

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: NUTRITION, DIETS, AND EATING

1. Lemons and oranges are good sources of this vitamin, a lack of which causes scurvy.

answer: Vitamin C or L-ascorbic acid

2. This is a vegetarian eater who also abstains from animal products such as eggs and milk.

answer: vegan

3. Breads, pastas, beans, and cereals are sources of these energy compounds, whose name indicates that they contain the elements of water.

answer: carbohydrates or saccharides

4. Named for a Miami, Florida location, what Arthur Agatston diet plan was developed to prevent heart disease?

answer: South Beach Diet

5. Different than water-soluble vitamins, A, D, and E are absorbed in what body tissues, also called lipids?

answer: fats or adipose tissue

6. Trief foods are those that do not adhere to what set of Jewish dietary laws?

answer: kosher or kashrut (or kashruth or kashrus)

7. People who consume Great Lakes fish have increased risk of poisoning by what element, chemical symbol Hg?

answer: mercury

8. Monica Lewinsky, Phylicia Rashād, and Queen Latifah have been spokeswomen for what Nestle-owned company of weight loss centers?

answer: Jenny Craig

9. Vitamin K is involved in coagulation, the process by which the body forms what temporary fixes to damaged blood vessels?

answer: clots or thrombus

10. What eating disorder is characterized by binge eating followed by purging, fasting, or overexercising?

answer: bulimia nervosa

Bonus Category: PRESIDENT OBAMA IN DEPTH

1. Prior to becoming President, Obama served as a Senator from what state?

answer: Illinois

2. Obama was named 2008 Person of the Year by what magazine with a signature red border on its cover?

answer: Time

3. Name any one of the colleges or universities that Obama attended.

answer: Harvard Law School, Columbia University, or Occidental College

4. Obama delivered his victory speech at what Chicago park named for a Civil War general and President?

answer: Grant Park

5. Name either of Obama's daughters.

answer: Malia Obama or Natasha "Sasha" Obama (accept any underlined name)

6. Obama's father was a government economist for what country whose capital is Nairobi?

answer: Kenya

7. Obama appointed Hillary Clinton to what cabinet position that oversees foreign affairs?

answer: Secretary of State

8. Obama can now make use of what VC-25 aircraft, the plane used by the President?

answer: Air Force One

9. Obama gave one of what important speeches at the 2004 Democratic Convention?

answer: keynote address

10. Herbert Hoover was the 31st President of the U.S.; what number is Obama?

answer: 44th

Bonus Category: CURRENT EVENTS

1. The 2016 Summer Olympics will be held in what South American city?

answer: Rio de Janeiro

2. What current Pope made Father Damien a saint?

answer: Benedict XVI or Joseph Alois Ratzinger

3. What international organization chose Brazil, Gabon, and Lebanon for its Security Council?

answer: U.N. or United Nations

4. In January 2010, Chris Christie will become governor of what state, replacing Jon Corzine?

answer: New Jersey

5. A hoax in Fort Collins, Colorado involved Falcon Heene supposedly becoming trapped in what type of airborne device?

answer: (helium) balloon

6. What team defeated the Philadelphia Phillies to win the 2009 World Series?

answer: New York Yankees (prompt on "New York")

7. NASA sent the LCROSS mission to what nearby body hoping to detect evidence of water?

answer: The Moon (or Luna)

8. Name either of the countries where NATO forces are battling the Taliban.

answer: Afghanistan or Pakistan

9. The Sinaloa, Los Zetas, and Beltrán Leyva are cartels operating in what country where Mérida Initiative is centered?

answer: Mexico

10. What software and computer company released a new version of its operating system called Windows 7?

answer: Microsoft

Bonus Category: BIBLICAL PLACES

1. God placed a flaming sword outside this oasis after kicking out Adam and Eve.

answer: Garden of Eden

2. "House of bread" is the Hebrew meaning of this place of Jesus' birth.

answer: Bethlehem

3. The villages of Cana and Metulla are in this region that includes a sea east of Syria.

answer: Galilee

4. Revelation mentions this Turkish city whose name means City of Brotherly Love.

answer: Philadelphia or Alaşehir

5. The Last Supper is said to have been outside this city, today the location of the Western Wall, Temple Mount, and Dome of the Rock.

answer: Jerusalem

6. According to Act, Paul's conversion took place on a road to what Syrian capital?

answer: Damascus

7. Herod created a court in what modern capital of Lebanon?

answer: Beirut or Berytus

8. What home of Joseph and Mary today contains the Church of the Annunciation?

answer Nazareth

9. Called the City of Palm Trees and known for its walls, where did Jesus convert a local tax collector named Zacharias?

answer: Jericho

10. After the Hebrews left with Moses, they traveled across what peninsula between Egypt and Israel?

answer: Sinai Peninsula

Bonus Category: STAR TREK IN DEPTH

1. Both Chris Pine and William Shatner have appeared as this captain of the *Enterprise*.

answer: James T(iberius) Kirk

2. Starfleet Academy's logo contains what bridge located in San Francisco?

answer: Golden Gate Bridge

3. In the 2009 film, the planet Romulus is destroyed by what kind of exploding star?

answer: supernova

4. Montgomery Scott is one of these people who works on the *Enterprise* engines.

answer: engineer

5. Also the Roman God of fire, Spock belongs to what race of green-blooded people?

answer: Vulcans

6. What is Dr. McCoy's nickname, examples of which are the tibia, femur, and clavicle?

answer: Bones (accept: sawbones)

7. At one point, the *Enterprise* goes to what largest moon of Saturn?

answer: Titan (accept: Titans)

8. This is the name of the Romulan captain of the mining vessel *Narada*, also a Roman emperor who supposedly fiddled while Rome burned.

answer: Nero

9. One film scene is in this state, whose largest cities include Ames, Cedar Rapids, and Dubuque [due-BOUK].

answer: Iowa

10. Spock actor Zachary Quinto is also known for his role as Sylar [SIGH-ler] on what NBC show about people with superhuman abilities?

answer: Heroes

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. The "California" convertible, 458, FXX, and 599 GTB Fiorano are luxury sports cars by what Italian company?

answer: Ferrari

2. Reflex, oblique, and complementary are words used to describes what geometrical figures formed when two rays share an endpoint called a vertex?

answer: angles

3. At 4 A.M. on Saturday, August 16 1969, the Who began their performance at what "Aquarian Exposition: 3 Days of Peace & Music" held at a dairy farm in Bethel, New York?

answer: Woodstock Music & Art Fair or Festival

4. Derived from a Latin phrase meaning "something made with skill", what would an archaeologist call an ancient tool or shard of pottery found at an excavation?

answer: artifact

5. At a diameter of six micrometers, forget-me-nots produce the smallest example of what kind of particle used in plant fertilization and spread by bees?

answer: pollen grains

6. Pencil and paper ready. Solve for x in this expression: $5x + 11$ equals $-7x - 37$. (You get 10 seconds.)

answer: x equals -4

7. A version of *Rock Band*, *Drome Racers*, *Star Wars II: The Original Trilogy*, Harry Potter years 1-4, and *Bionicle Heroes* have all been video games based on what colorful interlocking plastic bricks?

answer: LEGO

8. What color describes the 1796 Lotus Rebellion in China, the fleet of ships the U.S. sent around the world in 1907, and the cliffs at Dover, England containing chalk?

answer: white

9. Bridget Vreeland, Carmen Lowell, Lena Kaligaris, and Tibby Rollins are characters in what set of novels by Ann Brashares in which the four girls can all wear a magical pair of jeans?

answer: The Sisterhood of Traveling Pants

10. Due to allegations of adultery, what form of punishment was used on Anne Boelyn and Catherine Howard, the second and fifth wives of Henry VIII?

answer: beheading (prompt on "execution" or similar)

11. Who painted *The Conversion of Saul*, *The Last Judgment* and the ceiling of the Sistine Chapel after being recommended to the Pope by Raphael?

answer: Michelangelo di Lodovico Buonarroti Simoni

12. Rosacea [roh-SAY-suh], albinism, eczema, psoriasis, dermatitis, and acne are all conditions of what outer covering of the body?

answer: skin

13. In March 2009, Connecticut, Villanova, Michigan State, and North Carolina made up what quartet of teams in the NCAA March Madness tournament?

answer: Final Four

14. Located south of the Atlas Mountains and the Mediterranean, what region has an Arabic name meaning the "greatest desert"?

answer: Sahara

15. Stephanie Jacobsen, Colin Egglesfield, and Katie Cassidy star in what show that debuted in 2009 as a murder mystery, an updated version of a 1990's show in the Beverly Hills 90210 franchise?

answer: Melrose Place

16. In the bible, three of the Four Horsemen of the Apocalypse are War, Pestilence, and Death. Who is the fourth, a condition in which food is scarce?

answer: Famine

17. Charles Frazier's *Cold Mountain*, Michael Shaara's *The Killer Angels*, and Stephen Crane's *The Red Badge of Courage* are all work set during what conflict, also the subject of John Jakes' *North and South* trilogy?

answer: The U.S. Civil War

18. Name both of the part participles of the verb "saw," as in to cut a piece of wood.

answer: sawed and sawn

19. What term describes the title of a Mario Puzo work about the head of a Mafia family, or a male that sponsors an infant's baptism?

answer: godfather

20. What term is used to music to describe a piece in which a melody repeated such as Pachelbel's in D major, or in the Catholic Church is the process by which one is declared a saint?

answer: canon or canonization

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. These people conquered East Anglia, Northumbria, and Mercia in 865 and Alfred the Great made peace with them creating the Danelaw. This group invaded Ireland and settled Iceland, Greenland, and possibly North America. They used long ships to raid coastal towns but it is a misconception that they wore horned helmets. For 15 points—name these Scandinavians, the mascot of a Minnesota football team.

answer: vikings (accept: norsemen)

2. A July 1863 New York City riot occurred over one of these. In December 1969, one of these was conducted through a birthday lottery. Though the U.S. has not used one since 1973, the Selective Service System is in place should one be needed. President Carter forgave those who "dodged" the one for Vietnam service. For 15 points—name these ways in which men were forced to join the military.

answer: draft or conscription or anything equivalent

3. Tesla coil "leaders" are made of this, a substance that can have a double structure with parallel opposite electrical charges. Irving Langmuir named it because it reminded him of the yellow liquid in blood. Examples of this include St Elmo's Fire that appears around masts of ships, the aurora in polar skies, and much of the Sun's matter. For 15 points—name this highly-ionized state of matter that is not solid, liquid, or gas, now used in some televisions.

answer: plasma

4. This device has rock crystal parts, dials, and a saddle, and the Morlocks capture it to lure the narrator. As a dinner party discusses the fourth dimension, the main character shows a model of this device that disappears by touching a lever. This device then takes a man to see the last living crablike creature, and then an Earth that freezes to death. For 15 points—name this device in an H.G. Wells story that allows a traveler to go to the year 802,701.

answer: The Time Machine

5. *On the Alexandrine War* is often attributed to this man, and he wrote about the Civil and Gallic Wars. This man became the Illyria procounsel in 58 B.C. and later won the battle at Alesia over Vercingetorix [ver-sin-GET-tor-ricks]. A First Triumvirate member with Pompey and Crassus, when he refused to lay down his command he crossed the Rubicon River angering the Roman Senate. For 15 points—name this man assassinated on the Ides of March 44 B.C., who lends his name to the seventh calendar month.

answer: (Gaius) Julius Caesar (prompt on partial name)

6. The Allen charge is read to one of these having difficulty, and the importance of time and money are stressed when one of these cannot finish its job. Prospective members are examined in a process called *voir dire* and are "impaneled" once selected. Oregon and Louisiana only require five-sixths of one of these to agree to prevent deadlock and hung decisions. For 15 points—name this group of twelve people in a courtroom that decides whether a defendant is guilty.

answer: jury

7. One place in these works is Ilirea, the former Broddring Kingdom capital until Galbatorix seized power. The Battle of the Burning Plains ends the second part of this series, while the title of the third part is an Old Norse word for "fire". It was originally a trilogy until in 2007 it was announced that a fourth book would be included. For 15 points—name this Christopher Paolini set of books that includes *Brisingsr*, *Eldest*, and *Eragon*, that sounds like something you would be given after a person's will is read.

answer: The Inheritance Cycle (originally The Inheritance Trilogy prompt on "Eragon" until "second part")

8. Before fiber optics were invented, long distance telephone calls were transmitted using these frequencies, and the Big Bang-caused cosmic background radiation includes these. This part of the electromagnetic spectrum has a wavelength between one meter and one millimeter. Weapons such as the Silent Guardian, which police use against riots, are the so-called "pain rays" that shoot these causing people's skin to heat up. For 15 points—name these waves that heat but do not brown food, used in kitchen cooking devices.

answer: microwaves

9. The pas de chat [PAW duh SHAT] is one of these that performers do sixteen times as Cygnets in *Swan Lake*, while the grand jeté [GROND jeh-TAY] type may include a split. The emboité [EM-bwah-TAY] type includes a forty-five degree angle with the right leg while in the entrechat [EN-trah-SHOT] the legs will cross each other several times. For 15 points—name this basic ballet move which is classified according to which feet are on the ground before and after the movement in the air.

answer: jump (or leap or equivalent answer)

10. This term is derived from Italian for "scratched" and the Alexamenos one in Ancient Rome is thought to be the earliest Jesus representation. Skeme, Dondi, and MinOne are artists known for working in this genre, and a famous example in the Islington Underground said "Clapton is God". Delaware's New Castle County created a 2009 Task Force against this practice, which battles the efforts of the notorious Fast Hands Crew, whose work has been seen on I-95. For 15 points—name this form of street art also called "tagging".

answer: graffiti or graffito (prompt on anything equivalent, we need a term derived from Italian)

11. The final part of Mozart's *Requiem* is named for this. Meaning the spiritual union of all Christians, the Apostle's Creed mentions this with regard to saints. A religious practice by this name might be done by intinction, where one element is soaked for simultaneous consumption. "Do this in remembrance of me" is what Jesus told his disciples at the Last Supper. For 15 points—name this practice involving bread and wine.

answer: communion

12. The full name of the 1970s automobile Cannonball run from Connecticut to California references this song. Katherine Lee Bates originally wrote the words for this song as the poem "Pikes Peak". The fourth verse sings of patriot dreams and alabaster cities that gleam, while the first verse talks of fruited plains and mountains majesty. For 15 points—name this song that speaks of the U.S. from "sea to shining sea".

answer: America the Beautiful [the race was the Cannonball Baker Sea-To-Shining-Sea Memorial Trophy Dash]

13. Cities near this body of water include Vered Yeriho, Kalya, and Mitzpe Shalem. In some traditions, the prophet Lot lived near its shores and the punishment received by nearby people caused the depth of this area. This body contains significant amounts of calcium chloride, magnesium chloride, and sodium chloride which make it easy for swimmers to float on it. For 15 points—name this sea between Israel and Jordan, the lowest point on Earth, which is devoid of life.

answer: Dead Sea

14. Pencil and paper ready. This is the natural number equivalent of the binary number 1010 ["one, zero, one, zero"]. It is also the number of pairs of two people that can be chosen out of a group of five, and is the lowest positive integer whose square is a three-digit number. For 15 points—give this amount, the number of angles in a decagon.

answer: 10

15. The way in which files are structured in computer directories is often described by this term, and a phylogenetic one is a graphical representation of how organisms evolved. In poetry, Joyce Kilmer wrote "I think that I shall never see / A poem lovely as" one of these. Those interested in genealogy may create a family one. For 15 points—give this word, whose biological varieties include spruce, oak, and pine.

answer: tree

16. In a music video of this band, group members Johnny Buckland and Will Champion appear as birthday party puppets. Besides "Life in Technicolor II", this group that offered the free online album *Left Right Left Right Left* is led by Chris Martin and protested the Iraq War in their song "Violet Hill." For 15 points—name this group with Grammy nominated songs "The Scientist," and "Speed of Sound," and albums *X&Y* and *Viva la Vida*.

answer: Coldplay

17. The U.S. rate of these is four in a thousand and some famous people who have one of these include *American Idol* finalist Bucky Covington, gymnast Paul Hamm, singer Elvis Presley, and football player Ronde [RON-day] Barber. The rare "semi" type involves different DNA from the father but the same source from the mother. These result when a zygote splits, unlike the different embryos that cause the fraternal type. For 15 points—name this kind of birth that produces two similar people.

answer: identical twins (prompt on partial answer)

18. The home of Major League Lacrosse's Riptide, the Coliseum located in this city is the only building in the world to host Olympics twice, in 1932 and 1984. Before they moved to Saint Louis in 1995, the Rams played in this city, and before they were at Oakland, the Raiders played here too. Lisa Leslie has WNBA home games in this city's Staples Arena, as part of the Sparks. For 15 points—the full name of the Anaheim Angels includes what west coast city home to hockey's Kings and baseball's Dodgers?

answer: L.A. or Los Angeles

19. This element is found in the minerals calaverite, krennerite, and sylvanite, and the Holtermann piece of this found in Australia weighed 285 kilograms. Along with platinum, this substance is dissolved by aqua regia, and it is the most malleable and ductile pure metal known. For 15 points—name this element with atomic number 79 and symbol *Au* [A-u] whose shiny luster makes it attractive when used in jewelry, coins, and Olympic medals.

answer: gold

20. As a boy living in Princeton, this boy dated the daughter of *Hardy Boys* author Edward Strattelmeyer. During World War I, he fought Germans with his friend Remy [REM-me] and destroyed a Zeppelin. At Tanis, he refuses to free Marion Ravenwood from the Germans, fearing they will discover him while he digs for the Ark of the Covenant. For 15 points—name this archaeologist who battled Thuggees in the Temple of Doom and found the Kingdom of the Crystal Skull.

answer: Dr. Henry Walton "Indiana" Jones, Jr. (accept any underlined name)