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EDITORS: DANIEL POWTER & BILLY JOEL

GRADES 7 AND 8

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: THOMAS EDISON

1. Edison is primarily known for his work on what device, in which an electric current passes through a filament?

answer: incandescent light bulb or electric lamp or light globe

2. Edison's Menlo Park and West Orange laboratories were located in what state, also home to Atlantic City?

answer: New Jersey

3. Edison held 1,093 of what documents given by a government to protect an invention from copycat sales?

answer: patent

4. Edison promoted the use of what current, which competed with Nikolai Tesla's alternating current?

answer: DC or direct current

5. Edison improved of some inventions of what creator of the metal detector and telephone?

answer: Alexander Graham Bell

6. Edison is mentioned in what 1995 Christopher Priest work about a teleportation magic trick?

answer: The Prestige

7. Sales of a version of what Samuel Morse device for sending messages allowed Edison to build his lab?

answer: electrical or quadriplex telegraph

8. What cartoon character brings Edison to the present with a Time Pincher, a Boy Genius with robotic dog Goddard and rival Cindy Vortex?

answer: Jimmy Neutron (accept either underlined name)

9. Edison founded what company, an owner of NBC, whose slogans have included "imagination at work" and "we bring good things to life"?

answer: GE or General Electric

10. Edison was friends with what inventor of the Model-T automobile?

answer: Henry Ford

Bonus Category: MYTHICAL CREATURES

1. The Royal Throne of Denmark was said to be made of the single horns of this animal, said to neutralize poison.

answer: unicorn

2. Many believe the face of this lion-like creature at Giza is that of the Pharaoh Khafra.

answer: The Great Sphinx

3. This creature was said to be the symbol of China's Qin Shi Huang and had the horns of a deer, the head of a camel and a demon's eyes.

answer: dragon

4. Daryl Hannah played one of these in the film *Splash*, and a statue of the Hans Christian Andersen one is in Copenhagen Harbor.

answer: mermaid or merman (accept: The Little Mermaid)

5. Perseus defeated this Gorgon woman by making her look at a reflection of the snakes in her hair.

answer: Medusa

6. In Tolkien's Middle Earth, these tall beings shroud themselves in fire, darkness, and shadow. One battled Gandalf in Moria.

answer: Balrog

7. One version of this creature was a three-foot high bird with a snake's tail and teeth. It was said to be able to kill with a single stare.

answer: cockatrice (accept basilisk since ancient authors confused the two)

8. This dwarf can spin straw into gold, but demands the first-born of the of the Miller's daughter in a Grimm fairy tale.

answer: Rumpelstiltskin

9. In Norse mythology these females bring the chosen who have died bravely in battle to Valhalla.

answer: Valkyrie

10. In the Nintendo DS title *Castlevania: Order of Ecclesia*, Shanoa defeats this character by using the Dominus Union.

answer: Count Dracula

Bonus Category: FOUR E's

Each correct response in this category will contain exactly four E's.

1. This can be someone who reads an academic paper and decides whether a journal will publish it, or a person that judges a sports contest.

answer: referee

2. Clingman's Dome is the highest point in what state whose schools include Belmont and Vanderbilt Universities and Knoxville College?

answer: Tennessee

3. This character in Lewis Carroll's *Through the Looking Glass* is a partner of Tweedledum.

answer: Tweedledee

4. This is a type of plant that has leaves all year round, such as pines and Southern Live Oaks.

answer: evergreen

5. This is the Pop Warner football division for nine to eleven year olds, or Herman, a character played by Paul Reubens that had a Saturday morning Playhouse.

answer: Peewee (accept: Pee-wee Herman)

6. This swamp on the Georgia–Florida border is a playable map in *Tom Clancy's Endwar*.

answer: Okfenokee Swamp

7. This type of Pokémon with an unstable genetic code can evolve into Vaporeon, Umbreon, Leafeon, and Glaceon.

answer: Eevee

8. This music group with a rhyming name is remembered for the songs "How Deep Is Your Love", "Saturday Night Fever", and "Staying Alive".

answer: The Bee Gees

9. This is the escape of gas from solution in a liquid, especially the escape of carbon dioxide from soda.

answer: effervescence or effervescent or effervesce

10. As New York mayor, Rudy Guiliani passed laws against unwanted people using this tool to clean windows of cars in traffic and then demanding money.

answer: squeegee (accept: Squeegee Men)

Bonus Category: INDIA

1. India has what kind of government in which the people rule themselves, also found in Canada and Australia?

answer: democracy

2. Agra is the home of what white mausoleum built by the Shah Jahan for his wife?

answer: Taj Mahal

3. India's national symbol is the Bengal type of what animal whose name may refer to a river flowing near the Euphrates?

answer: Tiger [after the Tigris]

4. The majority of Indians practice what religion whose deities include Vishnu, Ganesha, and Shiva?

answer: Hinduism

5. India was world champion in the Twenty20 version of what sport in which a bowler attempts to hit a wicket?

answer: cricket

6. What beverage comes in Darjeeling and Assam varieties in India, and Green and Earl Grey elsewhere?

answer: tea

7. What is India's money called, also the currency on The *Legend of Zelda* series?

answer: rupees

8. What mountain range, the highest of the world, lies on India's northern border with Tibet?

answer: Himalayas

9. What non-violent leader led a Salt March in 1930 to protest British taxes?

answer: Mohandas Karamchand Gandhi

10. What seasonal wind of southern Asia, blowing from the southwest in summer and from the northeast in winter brings rain to India?

answer: monsoon

1. What orange cat hates Nermil and makes Jon and Odie give him lasagna?

answer: Garfield

2. This mother of Pebbles is the wife of Fred Flintstone.

answer: Wilma Flintstone

3. This oldest Chipmunk is the brother of Simon and Theodore.

answer: Alvin Seville

4. What 14 year old witch played by Melissa Joan Hart on TV also had a *Secret Life* in cartoons?

answer: Sabrina Spellman, the Teenage Witch

5. This international thief and head of V.I.L.E. was chased by the ACME Detective Agency.

answer: Carmen Sandiego (accept either) [FOX did a cartoon in the 1990's for a few years]

6. This young Hawaiian girl has a name meaning "lost" and finds Jumba's experiments.

answer: Lilo Pelekai (accept either underlined name)

7. The enemy of Flintheart Glomgold, Huey, Dewey, and Louie often help this richest duck in the world.

answer: Uncle Scrooge McDuck

8. This Teenage Mutant Ninja Turtle battles Shredder using katanas, along with Donatello, Raphael, and Michelangelo.

answer: Leonardo

9. This alterego of Prince Adam battles Skeletor in *Masters of the Universe*.

answer: He-Man

10. He is the blond-haired field commander of G.I. Joe, battling Cobra Commander and appearing in the recent *Sigma 6* series.

answer: Duke or First Sergeant Conrad S. Hauser (accept any underlined name)

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. What constellation contains the Beehive cluster and the star Acubens and in the Zodiac represents dates between June 22nd and July 22nd, representing people that could be called “Crabby”?

answer: Cancer

2. In the United States, what number is a “one” followed by 303 zeros, whose name reflects that it is about one hundred times greater in magnitude than one million?

answer: one centillion

3. Invented by Laennec and formerly consisting of a wooden tube, what device is used in auscultation, or listening to the internal sounds of an animal body, especially by doctors?

answer: stethoscope

4. What country’s composers included Anton Rubinstein, Aram Khachaturian [catch-ah-TOUR-ee-an], Alexander Borodin, Nicolai Rimsky-Korsakov, Sergey Prokofiev, and Peter Tchaikovsky?

answer: Russia

5. In 1957, Governor Faubus used National Guardsmen to prevent nine black students from attending what city’s high school, reenacted in 1997 when Bill Clinton instead opened the Arkansas school doors?

answer: Little Rock, Arkansas

6. The Directory, Thermidorian Reaction, Tennis Court Oath, Reign of Terror, Women's March on Versailles and Storming of the Bastille were all events and phases of what overthrowing of a government?

answer: French Revolution

7. Because the Red Cross uses a Christian emblem, by what name is the organization known in Muslim societies, the shape produced when a circular disk has a segment of another circle removed from its edge?

answer: Red Crescent

8. Tessie Hutchinson is stoned to death in one written by Shirley Jackson. Jules Verne wrote about *Ticket No. "9672"* in one. What are these games of chance, such as Mega Millions or Powerball?

answer: lottery

9. What director worked on *War of the Worlds*, *Minority Report*, and *Jaws* and has won Academy Awards for 1993’s *Schindler’s List* and 1998’s *Saving Private Ryan* but not *Indiana Jones*?

answer: Steven Spielberg

10. *The Castle of Mirrors*, *The Wilderness Wolf*, *The Shadow of Badlock*, and *The Time Twister* are books in what series by Jimmy Nimmo?

answer: The Charlie Bone series or Children of the Red King

11. Pencil and paper ready. Solve for x in the equation 8 over x equals 12 over 21.

answer: x equals 14

12. The Stableford scoring was used in this sport's International tournament, while in Ambrose play teammates can proceed from the effort of the best player. What is this sport whose other scores include condor, albatross, eagle, bogey, and par?

answer: golf

13. In archeology, a midden is a site that contains what kind of artifacts from a civilization, much like the Fresh Kills on Staten Island that collects New York City's rubbish?

answer: trash or garbage or equivalent (accept: dung or bones or shells or equivalent)

14. The Murrah Federal Building was located in what U.S. city where Timothy McVeigh exploded a bomb in 1995, a state capital sometimes nicknamed O.K.C.?

answer: Oklahoma City

15. The creator of *Beavis and Butt-head*, whose creative genius is now being used on *King of the Hill* and has a name that sounds like he belongs in a black robe when evaluating his work?

answer: Mike Judge

16. Tian Shan, Baikal, Pamir, Caucasus, and Hindu Kush are mountain ranges located on what continent?

answer: Asia

17. Named after the first U.S. ambassador to Mexico, what plant with blooming leaves of white, orange, pink, and especially red is associated with Christmas?

answer: poinsettia or Euphorbia pulcherrima

18. Novokuznetsk is the largest city in what region that was home to Gulags and came to be used as metaphor for exile and punishment, a region that makes up about three quarters of Russia's territory?

answer: Siberia

19. What term literally means "lifting the veil" or the revelation of God's will, but in modern times has come to mean the end of the world, that in a Francis Ford Copolla film featuring Marlon Brando happens "now"?

answer: apocalypse

20. What is the past participle of the word "tear", as in pulling something apart?

answer: torn [the simple past tense is "tore"]

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. People in history who committed this act include Leon Czolgosz [CHOL-gosh], Charles Guiteau, and Sara Jane Moore. In 1981, John Hinckley did this, possibly to impress actress Jodie Foster. The Warren commission concluded that Lee Harvey Oswald was responsible for this crime against JFK. For 15 points--name this act, which was committed by John Wilkes Booth in Ford's Theater against Abraham Lincoln.

answer: (attempting or succeeding in an) assassination or killing the President or similar

2. Anselm of Canterbury provided the ontological proof for this while Thomas Aquinas gave the cosmological argument. Zoroastrianism has one called Ahura Mazda while in Shinto, these are called kami [KAW-mee]. Monotheism is the belief in only one. For 15 points--give this term for the deities worshiped in a religion or mythology.

answer: God (accept: deity or similar before given, prompt on "spirits")

3. Trojan asteroids precede and follow this body's orbit. In 1994, comet Shoemaker-Levy 9 collided with it, producing massive explosions. Its surface contains bands of gas including the blue festoons near its equator and the largest storm of the Solar System: the Great Red Spot. For 15 points--name this largest planet.

answer: Jupiter

4. Greg Heffley tells about his life in this format in *The Last Straw*, a January 2009 book by Jeff Kinney chronicling a Wimpy Kid. So she would know about his "wild" youth years, author Leo Tolstoy made his fiancée read his before they were married. One "of a Young Girl" tells of hiding in Amsterdam from the Nazis and was written by Anne Frank. For 15 points--name this form of literature in which a person keeps a daily journal of their life, and perhaps is the only place they write their secrets.

answer: diary

5. Von Bellingshausen, a Russian navy captain, was the first modern human to see this place and the Ernest Shackleton expedition in 1907 climbed its Mount Erebus. Queen Maud, Marie Byrd, and Adélie are lands located here, along with the Ross Dependency, and its largest community is McMurdo Station. This place contains seventy percent of the world's fresh water, locked up in an sheet averaging one kilometer of ice. For 15 points--name this land containing the South Pole, a continent at the bottom of the world.

answer: Antarctica

6. A second series, "Beyond" this one includes *The Nixie's Song* and *A Giant Problem*. The film version is based on books by Tony DiTerlizzi and Holly Black including *The Seeing Stone*, *Lucinda's Secret*, *The Ironwood Tree*, and *The Wrath of Mulgarath*. Identical twin Jared ignores a warning on the Field Guide, which explains the use of honey to pacify brownies, and how tomato sauce burns goblins. For 15 points--name this book series and 2008 film featuring a web of trouble around a New England home.

answer: The Spiderwick Chronicles

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7. Dunta is a NFL cornerback with this last name playing for the Houston Texans. Nate is a New York Knicks point guard and won the 2006 NBA Slam dunk contest. Sugar Ray was a championship boxer in the 1940s and '50s. For 15 points--what last name do all of these players share with the first African-American Brooklyn Dodger, Jackie?

answer: Robinson

8. Dysthymia [diss-THIGH-me-ah] is a mild form of this condition, which is thought to be related to serotonin levels in the brain. New mothers sometimes experience a postpartum type after giving birth. In bipolar disorder, it is paired with periods of mania, or heightened moods. For 15 points--name this psychology term for a lack of interest or extreme sadness.

answer: depression

9. Using the songs of George Gershwin, George Balanchine created one of these called *Who Cares?*. Aaron Copland's *Appalachian Spring* was one of these created for Martha Graham, and Odette and Siegfried are characters included in Peter Tchaikovsky's *Swan Lake*. Students of this may learn to do a Grand jeté [jeh-TAY] which is long and horizontal, or a Pirouette which is a turn on one leg. For 15 points--name this form of dance whose performers often wear tutus.

answer: ballet

10. In 2006, this game was made available to all 103 West Virginia middle schools as a component of their physical education classes. The Oni mode involves a course where a score less than "Great" or an "N.G." on a freeze arrow can end a game. 2008 versions include *Hottest Party*, *Disney Channel Edition*, "X", and *Supernova*. For 15 points--name this game in which players step on arrows laid out in a cross to music.

answer: DDR or Dance Dance Revolution

11. In 2006, this politician was chided for saying "you cannot go to a 7/11 or a Dunkin' Donuts unless you have a slight Indian accent". He held jurisdiction over diplomatic appointments as Chairman of the Foreign Relations Committee. This alumnus of Archmere Academy became a member of the New Castle County Council in 1970. For 15 points--name this man that on January 20th will become Vice President, a Democrat from Delaware.

answer: Joe Biden

12. One character in this story murders Sir Danvers Carew, a member of Parliament. In "Dr. Lanyon's Narrative", a locksmith breaks into a laboratory and finds vials containing salt and a red liquid. For 15 points--name this Robert Louis Stevenson novel about a scientist who insists that "man is not truly one, but truly two," and records how he separates the good and evil natures into two separate personalities.

answer: The Strange Case of Dr. Jekyll and Mr. Hyde ("Jekyll and Hyde" is OK)

13. The vehicles shown on this attraction are the *Wicked Wench* and *Medallion Calls*. Patrons from New Orleans Square approach Jean Lafitte [lah-FEET] dock and are told Davy Jones awaits those who do not obey rules. At the Magic Kingdom, one character says "This map says X marks the spot, but I be seein' no X's afore me". For 15 points--name this Disney ride that lent its name to three recent films about stolen treasure, ghost ships, and skulls and crossbones.

answer: Pirates of the Caribbean

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ROUND
GRADES 7 AND 8

14. The philosopher René Descartes held this was a disturbance of the plenum in the universe, while the Arab Alhacen worked out a particle theory of it while Robert Hooke published a wave theory. Its velocity is squared in Einstein's equation and its speed was measured by Ole Romer using Jupiter's moons. Its study is known as optics. For 15 points--name this electromagnetic radiation that travels at 300 million meters per second, and thus takes about eight and a half minutes to reach us from the Sun.

answer: light (accept: photons)

15. Mike Jones stopped Kevin Dyson at the end of one; had Dyson succeeded this game might have seen its first ever overtime. The MVP of the first one was Bart Starr and was won by a team coached by Vince Lombardi. Commissioner Pete Rozelle originally wanted to call this game "The Big One". For 15 points--name this championship game won five times by the 49ers, Steelers, and Cowboys.

answer: The Super Bowl

16. In one telling, Ambrosius Aurelianus gave his brother this name after he saw a comet shaped like a mythical beast. This name also titles a book series including *The Follies of Sir Harald* and a role playing game based on Arthurian legend. For 15 points--give this title for Uther, father of King Arthur, which means chief or head dragon.

answer: Pendragon

17. Spelled without the double letter, it refers to rules adopted by a council, especially a church authority. In music, it is compositions where melodies are repeated and imitated, such as Johann Pachelbel's in D. With the double letter, it is the type of weapon whose name is Latin for large tube and which must be cleaned with a wet sponge before firing its heavy spherical ammunition. For 15 points--name this word, also the brand of Powershot camera that doesn't shoot metal balls.

answer: canon or cannon

18. This was the pen name Joe Klein used when writing *Primary Colors*, and this name was the author of a 2007 Washington Post article describing the poor use of national security letters by the FBI. In France they sometimes call this kind of person Monsieur X, and in U.S. courts John Stiles, Jane Roe, or John Doe is used. For 15 points--give this word for people whose name is either not known or kept secret.

answer: anonymous

19. These creatures have been dying at greater than normal rates in recent years, and causes may include the fungus-caused Chytridiomycosis [CHY-trid-ee-oh-my-COH-sis]. Centrolenidae [sen-tro-LEN-eh-day] are the glass type with transparent skin. Ghost ones live in South Africa while poison dart ones are in South America. Their spawn are thousands of egg masses in water, which grow into polliwogs or tadpoles. For 15 points--name these amphibian with long hind legs for jumping, that are not the same thing as a toad.

answer: frog (do not accept "toad", the clues are specific)

20. The characters in this work are visited by someone from Inlé when they die, a servant of the god Frith. The title destination is a hill in the north of Hampshire, England, which is near the Nuthanger Farm where some female characters are rescued. Fiver and Hazel are among those that flee their home and start anew with Bigwig. For 15 points--name this Robert Adams work featuring rabbits.

answer: Watership Down