lighthouse, and people's concerns about going near these places.

answer: Fear

10. It is the rate that heat of a fluid flows. In *Back to the Future*, Doc Brown created a capacitor of this type.

answer: flux

Bonus Category: Mystery Category

The answers in this category have something in common.

1. People with this title sit in the upper House of the British Parliament.

answer: Lord

2. Joan of Arc was called *this* of Orleans, but we don't think she did much cleaning.

answer: maid

3. Famous ones include Ringo Starr of the Beatles and Tommy Lee of Motley Crue.

answer: drummer

4. The Blue type of this was the mascot of the first Delaware Regiment in the Revolutionary War and was said to have good fighting spirit.

answer: hen

5. Middle Earth had nineteen of these. 3 were given to the elves, 7 to the dwarves, and 9 to men

answer: golden rings

6. It is believed Charles Perrault created this character, a matriarch seen flying on a gander.

answer: Mother Goose

7. Michael Phelps earned five gold medals at the 2004 Olympic in this sport.

answer: swimming

8. Rita was the first name of this African American poet who became poet laureate in 1993. Her name is also a bird symbolizing peace.

answer: Dove

9. Members of this 1970's television family included Shirley, Keith, Laurie, Danny, Christopher, and Tracy. The introduction included the image of a bird.

answer: Partridge

10. Varieties of this include Chinese sand, Elizabeth, and Bartlett.

answer: pear tree [and in case you didn't get it, the theme is 12 Days of Christmas]

Bonus Category: Party of Five

1. She starred as Julia Salinger in *Party of Five*, as well as the *Scream* movies.

answer: Neve Campbell

2. In this country, a group of 19th-century composers were called "The Five". They included Mussorgsky and Rimsky-Korsakov.

answer: Russia

3. If there are five people sitting in a row, how many different permutations of seating arrangements can be created, a number equal to five factorial?

answer: 120

4-5. In the American southeast, some Native Americans were known as the Five Civilized Tribes. Name any two of these five tribes, one of which you might associate with Florida football.

answer: Cherokee, Chickasaw, Choctaw, Creek, Seminole

6. In Hebrew this book is known as *Devarim* or "Words". What is this fifth book of the Bible, the last of the Pentateuch?

answer: Deuteronomy

7. In *Scooby Doo*, which of the five main characters is named Norville Rogers, but has a better known nickname?

answer: Shaggy

8. What term describes a musical composition for five voices or instruments?

answer: quintet

9. William Rehnquist is the Chief of this body, where it takes five votes to issue a majority opinion.

answer: Supreme Court

10. In between the Bulls six titles of the 1990's, this team won two. One of their starting five was Hakeem Olajuwon, MVP of the '94 and '95 championship finals.

answer: Houston Rockets (accept either)

Bonus Category: Records

1. Who set the record for game show winnings by appearing on 75 shows of *Jeopardy!* in 2004?

answer: Ken Jennings (accept either name)

2. The heaviest snakes in the world are this variety found in South America.

answer: anaconda

3. The highest temperature ever recorded in the United States was at this California site, named by a party of gold-seekers after not all in their party survived crossing it.

answer: Death Valley

4. As he was elected four times, this man holds the record for most days as U.S. President.

answer: FDR or Franklin Delano Roosevelt

5. His album *Goodbye Yellow Brick Road* would have been in record form when it debuted in 1973. He sang "Candle in the Wind" at Princess Di's funeral.

answer: Elton John

6-7 What two batters broke Roger Maris' home run record in 1998, both of which were later eclipsed by Barry Bonds?

answer: Mark McGwire, Sammy Sosa

8. Pope from 1846 to 1878, the longest serving pope was the ninth by what name? The term means showing reverence to God.

answer: Pius IX

9. The record for the known Mersenne type of this number has over seven million digits. What is this type of number, which can be divided only by one and itself?

answer: prime

10. The longest word in the English language is supposedly antidisestablishmentarianism, but perhaps someday this 34-letter Mary Poppins word will be accepted.

answer: Supercalifragilisticexpialidocious

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. Its deepest point is the Java Trench. What is this very large body of water east of Africa and west of Australia?

answer: Indian Ocean

2. In geology, it means a long, thin deposit of minerals often following the fractures of the surrounding terrain. What is this term that in anatomy means a blood vessel bringing blood to the heart?

answer: vein

3. Elutherin Mills, Neumours, Winterthur, and Longwood were some of the estates they built. Who is this family who founded the first company to manufacture black powder in Delaware?

answer: duPont

4. One way to make it is the worsted system. Another involves shearing, washing, dying, carding, spinning, and weaving it. What is this fiber used to make cloth from the curly coats of sheep and other animals?

answer: wool

5. These books about the three Baudelaire orphans were made into a recent movie with Jim Carrey as Count Olaf and Jude Law as the voice of Lemony Snicket.

answer: A Series of Unfortunate Events

6. Those in an aircraft can see the full circle, which is called a glory, but ground observers usually only see the top half. What is this phenomenon caused by the refraction of light by raindrops, usually when the Sun appears after a rainstorm?

answer: rainbow

7. Its name means "submission" and it is the world's second-largest monotheistic religion. Name this faith, practiced by those who believe Muhammad was God's prophet.

answer: Islam

8. This man overthrew Fulgencio Batista in 1959 and now leads the only Communist nation in North America. Who is this leader of Cuba?

answer: Fidel Castro

9. These compounds include lipids and cholesterol. Side effects include enlargement of the heart. Medically they are used to treat asthma. Name these chemicals used by athletes as a shortcut to gaining muscle mass.

answer: steroids

10. There are 746 of these in one unit of horsepower. What is this electrical unit that on lightbulbs is commonly listed as 60, 75, or 100?

answer: watt

11. Video taken during lift-off suggests that a piece of falling foam caused it to break apart during atmospheric reentry in February 2003. Name this space shuttle.

answer: Columbia

12. It is based on a 4th century poem expanded during the Ming Dynasty. Name this tale about a girl who disguises herself as a man to serve in the army in her father's place, adapted for a film by Disney.

answer: Mulan

13. In Canada, it is known as *Jour de Souvenir* [JOR DUH SOO-ven-ear], or Remembrance Day. It used to be called Armistice Day because it commemorates the treaty ending World War I. Name this holiday observed on November 11th.

answer: Veterans Day

14. Those of hydrogen are called deuterium and tritium. What are these atoms that have the same atomic number but different atomic mass due to a different number of neutrons in their nuclei?

answer: isotopes

15. Coming in the form of long sticks covered with circuit chips, most computers sold today come with 128 to 512 megabytes. Name this type of computer memory which can access contents in any order.

answer: RAM or Random Access Memory

16. Its "blue" and "white" sections come together at Khartoum in the Sudan. What is this river, on whose fertile banks the Egyptian civilization was built?

answer: Nile

17. Stephen Hawking wrote a "brief history" of it, while Madeleine L'Engle put a "wrinkle" in it. What is this word, also the title of a red-bordered newsmagazine?

answer: Time

18. After he criticized Herod Antipas for marrying Herodias, he was imprisoned. At the request of Salome he was beheaded. Who is this man that baptized Jesus?

answer: John the Baptist

19. He was born around 1400 in Mainz, Germany where today a museum commemorates his invention. Who is this man who printed a forty-two line Bible with his printing press?

answer: Johannes Gutenberg

20. Often in magnitude almost as great as the original tremor, what term describes subsequent ground movements occurring after a major earthquake?

answer: aftershock

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. Her favorite teacher is Miss Honey. Who is this title character of a Roald Dahl work who has the power to make inanimate objects move?

answer: Matilda

2. Even though they are typically six thousands degrees Fahrenheit, these appears as dark patches on the photosphere. What are these cooler regions of the Sun?

answer: sunspots

3. Osamu Tezuka, who created the Astro Boy television show, pioneered it. Name this style of East Asian animation, the word being a Japanese transliteration of animation.

answer: anime or Japanimation

4. Played by Heydon Prowse in the 1993 film, this boy is considered insane and told he will never walk. However his cousin Mary Lennox teaches him to walk and run, and that he isn't insane, only lonely. Who is this boy who overcomes his handicap in *The Secret Garden*?

answer: Colin Craven (accept either name)

5. A penny would be 3, graphite has a value 0.7, brass is 3.5, quartz is 7, and diamond is 10. What is this scale that measures a mineral's hardness?

answer: Moh's scale (prompt on "hardness")

6. Pencil and paper ready. Reduce the fraction 34 over 85 into lowest terms.

answer: 2/5 [two-fifths]

7. In history there were Glorious, Russian, and Industrial ones. In video games there is a "Dance Dance" type. What is this word, an overthrow of a government?

answer: revolution

8. It was designed around 280 B.C. during the reign of Ptolemy II. Name this wonder of the ancient world, a guide to passing ships.

answer: The Lighthouse of Alexandria (accept The Pharos)

9. This branch of linguistics deals with the structure of words and how they relate in sentences. What is this term, a set of rules that your English teacher wants you to follow when writing?

answer: grammar (prompt on "syntax")

10. He is a fictional representation of the ruling political party in George Orwell's *1984*, who is said to be "watching you". This is also the name of a CBS reality show in which viewers watch contestants trapped in a house.

answer: Big Brother

11. What U.S. state is home to the Joint Astronomical Center and the Keck Observatory, which are both located on top of the Mauna Kea volcano?

answer: Hawaii

12. Pencil and paper may be useful. In a round of golf a golfer has two eagles, three birdies, and four bogeys, with the remaining nine holes at par. What is the golfer score, with respect to par? [*reminder: 10 second question*]

answer: minus 3 or three under par

13. What name is given to a May 1864 Civil War battle because it was fought in dense woodlands of northern Virginia?

answer: Battle of the Wilderness

14. Translate this Spanish phrase: *Viernes Santo*, something that occurs two days before Easter.

answer: Good Friday

15. Wilhelm Roentgen [RONT-gen] discovered what part of the electromagnetic spectrum, commonly used in hospitals to get pictures of your bones?

answer: x-rays

16. Her father leaves her at a boarding school so he can go off to war. When the money is gone, she becomes a chambermaid and is ridiculed by the schoolgirls. Name this main character in *A Little Princess*.

answer: Sarah Crew (accept either name, and Little Princess early)

17. It is a Turkish word meaning "lord". In 1206, a Mongolian ruler named Genghis assumed the title. What is this word, whose "wrath" Captain Kirk faced in the second *Star Trek* movie?

answer: khan

18. His second symphony is called "The Little Russian". Who composed *Swan Lake*, *The 1812 Overture*, and *The Nutcracker*?

answer: Peter Ilich Tchaikovsky

19. In *Doom 3*, it is the headquarters of the UAC research system. In *Total Recall*, it gets an atmosphere. Name this planet, between Earth and the asteroid belt.

answer: Mars

20. He taught history and coached wrestling at Yorkville, Illinois before entering politics. Name this Illinois Republican, the current Speaker of the House.

answer: Dennis Hastert