

# SHAMROCK QUIZ BOWL CAMP TOURNAMENT

## Round 1

**Tossup 1:** (RN) This man was raised by Ector and fights his illegitimate son Mordred at Camlan, after which he is mortally wounded. He was conceived when Uther Pendragon impregnated Igraine, and he eventually marries Guinevere. For ten points, name this legendary king who pulled the sword from the stone and rules Camelot from where he commands the Knights of the Round Table.

Answer: King Arthur

**Tossup 2:** (CR) Discovered by Clyde Tombaugh, this object's location was predicted by Percival Lowell in 1906. Its orbit has a large inclination, and it is often considered to be in a binary system with its largest moon, Charon. For ten points, name this dwarf planet, which was previously considered to be the ninth planet in our Solar System.

Answer: Pluto

**Tossup 3:** (CR) This country's army conducted the Nanking massacre, and imperial rule was restored in this country after the Tokugawa shogunate. It also bombed a U.S. Naval base in Hawaii on December 7<sup>th</sup>, 1941, bringing the U.S. into World War II. For ten points, name this country whose capital is Tokyo.

Answer: Japan (also accept Nippon)

**Tossup 4:** (GB) Two boats are seen sailing in the yellow water in this work of art, whose red and orange sky is supposedly inspired by the eruption of Krakatoa. In this painting, two silhouettes are seen walking down a bridge where another figure is holding his head and performing the title action. For ten points, name this painting by Edvard Munch.

Answer: The Scream

**Tossup 5:** (RN) This politician defeated Jon Corzine to claim his most powerful position. A scandal caused this man to fire Bridget Anne Kelley and Bill Stepien, and may have been in spite of the Fort Lee Mayor Mark Sokolich. For ten points, name this man who has been blamed for the closure of the George Washington Bridge, a scandal known as Bridgegate, the current mayor of New Jersey.

Answer: Chris Christie

**Tossup 6:** (LF) This river's source lies in the Rocky Mountains at La Poudre Pas, and from there it receives tributaries such as the San Juan, Gila, and Dolores Rivers. Lake Meade lies on this river, which contains the Hoover Dam. Its largest tributary is the Green River. For ten points, name this river that formed the Grand Canyon, named after state with capital Denver.

Answer: Colorado River

**Tossup 7:** (TC) This god wields the spear Gungnir, and he sacrificed one of his eyes in order to gain wisdom. This god also rides an eight-legged horse called Sleipnir, and he brings half of the souls who died in combat to come to him in Valhalla. For ten points, name this husband of Freya and father of Thor, the Norse ruler of Asgard.

Answer: Odin

**Tossup 8:** (GB) An iOS version of this video game series was published as Strike Team. United Offensive was the expansion pack to the first game in this series, whose 7<sup>th</sup> game feature the Special Ops mode and requires the player to kill Juggernauts. For ten points, name this video game series that includes game modes like Nazi Zombies and titles such as Black Ops and Ghosts.

Answer: Call of Duty

**Tossup 9:** (GB) This number is the 14<sup>th</sup> digit of pi, and one divided by this number equals zero point six three repeating. It forms a Pythagorean triple with 24 and 25 and it is the fourth prime number. A shape with this number of sides is a heptagon, and this number is the square root of 49. For ten points, name this number after 6.

Answer: 7 (Seven)

**Tossup 10:** (RH) Einstein's general theory of relativity ascribes this force to the curvature of space-time, and like electromagnetism, it follows an inverse-square law. It is the weakest fundamental force, and is exerted between any two objects with mass. For 10 points, identify this force which keeps the Earth orbiting the sun and you from flying into space.

Answer: Gravity [or gravitational force, or some other word form]

**Tossup 11:** (TC) This artist depicted 28 Venus de Milos and an arena in his painting *The Hallucinogenic Toreador*. In his most famous work, this artist depicted several melting clocks and ants crawling over another orange clock in a barren landscape with cliffs in the background. For ten points, name this Spanish artist who painted *The Persistence of Memory*.

Answer: Salvador Dali

**Tossup 12:** (TC) Mount Whitney is this state's highest point, and Lake Tahoe is located in the Sierra Nevada Mountains on this state's eastern border. The San Joaquin and the Sacramento Rivers feed this state's San Francisco Bay, which is crossed by the Golden Gate Bridge where it meets with the Pacific. For ten points, name this state home to Los Angeles and San Diego.

Answer: California

**Tossup 13:** (RN) A maid named Kitty is a love interest of the protagonist of this work, which contains the death of the Duke of Buckingham. Cardinal Richlieu and Milady de Winter are antagonists in this work, which sees the protagonist fall in love with Constance Bonacieux. FTP, name this work centering on Athos, Porthos, and Aramis, joined by d'Artagnan, a novel by Alexandre Dumas.

Answer: The Three Musketeers

**Tossup 14:** (CR) This action was codenamed Operation Neptune and was the beginning of Operation Neptune. The landing sites in it included beaches named Juno, Gold, and Omaha. For ten points, name this Allied operation in which thousands of soldiers from the U.S., Britain, and Canada stormed the beach at Normandy.

Answer: D-Day (accept Normandy landings before the end)

**Tossup 15:** (CR) This man won the Nobel Prize for medicine for his work in classical conditioning. He noticed that some animals would anticipate food before it was given to them, leading to his most famous experiment. For ten points, name this psychologist who is best known for making dogs salivate when he rang a bell.

Answer: Ivan Pavlov

**Tossup 16:** (TV) The protagonists of this book take refuge on “God’s Thumb,” where they find a crop of wild onions. The title structures were said to be created to “build character” but are actually an attempt to find Kissin’ Kate Barlow’s Treasure. For 10 points, name this book about Hector Zeroni and Stanley Yelnats IV, written by Louis Sachar.

Answer: Holes

**Tossup 17:** (CR) Albert Einstein said that this constant is the same in any inertial reference frame, and based relativity on that fact. It is approximately 3 hundred million meters per second, and is the “c” in Einstein’s  $E = mc^2$ . For ten points, name this constant which is sometimes called the “speed limit of the universe.”

Answer: Speed of light

**Tossup 18:** (TV) This battle was preceded by the Battle of Brandy Station, and locations of heavy fighting included Culp’s Hill. Other during this battle included Cemetery Ridge and Little Round Top, and this battle was a victory for the Union Army under George Meade. For 10 points, name Pennsylvania battle and turning point of the Civil War.

Answer: Battle of Gettysburg

**Tossup 19:** (TV) One of this artist’s works depicts pieces of fruit in front of five figures whose composition was influenced by African tribal masks. Besides Les Demoiselles d’Avignon, another of this man’s paintings includes a hand grasping a broken sword and depicts the bombing of the title Basque town. For 10 points, name this Spanish cubist of and Guernica and Three Musicians.

Answer: Pablo Picasso

**Tossup 20:** (TV) Excavations of this site were first directed by Karl Weber, and skeletons were found in a city adjacent to this one that was destroyed by pyroclastic flow. This site contains many buildings preserved in ash and is located near Herculaneum. For 10 points, name this Italian city buried by the eruption of Mt. Vesuvius in 79 AD.

Answer: Pompeii

# SHAMROCK QUIZ BOWL CAMP TOURNAMENT

## Round 2

**Tossup 1:**(RN)His first novel concerns Jake Barnes and Lady Brett Ashley and another of his novels sees the ambulance driver Frederic Henry fight in the Italian army during WWI. In addition to *The Sun Also Rises* and *A Farewell to Arms*, this man wrote a novel about Santiago's struggle against a giant marlin. FTP, name this American author of *The Old Man and the Sea*.

Answer: Ernest Hemingway

**Tossup 2:**This man asserted that "right makes might" in his Cooper Union address, and this president once requested James K. Polk to provide Congress with the exact "spot" on which blood was spilt on American soil. He later created a speech that concluded that "government of the people, by the people, for the people, shall not perish from the earth." For 10 points, name this president who delivered the Gettysburg Address.

Answer: Abraham Lincoln

**Tossup 3:** (TV) One of this man's larger works includes sections like *The Drunkenness of Noah* and *The Last Judgement*. Nude figures in that work later had clothes painted on without his consent. For 10 points, name this Italian master who created the paintings on the ceiling of the Sistine Chapel as well as the marble statue *David*.

Answer: Michelangelo

**Tossup 4:** (CR)This politician signed a bill to give increased powers to "emergency managers" of cities with financial emergencies. In 2010, he defeated Virg Bernero, the mayor of Lansing, in a gubernatorial race, using the campaign slogan "one tough nerd." For ten points, name this current governor of Michigan.

Answer: Rick Snyder

**Tossup 5:**(CR)This particle is made up of two up quarks and a down quark. Discovered by Ernest Rutherford, the atomic number of an element is the number of this particle in an atom of that element. It is found in the nucleus of an atom, along with the neutron. For ten points, name this subatomic particle that has a positive charge.

Answer: Proton

**Tossup 6:**(TV) This painting was created two years before its artist's *Daughters of Revolution*, and it depicts the Dibble House from Eldon, Iowa. Its two figures were modeled after its artist's sister and dentist and it shows depicts a woman standing to the left of a man with a pitchfork. For 10 points, name this painting by Grant Wood.

Answer: American Gothic

**Tossup 7:**(RN)This poem describes characters that are "Stormed at with shot and shell" and claims ""their's not to reason why, their's just to do and die." This poem describes six hundred characters who ride "Into the valley of Death" and it begins "Half a league, half a league, Half a league onward." FTP, name this poem about a British cavalry charge into Russian cannon fire, a poem by Lord Alfred Tennyson.

Answer: The Charge of the Light Brigade

**Tossup 8:(WT)** This god accidentally killed Hyacinthus with a discus after Zephyrus blew it off course. He was forced to build the walls of Troy with his uncle Poseidon, and he killed the Cyclopes after Zeus killed his son Asclepius with lightning. He slew the Python at Delphi and killed the children of Niobe with his sister Artemis. For ten points, name this Greek god of the sun and music.

Answer: **Apollo**

**Tossup 9:(WT)** This organ features greater and lesser curvatures, and it possesses folds known as rugae. Its foveolar cells secrete mucus to protect it from a substance released by its parietal cells, hydrochloric acid. It empties into the small intestine via the pyloric sphincter. For ten points, name this J-shaped organ used in digestion, which the esophagus empties into.

Answer: **Stomach**

**Tossup 10: (TV)** This structure was bypassed by Operation Vittles, and its building was supervised by Erich Honecker. One crossing of this structure was called Checkpoint Charlie, and Ronald Reagan once asked Mikhail Gorbachev to tear it down. For 10 points, name this barrier that separated two halves of its namesake German capital until 1989.

Answer: **Berlin Wall**

**Tossup 11:(LF)** Its Southeast Ridge Route contains the Khumbu Icefall, while its Northern Ridge Route contains the Rongbuk Glacier. This mountain's summit was first reached by Tenzing Norgay and Sir Edmund Hillary. It contains the Lhotse peak and it is situated on the border of Nepal and Tibet. For ten points, name this tallest mountain in the world at 29,029 feet.

Answer: **Mt. Everest**

**Tossup 12:(GB)** In this novel, intercoms are installed in private houses to ensure people follow the rules, which include a ban on twin siblings. The novel opens with the protagonist's worrying about the Ceremony of Twelve, where he will be assigned a job. When he becomes the Receiver of Memories, he is able to see colors and experience pain. For ten points, name this novel by Lois Lowry that ends when Jonas travels into the Elsewhere.

Answer: **The Giver**

**Tossup 13:(GB)** In one song, this artist claims that he "ain't got no legs or no brain" and that his new name is Rain Man. That song appears on his album *Encore*. In another song, a girl says "Yeah, but he's so cute though!" and he opens the song by repeating "May I have your attention please?" For ten points, name this rapper whose songs include *My Name Is*, *The Real Slim Shady*, and *Lose Yourself*.

Answer: **Eminem** (accept Marshall **Mathers**)

**Tossup 14:(RH)** The *Rosetta* probe will explore one of these bodies in 2014, and one named for Shoemaker and Levy collided with Jupiter in 1994. Their most visible feature always points in the direction of the solar wind. These objects are composed of a rocky nucleus and a coma of vaporized gases, and likely originate in the Oort cloud. For 10 points, identify these "dirty snowballs" in space, like Halley's.

Answer: **Comets** [prompt on any specific example not including the word **comet**]

**Tossup 15:**(TV) This city fought against France and the Papal States during the War of the League of Cambrai, and this “most serene republic” contains landmarks like the opera house La Fenice and St. Mark’s Square. Once led by Doges, for 10 points, identify this Italian city known for its canals.

Answer: **Venice**

**Tossup 16:**(WT) Le Chatelier and Coulomb are among the 72 names engraved on this structure, which had a Nazi flag raised above it in 1940. In its country, it is second in height only to the Millau Viaduct. This structure lies on the Champ de Mars, and is mainly composed of a wrought iron lattice. For ten points, name this 324 foot tall iconic Parisian landmark, named after a French engineer.

Answer: **Eiffel Tower**

**Tossup 17:**(TV) St. Ambrose of Milan created one chant used in a rite for this holiday, the Exulted; that rite takes place in total darkness shortly before the lighting of a large candle. This holiday concludes a forty day period in which meat is not to be consumed on Fridays, and it occurs a week after Palm Sunday. For 10 points, name this Christian holiday that celebrates the resurrection of Christ.

Answer: **Easter**

**Tossup 18:**(RN)In one of this author’s works Carton is executed in the place of Darnay during the French Revolution. In addition to A Tale of Two Cities, this man wrote a work that concerns Pip and another work in which a character is visited by Jacob Marley. FTP, name this author of Great Expectations who also wrote about three ghosts visiting Ebenezer Scrooge in A Christmas Carol.

Answer: **Charles Dickens**

**Tossup 19:**(TC) Before entering politics, this world leader was a member of the KGB for 16 years, and he sparked protests all over his country when he announced he would run for a third non-consecutive term as president in May 2012. Controversies during this man’s presidency include the annexation of Crimea and the state of the 2014 Winter Olympics. For ten points, name this current President of Russia.

Answer: Vladimir **Putin**

**Tossup 20:** (CR)It was first described by Jan Baptist van Helmont and Joseph Black. This molecule, produced in the combustion of coal and the fermentation of beer, is used by plants, along with water, during photosynthesis. It is exhaled by most land animals. For ten points, name this molecule whose chemical formula is CO<sub>2</sub>.

Answer: **Carbon Dioxide** (accept CO<sub>2</sub> before the end)

## Shamrock Quiz Bowl Camp

### Round 3

**Tossup 1:(RN)**In one of this author's works Professor Lidenbrock uses an ancient Icelandic manuscript to travel to the titular locale. In addition to *Journey to the Center of the Earth*, this author wrote about Phileas Fogg, who travels around the world in eighty days. FTP, name this author who created Captain Nemo and his ship the Nautilus in *Twenty Thousand Leagues Under the Sea*.

Answer: Jules Verne

**Tossup 2:(WT)** This planet's Tharsis Bulge is located west of its Valles Marineris and contains its tallest mountain, Olympus Mons. Curiosity landed on this planet in 2012, and other missions to this planet have included Viking, Spirit, and Opportunity. It has polar ice caps made of frozen carbon dioxide, and it gets its distinctive color from iron oxide. For ten points, name this "Red Planet," the fourth from the sun.

Answer: Mars

**Tossup 3:(TV)** Marcell Duchamp's L.H.O.O.Q. is a recreation of this painting with a mustache. A bridge can be seen in the right background, and the subject crosses her arms and wears a small veil. Also called La Gioconda, for 10 points, name this portrait of a faintly-smiling woman created by Leonardo da Vinci.

Answer: Mona Lisa

**Tossup 4:(TV)** This country gained Estonia after the Livonia War, and one of its leaders employed Axel Oxenstierna. That leader died at the Battle of Lutzen and was known as the "Lion of the North." For 10 points, name this country once led by Gustavus Adolphus that now has a capital at Stockholm.

Answer: Sweden

**Tossup 5:(TV)** In one film starring this character, Maximilian Largo kills Domino Petachi, and in another the phrase "operation grand slam" saves him from a laser. This character battles Francisco Scaramanga in one film, and in another he's saved from Mr. White by Vesper Lynd. Appearing in such films as *Never Say Never Again*, for 10 points, name this secret agent created by Ian Flemming.

Answer: James Bond

**Tossup 6:(GB)**The speaker of this poem will recount his experience "with a sigh somewhere ages and ages hence." The title object lies in "leaves no step had trodden black" and the speaker wonders if he should ever come back. For ten points, name this poem by Robert Frost in which the speaker notes how taking one of "two roads diverged in a yellow wood" "has made all the difference."

Answer: The Road Not Taken

**Tossup 7:(GB)** This man graduated from both Columbia and Harvard and was the president of the Harvard Law Review. He was responsible for the repeal of the Don't Ask, Don't Tell Act and he served as a national senator from Illinois from 2005 to 2008. For ten points, name this Democratic politician who defeated John McCain to become the first African American president.

Answer: Barack Obama

**Tossup 8:**(TV) This conflict occurred at the same time as the Creek War and saw Oliver Hazard Perry victorious at Lake Erie. The bloodiest battle of this war was at Lundy's Lane, occurring shortly before the burning of Washington D.C. For 10 points, name this conflict between the U.S. and Britain that was ended by the Treaty of Ghent.

Answer: War of 1812

**Tossup 9:**(TV) Gustave Eiffel created the internal supports of this structure that was designed by Frederic Bartholdi. One part of it contains the poem "The New Colossus" by Emma Lazarus, and it's head was exhibited at the Paris World Fair in 1878. Also known as "Liberty Enlightening the World," for 10 points, name this statue that sits in New York Harbor.

Answer: Statue of Liberty

**Tossup 10:**(TC)Bernini designed this city's Fountain of the Bees and Fountain of the Four Rivers, and the Spanish Steps lead up to this city's Trinitá del Monti Church. The Arch of Constantine stands on this city's Palatine Hill, and its Pantheon is an ancient building that is now used as a church. For ten points, name this city home to St. Peter's Basilica and the Coliseum.

Answer: Rome

**Tossup 11:**(CR)This man who died at the Siege of Syracuse has tomb with a sphere inscribed in a cylinder at the top. This man supposedly built a claw that could lift ships out of water, and his namesake screw is still used to pump water. When he discovered his principle of buoyancy could be used to find the density of a crown, he famously shouted "Eureka!" For ten points, name this ancient Greek mathematician.

Answer: Archimedes

**Tossup 12:**(RN)Prince Escalus exiles one of the title characters of this play, and this play contains the reasonable Benvolio. Mercutio delivers the Queen Mab speech in this play, after which he is stabbed by Tybalt, and Friar Lawrence tries to help the two "star-cross'd lovers." FTP, name this play about the forbidden love between a Capulet and Montague, a work of William Shakespeare.

Answer: Romeo and Juliet

**Tossup 13:**(WT) DNA in this organelle is inherited matrilineally, mutations in which can result in Leber's optic neuropathy. The Krebs cycle occurs in its matrix, and its inner membrane features folds known as cristae. For ten points, name this organelle commonly referred to as the "powerhouse of the cell" for its role in production of ATP.

Answer: mitochondria

**Tossup 14:**(WT) This work's most famous passage is the Throne Verse, which is found in this text's second sura, "The Cow." It recounts how mankind was created from wet earth and was revealed through the angel Gabriel to Mohammed. Allah is featured prominently in, for ten points, what central text of the Islamic faith?

Answer: Quran (or Koran)

**Tossup 15:**(TV) This man's invention of the "Model T" pump made heart surgeries possible, and his most famous feat earned him the Orteig Prize. Bruno Haptnann committed the "Crime of the Century" against this man's son, and this man had previously piloted the Spirit of St. Louis. For 10 points, name this first man to fly nonstop across the Atlantic Ocean.

Answer: Charles Lindbergh



**Tossup 16:**(RN)One of his poems claims “He took his vorpal sword in hand” and invents the word chortled. In addition to Jabberwocky, this author may be more famous for his works that contain such characters as the Mad Hatter, the Cheshire Cat, the Queen of Hearts, and the White Rabbit. FTP, name this author who described Alice’s Adventures in Wonderland.

Answer: Lewis Carroll

**Tossup 17:**(TV) This man created symphonies subtitled “Winter Daydreams” and “Little Russian”, as well as an opera about a certain playing card. Besides The Queen of Spades, he created a famous composition that contains God Save the Tsar! and employs cannon fire. For 10 points, name this Russian composer of the Pathetique Symphony and the 1812 Overture.

Answer: Pyotr Ilyich Tchaikovsky

**Tossup 18:**(WT) One figure in this myth system had his teeth replaced with corn after being shot out of a tree with a blowgun. Hunahpu and his brother Xbalanque travel to the underworld to defeat the Lords of Xibalba in this system, whose Popol Vuh recounts the story of the Hero Twins. For ten points, name this Mesoamerican myth system belonging to a people who inhabited the Yucatan peninsula.

Answer: Mayan myth

**Tossup 19:**(RH)This element’s namesake “flash” occurs when a star has burned all of its hydrogen, and alpha particles are the nuclei of this element. This element is used as a lifting agent on account of its low density, and if the *Hindenburg* were filled with this element and not hydrogen, it would not have exploded. For 10 points, identify this lightest noble gas used to fill party balloons, symbolized He.

ANSWER: Helium

**Tossup 20:**(TV) This polity defeated a force led by John Hunyadi at the battle of Varna and later was victorious at the Battle of Mohacs. Founded under Osman Bey, this empire was at one point led by Suleiman the Magnificent. For 10 points, name this “sick man of Europe,” an empire once located in modern day Turkey.

Answer: Ottoman Empire

## SHAMROCK QUIZ BOWL CAMP

### Round 4

**Tossup 1:(RN)**In the first work of this series the characters travel to Rivendell, and the third installment of this series sees the Witch King defeated. Mary and Pippin feature prominently in this series, as do other hobbits from the Shire. For ten points, name this series that centers on Gandalf, Aragorn, Sam, and Frodo, who all fight to destroy Sauron and his armies of Mordor.

Answer: **The Lord of the Rings**

**Tossup 2:(TV)** Mary Cassat was the model for this man's Millinery Shop and he depicted some men examining the title white commodity in The Cotton Exchange of New Orleans. Also depicting a forlorn-looking woman in L'Absinthe, for 10 points, identify this French artist more well known for paintings of ballet dancers.

Answer: Edgar **Degas**

**Tossup 3:(TV)** The Marasa were the first divine children of supreme god in this religion, and the Kanzo is one if its initiation ceremonies. Houngans and mambos are priests in this religion who worship Bondye through intermediaries called loas, such as Papa Legba and Baron Samedi. For 10 points, identify this syncretic Haitian religion that is often associated with namesake dolls.

Answer: **Voodoo**

**Tossup 4:(TV)**Ivan IV allegedly blinded the architect of one building in this city, and this city was burned down after the Battle of Borodino. Besides housing St. Basil's Cathedral, this city also contains the Red Square which houses the Kremlin. For 10 points, identify this capital of Russia.

Answer: **Moscow**

**Tossup 5:(RH)**Antimony pentafluoride forms an incredibly potent example of this class of chemicals, and Gilbert Lewis described these chemicals as electron acceptors. Common examples include phosphoric, sulfuric, and hydrochloric. For 10 points, identify these chemicals which produce solutions with low pH, and which neutralize bases.

Answer: **Acids** [accept any more specific type, e.g. Lewis **acid** ...]

**Tossup 6:(GB)**One character in this novel goes to a bar with an old friend from Whooton, Carl Luce. The protagonist feels awkward when he meets with his old teacher Mr. Antolini and he is upset when Stradlater goes on a date with Jane Gallagher. For ten points, name this novel about Holden Caulfield by J. D. Salinger.

Answer: **The Catcher in the Rye**

**Tossup 7:(TV)** This painting partially shares its title with similar work Over the Rhone, and it depicts a church steeple to the right of a large cyprus tree. Depicting a scene its artist viewed out of his sanatorium window, for 10 points, identify this painting showing a dark sky created by Vincent Van Gogh.

Answer: The **Starry Night**

**Tossup 8:(WT)** The end product of this process undergoes splicing, and has a methylated G cap and poly-A tail added to it. Namesake factors of this process help RNA polymerase bind to a promoter region on a DNA strand. For ten points, name this cellular process in which mRNA is produced from a DNA template.

Answer: **transcription**

**Tossup 9:**(TV) This battle was preceded by the Battle of Brandy Station, and locations of heavy fighting included Culp's Hill. Other during this battle included Cemetery Ridge and Little Round Top, and this battle was a victory for the Union Army under George Meade. For 10 points, name Pennsylvania battle and turning point of the Civil War.

ANSWER: Battle of Gettysburg

**Tossup 10:**(TV) This character was purchased by Gardulla and represents the color blue on a chance cube. In another film, this character says "Apology accepted" after choking out captain Needa, and later crashes a dinner party on Bespin. He defeats Sebulba in a pod-race before being trained by Obi-Wan Kenobi. For 10 points, name this villain from *Star Wars*.

Answer: Darth Vader [accept Anakin Skywalker]

**Tossup 11:**(RN)One character in this work nails a gold doubloon to a mast, and Fedallah offers mysterious prophecies in this work. The narrator of this work survives a shipwreck by floating on Queequeg's coffin, which had been aboard the Pequod. For ten points, name this work in which Ishmael spends time working for Captain Ahab, who is obsessed with finding the title white whale, written by Herman Melville.

Answer: Moby Dick

**Tossup 12:**(LF)This first European to see this feature was Garcia Lopez de Cardenas. It cuts through the Kaibab Plateau and it contains Eagle Rock, which was sacred to a certain Hualapai Indians. This feature has North and South Rims, and was formed due to erosion by the Colorado River. For ten points, name this national park in Arizona with a depth of over a mile.

Answer: Grand Canyon

**Tossup 13:**(WT) This element's triatomic form is measured in Dobson units and makes up a namesake layer in the stratosphere that blocks UV radiation. It was discovered independently by Priestly and Scheele, and it is necessary for combustion reactions, as well as aerobic respiration. For ten points, name this element whose allotropes include ozone with atomic number eight and symbol O.

Answer: oxygen

**Tossup 14:**(WT) This god was associated with the Mnevis bull. Isis obtained this god's secret name after he was bitten by a snake, and he had his center of worship at Heliopolis. Set protected this god's barge, from which he fought Apep every night. For ten points, name this Egyptian sun god, often depicted with the head of a bird.

Answer: Ra

**Tossup 15:**(TV) Attorney General Elliot Richardson resigned after this event and special prosecutor Archibald Cox was fired during one part of it. Besides the "Saturday Night Massacre," this event saw Mark Felt disguise himself as "Deep Throat." For 10 points, identify this scandal that included a break-in at the Democratic Party Headquarters and led to the resignation of Richard Nixon.

Answer: The Watergate scandal

**Tossup 16:**(RN) Two characters in this work are often treated as one, being called "Samneric", and Roger murders a pudgy boy in this novel. That aforementioned boy, Piggy, controls the conch that calls all of the characters together. For ten points, name this novel that centers on Ralph and Jack's struggle to control the group of boys that have landed on an island together, written by William Golding.

Answer: Lord of the Flies

**Tossup 17:**(CR)Replacements for this include the Vickers and Brinell scales. Finger nails would have a value of about 2.2 on this scale. On this scale, talc is given a value of 1, and diamond has the highest value at 10. For ten points, name this scale that measures the resistance of minerals through the ability of a harder material to scratch a softer one.

Answer: Mohs scale of Mineral Hardness

**Tossup 18:**(RN)This company was originally called “BackRub” and it uses the AdWords advertising software. It often plays April Fools pranks, one of which was the MentalPlex, and it owns such things as Android and Youtube. FTP, name this company that was created by Sergey Brin and Larry Page, who is now its CEO, the largest search engine in the United States.

Answer: Google

**Tossup 19:**(TV) One harpsichord work by this composer was created in an attempt to soothe Count Kaiserling’s insomnia, and he wrote a collection of fugues in preludes in every major and minor key. For 10 points name this German composer of the Goldberg Variations and The Well-Tempered Clavier, who also wrote the Brandenburg Concertos.

Answer: Johann Sebastian Bach

**Tossup 20:** (LF) During this battle, Alexander Hamilton famously led an American advance. Henry Clinton confused one major commander at this battle. Fusilier’s Redoubt and Gloucester Point are important locations of fighting at this battle, which saw French Naval assistance under the Comte de Rochambeau and the Comte de Grass. Name this last battle of the American Revolution, in which Cornwallis was forced to surrender to George Washington.

Answer: Battle of Yorktown

## SHAMROCK QUIZ BOWL CAMP

### Round 5

**Tossup 1:** (RN) A character in this novel cries when she sees a pile of colorful shirts, and Owl Eyes is one of the few characters that attends the main character's funeral. The climax of this novel occurs when Myrtle Wilson is killed in the Valley of Ashes by Daisy Buchanan, who is loved by the main character. For ten points, name this novel narrated by Nick Carraway that centers on the struggle between Tom Buchanan and the title character.

Answer: **The Great Gatsby**

**Tossup 2:** (WT) This document's "filioque" clause asserts that the Holy Spirit proceeds from the Father and the Son, and is rejected by Eastern Churches. It was adopted as a response to the heresy of Arianism at a namesake 325 CE council in modern-day Turkey. For ten points, what profession of faith is still recited in the Catholic Mass?

Answer: **Nicene Creed**

**Tossup 3:** (LF) He called the Second Council of Constantinople. This man's reign saw the Nika Riots, which included the Blue and the Green Factions. His wife Theodora was not well liked. He had the Hippodrome and the Hagia Sophia built in his capital. Two of his most well known generals are Narses and Belisarius, who defeated the Vandals of Northern Africa. Name this man who was famous for his law code, written by Tribonian, a famous Byzantine Emperor.

Answer: **Justinian I**

**Tossup 4:** (TV) Glen Gould played this instrument and John Cage placed random objects inside this instrument to create its "prepared" variety. Debussy's Suite Bergamasque was composed for it, as well as numerous pieces by Frederic Chopin. For 10 points, identify this instrument composed of 88 keys.

Answer: **piano**

**Tossup 5:** (WT) The second of these can be stated as equating impulse with the product of mass and change in velocity, but is more commonly written as  $F=ma$ . The first is known as the law of inertia, and the third states that every action has an equal and opposite reaction. For ten points, these are what physical laws compiled by an English physicist?

Answer: **Newton's Laws of Motion**

**Tossup 6:** (TC) When this hero was a child, him and his mother, Danae, were cast out to sea by his father, Acrisius, who feared a prophecy that stated his son would kill him. While traveling through Aethiopia, this man saved Andromeda, who was chained to a rock as an offering to the god Poseidon to stop the rampaging of a sea monster. For ten points, name this Greek hero, a son of Zeus who slayed Medusa.

Answer: **Perseus**

**Tossup 7:** (RN) In one of this author's novels, a time traveler from a certain state correctly predicts an eclipse to save himself from Merlin. In addition to A Connecticut Yankee in King Arthur's Court, this man wrote two novels that generally concern the same characters, some of whom are Aunt Polly and Becky Thatcher. FTP, name this American author who wrote about Huckleberry Finn and Tom Sawyer.

Answer: **Mark Twain**

**Tossup 8:** (LF) During this battle, major fighting occurred at locations such as the Sunken Road and Dunker Church. Fighting at this battle also took place at Miller Cornfield. Burnside Bridge was where Stonewall Jackson led one attack during this battle. The result of this battle led to the issuing of the Emancipation Proclamation. McClellan had the advantage at this battle because Lee's plans were found wrapped around cigars before hand. Name this battle in Sharpsburg, Maryland.

Answer: Battle of Antietam

**Tossup 9:** (CR) "Wedge" and "Rope" are terms denoting different sizes of these phenomena. These entities were previously measured on the TORRO scale and are now often measured on the Enhanced Fujita scale. This weather phenomenon occurs four times as often in the United States than in all of Europe combined. For ten points, name these rotating columns of air that often appear in a namesake "valley."

Answer: Tornadoes (also accept twisters or cyclones)

**Tossup 10:** (WT) This nation's Gariep Dam lies on the Orange River, which rises in the Drakensberg Mountains in Lesotho, which is completely surrounded by this country. This country has eleven official languages, including English, Afrikaans, and Zulu, which is widely spoken in the city of Durban. Cape Town lies in the south of, for ten points, what country with capital Pretoria?

Answer: South Africa

**Tossup 11:** (TV) Humphrey van Weyden is captured by Wolf Larsen in one novel by this author of *Martin Eden*, and in another, Buck saves the life of John Thornton. Also known for the short story "To Build A Fire," for 10 points, identify this American author of such novels as *The Sea Wolf* and *The Call of the Wild*.

Answer: Jack London

**Tossup 12:** This ruler experienced the Catholic Gordon Riots during his reign. Prime Ministers who served during his reign include both Lord North and Pitt the Younger. He hated Charles Fox. His father, who fought in the Seven Years' War, was the last British king to personally lead troops into battle at Dettingen. He had a disease known as porphyria, as well as insanity. Name this monarch who was king during the American Revolution.

Answer: George III

**Tossup 13:** (TV) These objects can erode valleys to produce aretes and may also create amphitheater-like cirques. They form kettle lakes when they retreat, and these objects can also leave behind moraines and drumlins. For 10 points, identify these massive bodies of ice.

Answer: glaciers

**Tossup 14:** (RN) In one of this authors stories Dupin discovers that an orangutan committed the title crime, and one of his famous poems sees a bird often say "nevermore" while the narrator is lamenting the death of Lenore. FTP, name this author of *The Murders in the Rue Morgue* and *The Raven* who wrote about a man being driven insane by the title beating object in *The Tell-Tale Heart*.

Answer: Edgar Allan Poe

**Tossup 15:** (WT) Kang Min-kyu, vice principle of Danwon High School, hanged himself in a tree after this event, which involved a vessel destined for Jeju Island. That vessel was carrying three times its maximum cargo capacity, and this event resulted in the deaths of 295 people. For ten points, name this maritime disaster which occurred to a ferry off the southwest coast of South Korea on April 16, 2014.

Answer: sinking of the MV Sewol (accept clear knowledge equivalents, prompt on anything about a **South Korean ferry disaster** before mentioned)

**Tossup 16:** (RH) This disease is caused by mutations in proto-oncogenes, and the p53 protein prevents the spread of this disease. BRCA1 and BRCA2 [pron. “burqa”] genes affect one’s chance of suffering this disease. This disease is classified into sarcomas, carcinomas, and blastomas, based on the cell from which this disease metastasized. For 10 points, identify this disease in which cells divide uncontrollably, producing tumors, treated by chemotherapy and radiation.

Answer: Cancer [accept any form of the disease including the word cancer]

**Tossup 17:** (TV) Patrick Warburton voices this character on one show where he occasionally battles the energy vampire NOS-4-A2 and works with Mira Nova. While under a minivan at a gas station, this character calls another character a “Sad strange little man” before trying to get to Pizza Planet. This Tim Allen-voiced character saves his friend from the owner of Al’s Toy Barn in the 2nd film in which he appears. For 10 points, name this space ranger from *Toy Story*.

Answer: Buzz Lightyear [accept either]

**Tossup 18:** He famously gave the “I am Prepared to Die Speech.” This man was also imprisoned on Robben Island. Thabo Mbeki succeeded this man in his most famous position. He also was influential in what was known as the Defiance Campaign, as well as in founding the Umkhonto we Sizwe, or Spear of the Nation. He was the subject of the Rivonia Trial. Name this leader against Apartheid, the first black president of South Africa.

Answer: Nelson Mandela

**Tossup 19:** (WT) A pyramidal skyscraper in this city is known as The Shard, and a giant Ferris wheel in this city is known as its “Eye.” Its St. Paul’s Cathedral was built by Christopher Wren, and this city is also home to Westminster Abbey and Buckingham Palace. For ten points, name this city on the River Thames, the capital and largest city in the UK.

Answer: London

**Tossup 20:** (LF) This national park shares its name with a tributary of the Missouri River. It was created when Ulysses S. Grant signed the Act of Dedication. It is home to what is called Earthquake Lake and both Beehive Geyser and the Mammoth Hot Springs. For ten points, name this national park located mostly in Wyoming, but stretches into parts of Idaho and Montana.

Answer: Yellowstone National Park