

Round 3

Bee Round 3

(1) When one holder of this position was questioned by reporter Tim Ralfe about how far he would go to protect the members of his government, he replied “Just watch me.” That holder of this position invoked the War Measures Act in response to terrorist threats from a separatist movement in one province. The current holder of this position is the aforementioned leader’s son. For the point, name this position held by Pierre and Justin Trudeau, the head of state of our neighbor to the North.

ANSWER: Prime Minister of Canada

(2) At the end of *Twelfth Night*, a character of this type sings a song that repeats the line “For the rain, it raineth every day,” and pretends to be “Sir Topas” while harassing Malvolio. A character of this type calls King Lear “nuncle” and mocks him for his misfortunes. Another figure of this type flees with Celia and Rosalind to the forest of Arden in *As You Like It*, and is named Touchstone. For the point, name this comic relief role common in Shakespearean plays, which is commonly a jester.

ANSWER: fools (accept jester before it is read)

(3) This team won a title under coach Rollie Massimino in 1985. This team included Ryan Arcidiacono [arch-id-ee-ah-cono], who earned the Most Outstanding Player award after providing a late assist to Kris Jenkins. Currently coached by Jay Wright, this team won the Big Five and the Big East regular season title, then defeated North Carolina in Houston. For the point, name this Philadelphia-area university, the winners of the 2016 NCAA Men’s Basketball title.

ANSWER: Villanova University Wildcats men’s basketball team (prompt on Wildcats)

(4) The *Mahabharata* introduces the only female example of these figures named Mohini. One of these figures rides a white horse, carries a flaming sword, and will appear at the end of the world to usher in a new age. That figure is the tenth of these figures, named Kalki, and the ninth is often considered to be the Buddha. Krishna is one of these figures who was born after the Earth called for Vishnu’s help. For the point, name these earthly manifestations of Hindu gods.

ANSWER: Avatars of Vishnu

(5) A eutectic is a mixture whose proportions have the lowest possible value for this quantity. Ethylene glycol is added to solutions to lower this property of the solution. The lowering of this quantity is only dependent on the number of particles dissolved, which makes it a colligative property. Salt helps get rid of ice on the streets because it lowers this quantity, which is 32 degrees Fahrenheit for water. For the point, name this temperature at which a liquid will turn into a solid.

ANSWER: freezing point (or melting point)

(6) Francis Tresham sent a letter warning his brother-in-law, Lord Monteagle, about this event, which led to Robert Cecil learning of it. Roger Catesby led the planners of this event, who planned on killing James I to grant more freedom to Catholics. The most notorious conspirator of this event was found and captured in the cellars on the fifth of November. Guy Fawkes is now burned in effigy for his role in, for the point, what planned 1605 terrorist attack that would have blown up Parliament?

ANSWER: Gunpowder Plot (or Gunpowder Treason, etc.)

(7) This animal partially titles a work about a discussion about an operation between the American and Jig. In that short story by Ernest Hemingway, Jig describes the hills like “white” versions of this animal. In *The Jungle Book*, Toomai watches a group of these animals dance and takes care of one named Kala Nag. Also in *The Jungle Book*, one of these animals named Colonel Hathi scares away monkeys by trumpeting. For the point, name this long-trunked animal, known for “never forgetting.”

ANSWER: elephants

(8) One of these shapes was used to array the prime numbers by a very bored Stanislaw Ulam. Theodorus of Cyrene constructed one of these out of triangles by starting with a right triangle with base and height 1, then using its hypotenuse as the base of another right triangle with height 1, and so on. The polar equation r equals θ generates one of these shapes named for Archimedes. For the point, name this shape traced by a pencil that is simultaneously rotating and moving farther from or closer to the center.

ANSWER: spiral

(9) This island contains the home Sagamore Hill, found in Cove Neck near its Oyster Bay. The site of Montauk and Old Westbury, this island’s Nassau and Suffolk Counties are among the country’s most affluent. This island is the site of JFK and LaGuardia Airports. For the point, name this largest and most populous island in the contiguous United States, separated from the rest of the New York metro area by a namesake sound.

ANSWER: Long Island

(10) One of these animals is preserved in formaldehyde in Damien Hirst’s artwork *The Physical Impossibility of Death in the Mind of Someone Living*. A black man wearing khaki pants is trapped by these animals in Winslow Homer’s *The Gulf Stream*. In a John Singleton Copley painting set in Havana Harbor, Brook Watson tries to spear one of these animals as it opens its mouth to bite a drowning man. For the point, name this type of fish that comes in bull and great white varieties?

ANSWER: sharks

(11) Robert Dunham made a classification system for this substance, whose solubility in acidic water creates karst topography. Bits of diatoms, coral, and sea sponges are found in this rock, whose mineral makeup is predominantly aragonite and calcite. This rock makes speleothems like stalactites and stalagmites and can recrystallize into the metamorphic rock marble. For the point, name this rock used in the construction of the Great Pyramid.

ANSWER: limestone

(12) This ruler lost to the 16-year old leper king Baldwin IV at the Battle of Montgisard. This ruler offered a glass of water to Baldwin's successor, Guy of Lusignan, who he captured after winning the Battle of Hattin. This ruler overthrew the Fatimid dynasty, and founded the Ayyubid dynasty. In 1187, this ruler's forces captured Jerusalem and placed it under Muslim rule. For the point, name this leader who was opposed by Richard the Lionheart during the Third Crusade.

ANSWER: Saladin (or Salah ad-Din Yusuf ibn Ayyub)

(13) Andrei Sakharov proposed three conditions necessary for the baryogenesis that occurred after this event. Soon after this event, nucleosynthesis occurred, and thermal radiation remaining from this event can be seen in the cosmic microwave background. The name for this event was proposed by Fred Hoyle to contrast it with the steady state theory, and some believe the universe will end in an effective opposite of this event known as the Big Crunch. For the point, name this theory of the creation of the universe which states it expanded from a small dense point.

ANSWER: Big Bang

(14) In one debate, this man asks Euthyphro [youth-ih-fro] to define "piety;" that definition is of interest to this man, as he was criminally charged with impiety. In another work, this man's friend Crito [cree-toh] offers to buy this man's way out of jail, an offer that this man refuses, guaranteeing his impending death by hemlock. For the point, name this ancient Greek philosopher whose dialogues with his students and enemies were recorded in works like *The Apology* by his follower, Plato.

ANSWER: Socrates

(15) In one of this composer's works, Kashchei the Immortal controls monsters that are forced into an Infernal Dance choreographed by Michel Fokine. In another collaboration with Sergei Diaghilev, this composer wrote a very high bassoon solo that, like Vaslav Nijinsky's dancing, was met with jeers from the Parisian audience. For the point, name this Russian composer of the ballets *The Firebird* and *The Rite of Spring*.

ANSWER: Igor Stravinsky

(16) In 2007, Hrant Dink was assassinated in this country. Orhan Pamuk, the author of *Snow*, was tried under this country's Article 301, which controversially limits discussion of the Armenian genocide and other topics deemed insulting to this nation. This country's dispute with Greece over the island of Cyprus has delayed its acceptance into the European Union. For the point, name this Eurasian country that formed after the breakup of the Ottoman Empire.

ANSWER: Republic of Turkey

(17) This author wrote about a girl from Acadie who falls in love with Gabriel in one poem. The protagonist of another poem by this author of "Evangeline" grew up "by the shores of Gitchee Gumee" and marries Minniehaha. This poet also wrote about an American who waits for lanterns to be hung in the North Church Tower before traveling to Lexington and Concord to warn of the approach of English troops. For the point, name this author of "The Song of Hiawatha" and "Paul Revere's Ride."

ANSWER: Henry Wadsworth Longfellow

(18) The city of Gezer was burnt by the Pharaoh as a dowry for this man marrying the Pharaoh's daughter, who was one of his seven hundred royal wives. To settle a dispute over two women claiming to be the mothers of a baby, he suggested they slice the baby in half. This man used sandalwood from the Queen of Sheba to make railings for the First Temple in Jerusalem, and may have written the Song of Songs. For the point, name this wise king of Israel who was the son of David.

ANSWER: King Solomon (or Schlomo or Sulayman; accept Jedidah)

(19) An assembly in this work includes the 2002 NBA All-Stars, Swamp Creature, and a man referred to as "Dumbledore," Gandalf. In this film, the owner of Octan gives out free tacos on Taco Tuesday, but weaponizes the Kragl [kraggle], an adhesive; that villain is the President-turned-Lord Business. It earned an Oscar nomination for Best Original Song, "Everything is Awesome." For the point, name this 2014 film whose protagonist, Emmet, is a small toy.

ANSWER: The Lego Movie

(20) Two answers required. A 2016 business deal between these two countries approved a factory to build Oggun tractors. In March 2016, the leader of one of these countries honored Jose Marti, an independence fighter of the other country, on a state visit. While diplomatic relations were restored in 2015 and a travel ban was partially lifted, a 56-year-old embargo by one of these countries on the other still remains. For the point, name these two countries that restored a diplomatic relationship in 2014, allowing President Obama's March 2016 visit of Havana.

ANSWER: United States of America and Cuba

(21) Aneroid types of this instrument use a beryllium-copper alloy and are usually in boats and weather stations. Blaise Pascal and Pierre Petit used wine and water to fill the Torricellian vacuum in one of these devices. A pressure altimeter is a travelling one, and Robert Fitzroy combined this instrument with a thermometer even though his ship remained at sea level pressure. Measurements taken with this device may be given in units of millimeters of mercury. For the point, name this instrument that measures atmospheric pressure.

ANSWER: barometers (accept additional information)

(22) Critical commentary made while refereeing a contest on these works appears in *The Seashell Game*. This style of poetry often includes a seasonal word called a kigo [kee-goh]. This style of poetry was developed in *The Narrow Road to the Deep North*, whose author wrote a poem in this style describing a frog jumping into an old pond. Matsuo Basho was a master of, for the point, what style of Japanese Poetry that consists of three lines of five, seven, five syllables.

ANSWER: haiku

(23) Justices White and Rehnquist dissented in this case, whose ruling was issued simultaneously with *Doe v. Bolton*. This case's ruling was modified, and its trimester-based system of determining legality nullified, by 1992's *Casey v. Planned Parenthood*. For the point, name this 1973 Supreme Court case that quoted the Constitutional right to privacy in declaring abortion legal in certain circumstances.

ANSWER: Roe v. Wade (accept in either order; prompt on partial answer)

(24) An electric field applies this quantity to align a dipole moment to the field lines. Archimedes studied this quantity using a lever and fulcrum. Energy is equal to this quantity times the angle of rotation, and its direction is found with the right hand rule. This quantity occurs when force is not applied to an object's center of mass, creating clockwise or counterclockwise motion around the object's axis. It is the cross product of force and lever arm distance. For the point, name this rotational analog of force.

ANSWER: torque

(25) Hastie Lanyon dies from shock from watching an action of this character, who was responsible caning Danvers Carew to death. The identity of this man is investigated by the lawyer Gabriel Utterson, who notes that this character makes him feel instinctively revulsed. This character was born after a man created a potion in an attempt to remove the evil from his personality. For the point, name this violent character, the alter ego of Dr. Henry Jekyll.

ANSWER: Mr. Edward Hyde (accept Dr. Henry Jekyll before he is named)

(26) The Wilson-Gorman Tariff Act overturned a tariff named for this man, which had set import duties at 50%. Hawaii was annexed during this man's presidency, which he earned after defeating William Jennings Bryan with a "front porch" campaign. While meeting supporters in the Temple of Music, this man was shot multiple times by Leon Czolgosz [chol-gosh]. For the point, name this man who closed out the 19th century as the 25th president of the United States.

ANSWER: William McKinley

(27) The narrator of this work claims his family motto is "No one invokes me with impunity" after describing his family arms as a human foot crushing a serpent, and he insists he is a mason when confronted by a man whose "thousand slights" remain undefined. A descent into the catacombs in this short story is preceded by an argument over the title wine. Fortunato is entombed by Montresor in, for the point, what short story by Edgar Allan Poe?

ANSWER: The Cask of Amontillado

(28) The scanning probe type of this instrument creates 3D maps of a sample surface, while transmission and scanning types operate by shooting an electron beam through a sample. Antonie van Leeuwenhoek created the first one of these objects to observe animalcules in a pond. Optical types of this tool may have different mirrors or lenses in the spinning nosepiece, used to focus light through a slide. For the point, name this lab tool that makes small objects, like cells, appear larger.

ANSWER: microscopes

(29) The number k is this type of number for m if m is equal to zero, modulo k . Two numbers are relatively prime if they have none of these related numbers in common. Prime numbers only have a single proper one of these numbers: 1. The largest number that has this property with each of a set of given numbers is called the GCD. For the point, give this term for a number that can divide evenly out of a larger number.

ANSWER: divisor (or factor)

(30) When this god was kidnapped by pirates, he caused them to turn mad and leap into the sea, becoming dolphins. Frenzied female followers of this deity were called Maenads. This god's mother, Semele, was incinerated when she asked Zeus to show himself in his full glory, but was saved from the womb when Zeus sewed him into his thigh. This god was thus named for the fact that he was "twice-born". For the point, name this Greek god of wine and merriment.

ANSWER: Dionysus (accept Bacchus)

(31) This nation is home to the longest undersea tunnel in the world, which provides access to a city known for a Snow Festival and this country's oldest brewery. The Seikan Tunnel is in this country, where roughly one-third of the population live in the Kanto region. A 1923 earthquake devastated the prefectures of Chiba and Kanagawa in, for the point, what country once ruled by the Tokugawa Shogunate from Edo Castle in modern Tokyo?

ANSWER: Japan (or Nippon or Nihon)

(32) An Edward Hopper painting of this day shows a tight-packed red and green storefront and the long shadows cast by a fire hydrant and a barber pole, and is titled *Early "this" Morning*. In another painting of this day, a woman in a bustle skirt walks a monkey toward a riverbank, as depicted with dabs, rather than strokes, of paint. An enormous Pointillist work by Georges Seurat showing an *Afternoon on the Island of La Grande Jatte* is of, for the point, this first day of the week.

ANSWER: Sunday (accept Early Sunday Morning; accept A Sunday Afternoon on the Island of La Grande Jatte or A Sunday Afternoon on the Isle of La Grande Jatte; accept Un dimanche après-midi à l'Île de la Grande Jatte)

(33) John Findley Wallace oversaw this project for a year before giving up. In the leadup to this project, the United States gained permanent building rights due to a confusing clause in the Hay-Bunau-Varilla Treaty; those rights were dropped in 1999. This construction project drastically improved shipping times by ending the need to sail around Cape Horn at the southern tip of South America. For the point, name this manmade waterway that juts through Central America.

ANSWER: Panama Canal

(34) In one short story, a group of people performing this action cause the strongman Deutscher to defeat Keith in a presidential election. That group includes the guide, Mr. Travis, and the coward Eckels, who pays ten thousand dollars to perform this action. Eckels breaks an important rule of this action by leaving the path, at which point he steps on a butterfly and causes a cascade of changes in the world. For the point, name this science-fiction activity performed by the hunters in Ray Bradbury's short story "A Sound of Thunder," who contaminated the past during their T. Rex hunt.

ANSWER: time travel (accept hunting dinosaurs or hunting a T. Rex until it is read; prompt on "hunting" before "hunter" is read)

(35) As an acronym, this word names a tokamak in England. Active galactic nuclei emit plasma near speed of light plasma in the “relativistic” form of this concept. Supersonic air flow is used to power a machine named for these things, prefixed with “scram.” Propellers and this type of engine are commonly used to provide thrust to airplanes. For the point, name this term which also refers to a stream of wind in the upper atmosphere.

ANSWER: jet (accept Joint European Torus, relativistic jets, (scram) jet engines, or jet stream)

Extra Question

Only read if moderator botches a question.

(36) This organ does not distort when saturated due to the collagen bundles and elastin that are anchored to adipose tissue in this organ’s connective tissue. Keratin waterproofs the squamous cells of this organ, which keeps bacteria out of the body as part of the integumentary system. Sweat glands are found within this largest organ of the human body. For the point, name this organ which is flexible enough to wrinkle when saturated, made up of the dermis and epidermis.

ANSWER: skin