

Ladue Invitational Spring Tournament VI

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ROUND 8 - TOSSUPS

1. **One performer of this instrument recorded the jazz standard “Spain” on the album *Light as a Feather* with his ensemble Return to Forever. Another performer of this instrument re-recorded his song “Watermelon Man” along with the funk-inspired Chameleon on his album *Head Hunters*. In addition to Chick Corea and (*) Herbie Hancock, more famous performers of this instrument include the composer of “Round Midnight” and “Straight, No Chaser”. Another player of this instrument included his “Blue Rondo ala Turk” and a piece unusually in 5/4 time on his album *Time Out*. For ten points, name this keyboard instrument played by Thelonius Monk and the performer of “Take Five”, Dave Brubeck.**

ANSWER: piano [accept keyboard before mentioned, accept electric keyboard before “big band leader”]

<ES>

2. **One baptism-like ceremony in this religion involves the singing of prayers while a sweetened liquid is stirred with a sword, and those who do not perform that ceremony are known as *sehajdhari*. The holy text of this religion is placed on a platform called a *takht*, and female adherents of this faith commonly have the last name Kaur. Places of worship in this religion often contain (*) langars, in which meals are cooked, and this religion’s holiest site is the Golden Temple. Observing kesh and carrying a kirpan are among this belief system’s five K’s, and the worshippers of this faith pray to the Adi Granth in gurdwaras. For ten points, name this Indian religion founded by Guru Nanak.**

ANSWER: Sikhism

<AG>

3. **These mountains contain the saline Chott el Hodna east of the Hautes Plateau. The Noor Solar Power Station outside Ouarzazate will provide energy to this range’s Draa Valley. The Chaoui people inhabit the Aurés Mountains, the easternmost subrange of these mountains. Due to their Alleghenian Orogeny these mountains are actually distinct from the Baetic system that spawned the (*) Rif to their north. The highest point of these mountains, Jebel Toubkal is located in their high section, but they also include Tell, Anti and Saharan subranges. For ten points, name this North African mountain range named for a Titan tasked to hold up the earth.**

ANSWER: Atlas Mountains

<HR>

4. **The Strassen algorithm states that this is the least number of multiplications needed to multiply two 2 by 2 matrices, and along with three, this is the other number of dimensions in which the cross product is well defined. Because it is not the product of a power of 2 and some number of Fermat primes, this is the smallest number n greater than 2 for which a regular n-gon (*) can’t be constructed, while the reciprocal of this number gives the smallest cyclic number. When rolling two six-sided dice, this is the most likely sum to come up. For ten points, name this number which is the number of sides in a heptagon and the number of days in a week.**

ANSWER: seven

<MS>

5. **This man contrasted three dimensional shapes with a two dimensional whale and sun in his mural for the Stillman House. This artist used wire, cloth, and other household items to create contortionists and lion tamers in his namesake circus, and he used his namesake shade of (*) red in a work commissioned for the Olympic Sculpture Park, as well as a work with two legs in front of the Kluczynski Federal Building in Chicago. This artist of *Eagle* and *Flamingo* created a piece that uses sheet metal and wire and is located in the Museum of Modern Art’s stairwell. For ten points, what American sculptor created *Lobster Trap and Fish Tail* as well as several other mobiles?**

ANSWER: Alexander Calder

<RP>

6. After performing one experiment, this man published *Kinesthetic and Organic Sensations*, a paper filled with “colloquial and slang expressions”. This thinker worked alongside Harvey Carr in an experiment that tested the transformation of voluntary motor responses to conditioned responses, which involved a rat running into a wall, making its eponymous (*) “kerplunk” noise. Douglas Merritte was the subject of another of his experiments, which used burning newspaper, a mask of Santa, and a steel bar and hammer. That experiment was conducted with his wife Rosalie Raynor and caused its subject to develop a fear of rats, and eventually all furry objects. For ten points, name this “father of behaviorism” who conducted the Little Albert experiment.

ANSWER: John Broadus Watson

<RP>

7. This ruler passed a decree that banished Jews and defined the rules of slavery in his country, which became known as the Code Noir. An army strengthened by this ruler’s secretary of war François-Michel Le Tellier fought the Dutch-led Triple Alliance, but he was eventually forced to make peace with the Netherlands by the Treaty of Nijmegen. This ruler revoked the Edict of Nantes by passing the Edict of (*) Fontainebleau and he hired Jean-Baptiste Colbert to serve as his finance minister. This absolute monarch famously declared “I am the state”, and he faced heavy backlash for his construction of the expensive Palace of Versailles. For ten points, name this king of France who was nicknamed “Sun King”.

ANSWER: Louis XIV [prompt on “Louis”, accept Sun King before mentioned]

<RP>

8. In April of 2015, a collection containing over 1,200 images of these creatures peaked at a bid of almost \$100,000 on eBay, and was later wrongfully credited for causing an Israeli stock market crash. This creature is called “Foul Bachelor” in a work of the “advice” genre. Two of these animals appear in an image whose caption often quotes “me” and “me to me”. The subject of that image appears in front of a blurry (*) window in another image in which he sips Lipton Yellow Label Tea. Popular imitations of an image of one of these animals include ones showing its subject as Donald Trump, Shrek, and Sonic the Hedgehog, and another popular meme shows one of these animals riding a unicycle. For ten points, identify these animals that are the subject of internet memes such as Dat Boi, Rare Pepe, and Kermit.

ANSWER: frogs [accept specifics such as Foul Bachelor Frog, Dat Boi, Rare Pepe, or Kermit before mention, prompt on “amphibian” or “toad”]

<RP>

9. “Juntos” is a program in this country that pays money to rural families each month to incentivize them to attend school and get regular health checkups. In November 2016, one city in this country witnessed protests against the Asia-Pacific Economic Cooperation, in which 21 world leaders met in this country soon after. This nation’s April 2016 presidential election saw Keiko (*) Fujimori lose the vote to Pedro Pablo Kuczynski. This country’s “Communist Party” is better known as the Shining Path, and has been the source of internal conflict since the late 1960s. For ten points, name this South American nation governed from Lima.

ANSWER: Peru

<AG>

10. This deity travelled on two boats, the Mandjet and the Mesektet. This deity is also the ancestor of all members of the Ennead. He sent his eye as a goddess to punish humanity, but later changed his decision, and used red beer to stop that goddess. Isis created a serpent to (*) poison this deity, and gave him the antidote in exchange for his secret name. His center of worship was Heliopolis, and was manifested by Khepri and Khnum during different times of the day. This deity formed the “king of gods” when it combined with Amun. For ten points, name this Egyptian sun god.

ANSWER: Ra

<JW>

HALFTIME

11. Unrest in this country caused by the murder of James Scobie led to the formation of the Ballarat Reform League and backlash from thousands of gold miners. After Lachlan Macquarie filled the position of the deposed William Bligh, the Rum Rebellion broke out in this country. This country's longest serving prime minister was Robert (*) Menzies, who founded its Liberal Party and famously called the middle class, "The Forgotten People". A leader of this country gave a speech apologizing for the mistreatment of its "Stolen Generations", and that prime minister, Kevin Rudd, was succeeded by Julia Gillard in 2010. Aborigines are the indigenous people of, for ten points, what country whose capital is Canberra?

ANSWER: Commonwealth of Australia

<RP>

12. These objects were first theorized in 1934 by Walter Baade and Fritz Zwicky, but they were not actively studied until Jocelyn Bell discovered their existence in 1967 with a radio telescope. The core of these objects is thought to be made up of strange matter, and these bodies are held together by a degeneracy pressure higher than that of electron degeneracy. (*) Pulsars are a type of these objects that radiate electromagnetic radiation in two opposite directions. For ten points, name these remnants of a massive star that underwent a supernova, named after a neutral subatomic particle.

ANSWER: neutron star

<NG>

13. A character in this play believes that the cows wandering the highroads are to blame for the sorrow of one character, who later discovers a needle in Mary Warren's poppet doll while serving as clerk of the court; that character is Ezekiel Cheever. After accusing Thomas Putnam of trying to take his land during the trial of his daughter Martha, (*) Giles Corey is pressed to death. In this play's beginning, John Hale is sent to the house of Reverend Parris when he finds his daughter Betty unconscious after she had went dancing in the woods with the slave Tituba. For ten points, name this play written by Arthur Miller about the Salem Witch Trials.

ANSWER: *The* Crucible

<RP>

14. Regulation of this process involves Protein C and Prostacyclin, and some disorders of this process include Von Willebrand's disease and Christmas disease. Drugs such as heparin and warfarin, which inhibits reduction of vitamin (*) K, can be used to prevent this process. This process can be harmful due to the obstruction that results when it forms a thrombosis. It is positive feedback loop, and when a genetic deficiency causing the absence of factor VIII of this process occurs, hemophilia is the result. For ten points, name this process that stops bleeding.

ANSWER: coagulation [accept blood clotting]

<LP>

15. This man nearly dueled James Monroe due to Monroe's investigation into one of his scandals. This man attacked the positions of Samuel Seabury in early writings, and in his highest position, he submitted the First Report on Public Credit to Congress. This man, along with Thomas Jefferson and James Madison, negotiated the Compromise of 1790, and his political career was effectively ended when his affair with (*) Maria Reynolds was exposed. This man's influence in the Election of 1800 ultimately led to a fatal encounter this man had with the Vice President at Weehawken. For ten points, name this first Treasury Secretary of the United States who died in a famed duel with Aaron Burr.

ANSWER: Alexander Hamilton

<ES>

16. The Lorentz-Lorenz equation relates this quantity to polarizability and density. In 1967, Victor Veselago showed that it is possible for a material to have a negative value for this quantity without breaking the laws of physics. It is required to know this quantity to calculate the angle at which reflected light will be perfectly (*) polarized off a surface. The critical angle between two surfaces can be calculated by taking the sine inverse of the ratio of this quantity in each medium. This quantity is often used along with the angle of incidence in Snell's Law. For ten points, name this quantity of a material that is defined as the ratio of speed of light in a vacuum to the speed of light in a medium.

ANSWER: index of refraction

<NG>

17. A character in one of this man's plays correctly assumes the meaning of a "carnal embrace", and another performs research on the population of nearby birds. That character, Valentine, contemplates that Lord Byron killed Ezra Chater with Hannah, Bernard, and his sister Chloe while helping Thomasina (*) Coverly. This author wrote a play in which two characters meet The Player, who leads the Tragedians in their performances of "The Rape of the Sabine Women" and "The Murder of Gonzago". That play famously opens with a coin flip game in which one of the two title characters lands on heads ninety-two times. For ten points, name this author of plays such as *Arcadia* and *Rosencrantz and Guildenstern are Dead*.

ANSWER: Tom Stoppard

<RP>

18. This leader's father, Sin-Muballit, expanded the power of this leader's state by conquering Borsippa and Kish. During the First Amorite Dynasty, this man defeated an alliance of Ashur, Elam, and Eshnunna. This ruler declared that if a mistake was found in the verdict of a (*) judge, the judge would have to pay twelve-fold the fine he charged. This man's most famous writing was found on a black stele in Susa in 1901, and is based on lex talionis. This man created a text that calls for punishments such as cutting off the fingers of a son if he strikes his father and an eye for an eye. For ten points, name this Babylonian ruler who created the first known law code.

ANSWER: Hammurabi

<ES+RP>

19. This decision overruled the 1942 case of *Betts v. Brady* in a majority opinion by Justice Hugo Black, and it was later extended by *Massiah v. United States* and *Miranda v. Arizona* to apply its central principle to the process of police interrogation. Future Justice (*) Abe Fortas argued this case before the court, and this case concerned a break in at a pool hall in Florida. The petitioner in this case claimed his sixth and fourteenth amendment rights had been violated. For ten points, name this Supreme Court case which required that states provide attorneys to impoverished defendants in noncapital cases.

ANSWER: Gideon v. Wainwright

<SP>

20. The title character of one of this author's novels is tracked down by the detective Jacques Moran, and that novel is in a trilogy with *Malone Dies* and *The Unnamable*. In one of his plays, Nagg and Nell live in trashcans and that play also includes Hamm, who is unable to stand, and Clov, who is unable to sit. In his best known play, one character dances "The Net" after kicking another in the (*) shin, and that work is set around a tree. In that play, Lucky and Pozzo alternate roles between slave and master, and despite reassurance from the boy to Vladimir and Estragon, the title character never arrives. For ten points, name this Irish playwright who wrote *Endgame* and *Waiting for Godot*.

ANSWER: Samuel Beckett

<RP>

End of regulation, only proceed if tied

21. In a novel by this author, Conrad allows the title character to stay in his home, where he provides her with psychotherapy. The main character of that work falls in love with Bernard Chabalier after moving to Paris, where she reunites with the black boy "Baasie", who scolds her for not remembering his real name. That work opens with the death of the protagonist's communist father, (*) Lionel. In another novel by this author, the title character drives a bakkie to get supplies for her village, and that work ends with Maureen chasing an unknown helicopter. In that novel, the Smales family is forced to leave their home city due to violence from apartheid, and moves to the village of their servant, the title character. For ten points, name this South African author of *Burger's Daughter* and *July's People*.

ANSWER: Nadine Gordimer

<RP>

22. **An allotrope of this element, Austenite, has vanadium or molybdenum stuck in its interstitial spaces to prevent corrosion in the new substance. Mossbauer spectroscopy is often used on this substance to assess bonding properties. This substance is used to produce ammonia or fuel in the (*) Haber-Bosch process. This element, when treated with acids made from halogens, produces ferrous and ferric halides. This metal has a “wrought” and “pig” type, and when it oxidizes, it forms rust. For ten points, name this transition metal with periodic number twenty-six and symbol Fe.**

ANSWER: **iron** [accept **Fe** until mentioned]

<CL>

BONUSES

1. Bonus: At the beginning of this event, Heimdall blows on his horn to wake and alert the other gods. For ten points each:

[10] Name this Norse apocalypse in which many of the gods are killed.

ANSWER: Ragnarok [prompt on the end of the world or other similar things]

[10] During Ragnarok, this wolf swallows Odin, but is later killed when Odin's son kicks him. When he was originally tied up, Tyr put his hand in this wolf's mouth to make him believe he wasn't bound, but he was, and Tyr lost his hand.

ANSWER: Fenrir

[10] When Ragnarok begins, these two humans hide in a forest, and come out after it ends to repopulate the earth. Name both of them.

ANSWER: Lif and Lifthrasir [accept either order, prompt on single answer]

<MS>

2. Bonus: Identify these historians from ancient Greece who chronicled wars. For ten points each:

[10] This "Father of History" described the cultures, conflicts, and politics of Greece in his magnum opus, *The Histories*, which most notably include the only written accounts of the Greco-Persian wars.

ANSWER: Herodotus

[10] Herodotus was also the teacher of this other historian, who aimed to record purely factual reports of events, free of bias, and is thus often called the "father of scientific history". He wrote the *History of the Peloponnesian War*.

ANSWER: Thucydides

[10] Like Thucydides, this man also wrote about the Peloponnesian War, specifically its end and aftermath, in the *Hellenica*. He also wrote the *Anabasis*, which details the expedition of 10,000 Greek mercenaries to the Battle of Cunaxa.

ANSWER: Xenophon

<RP>

3. Bonus: Its formulator found this law after analyzing Tycho Brahe's observations of Mars. For ten points each:

[10] Name this law that states that the line between an object and the object its orbiting traces out equal amounts of area in equal amounts of time.

ANSWER: Kepler's Second Law

[10] Kepler's Second Law mathematically follows from the conservation of this quantity. For a particle, it is equal to the cross product of its position and momentum vectors.

ANSWER: angular momentum [prompt on momentum, do not accept linear momentum]

[10] Kepler's Third Law states that the period of a planet's orbit squared is proportional to this power of its major axis, and Newton describes how to multiply the angular speed of an orbit by adding a force varying with the inverse of this power of r.

ANSWER: cube [accept three]

<MS>

4. Bonus: A wounded character in this story is referred to as the "tattered man", who follows the main character. For ten points each:

[10] The adventures of the protagonist Henry Fleming are described in this novel set during the Civil War.

ANSWER: *The Red Badge of Courage*

[10] The Red Badge of Courage is the most famous work of this American Naturalist author, who also wrote about the Swede in his short story, "The Blue Hotel".

ANSWER: Stephen Crane

[10] In his poem "In the Desert," Stephen Crane describes a "creature, naked, beastial" that eats this "bitter" part of its body.

ANSWER: heart

<RP>

5. Bonus: This value is 3 for the equation $y=3x-4$. For ten points each:

[10] Name this value that gives how quickly a function increases; for a line this quantity is equal to rise over run.

ANSWER: slope [accept derivative]

[10] The instantaneous slope at a point of a general curve can be found by performing this process. This process cannot be performed where there is a bend or a cusp, such as the equation y equals the absolute value of x at the origin.

ANSWER: differentiation

[10] Despite being continuous everywhere, this function is differentiable nowhere. It is named after the German mathematician who proved the Intermediate Value Theorem.

ANSWER: Weierstrass Function

<MS>

6. Bonus: This man became leader of the Nazi Political Party by one vote. For ten points each:

[10] Name this Führer who lost World War II as leader of Nazi Germany and wrote *Mein Kampf*.

ANSWER: Adolf Hitler

[10] Hitler wrote *Mein Kampf* during the prison sentence he incurred after this failed event. In this failed coup, Hitler attempted to seize power in Munich with Erich Ludendorff.

ANSWER: Beer Hall Putsch

[10] Hitler orchestrated this purge on June 30th that targeted Ernst Rohm, the SA, and others who opposed the Nazi Party. It was codenamed Operation Hummingbird.

ANSWER: Night of the Long Knives [or Nacht der langen Messer]

<RP>

7. Bonus: Answer the following about the sculptors of national landmarks in America. For ten points each:

[10] Name this sculptor of The Statue of Liberty, a Frenchman, who also created *The Lion of Belfort* out of red sandstone.

ANSWER: Frederic Bartholdi

[10] This American carved the faces of Jefferson Davis, Robert E. Lee, and Stonewall Jackson into Stone Mountain and sculpted George Washington, Thomas Jefferson, Theodore Roosevelt, and Abraham Lincoln at Mount Rushmore.

ANSWER: Gutzon Borglum

[10] The massive seated statue of the Lincoln Memorial was designed by this man. He also created a sculpture of a man holding a rifle in his right hand and a plow in his left in *The Minute Man*.

ANSWER: Daniel Chester French

<RP>

8. Bonus: In this work, because of his family's poor financial situation, one character's son, "Little Father Time" kills his siblings and hangs himself, leaving a note that says "Done because we are too menny." For ten points each:

[10] Name this novel, which follows the title character and his relationships with Arabella and Sue Bridehead.

ANSWER: Jude the Obscure

[10] This author of *Jude the Obscure* also described the suitors of Batsheba Everdeen, including Gabriel Oak, in his *Far from the Madding Crowd*, and he also wrote *The Mayor of Casterbridge*. He often set his novels in the fictional county of Wessex.

ANSWER: Thomas Hardy

[10] The title character of this other Hardy novel is arrested at Stonehenge after killing Alec in order to be with her lover, Angel Clare.

ANSWER: Tess of the d'Urbervilles: *A Pure Woman Faithfully Presented*

<MS>

9. Bonus: Answer some questions about the five pillars of Islam. For ten points each:

[10] This pillar states that Muslims must declare their belief in only one god, Allah, whose messenger is Muhammad.

ANSWER: **shahada**

[10] Followers of Islam are obligated to give to charity as a form of “tax”, or almsgiving, in this other pillar, second only to prayer in importance.

ANSWER: **zakat**

[10] This pillar of Islam encourages all capable Muslims to make a pilgrimage to Mecca, where they walk around the Kaaba 7 times.

ANSWER: **Haji**

<AG>

10. Bonus: This character gets a role in a movie in which his only line is “these pretzels are making me thirsty.” For ten points each:

[10] Name this wacky neighbor of Jerry played by Michael Richards on a “Show about nothing.”

ANSWER: Cosmo **Kramer**

[10] Kramer appears in this show, which shares its name with one of its creators, who also stars as the main character, Jerry. Other characters in this show include Jerry’s best friend, George Costanza.

ANSWER: **Seinfeld**

[10] This woman was George’s fiancée who, much to George’s delight, died after licking the glue off of cheap envelopes for their wedding.

ANSWER: **Susan** Biddle Ross

<MM>

11. Bonus: All cells eventually die, but some do so intentionally. For ten points each:

[10] Name this process of controlled cell death.

ANSWER: **apoptosis**

[10] Apoptosis can be activated by the release of cytochrome c, which is a member of a family of proteins that all have this metal bound to them. In red blood cells, the protein hemoglobin contains oxygen bound to this metal.

ANSWER: **iron**

[10] Unlike the regulated nature of apoptosis, this uncontrolled form of cell death results from physical injury or infection and is a symptom of gangrene and flesh-eating disease.

ANSWER: **necrosis**

<BZ>

12. Bonus: This work is often considered to be the world’s first novel. For 10 points each:

[10] Name this work which follows the life and various love affairs of the title son of Emperor Kiritsubo, including one with a concubine named Lady Kiritsubo.

ANSWER: *The* **Tale of Genji**

[10] *The Tale of Genji* was written by this Japanese lady-in-waiting during the 11th century, during the Heian period.

Because Chinese characters were primarily used by men at the time, this woman most likely wrote *The Tale of Genji* in kana.

ANSWER: Lady **Murasaki Shikibu** [or **Fujiwara Takoko**, accept any underlined word]

[10] This chapter of *The Tale of Genji* is left entirely blank. It is usually assumed that this chapter refers to the death of Genji.

ANSWER: **“Vanished into the Clouds”** [or **“Kumogakure”**]

<MS>

13. Bonus: The Union battleships *Choctaw* and *Lexington* suppressed Confederate forces at a battle fought in this location. For ten points each:

[10] Name this site of a namesake campaign during the Civil War. At this site, Ulysses S. Grant earned Union control of the Mississippi.

ANSWER: Vicksburg (accept Siege of Vicksburg)

[10] The capture of Vicksburg was a part of this plan. This strategy aimed to cut the South in two by blocking Southern ports, in order to “suffocate” the Union.

ANSWER: Anaconda Plan

[10] The Anaconda Plan was formulated by this general who was nicknamed “Old Fuss and Feathers”.

ANSWER: Winfield Scott

<RP>

14. Bonus: One tributary of this river turned red in August 2015 when the EPA accidentally allowed water from the Gold King Mine's tailings pond to enter it. For ten points each:

[10] Name this river that passes through the Grand Canyon as it flows from its namesake state to the Gulf of California.

ANSWER: Colorado River

[10] The Colorado river is impounded at the Black Canyon by this structure, named for a Depression era president. It provides energy for much of the Southwest and creates Lake Mead, the largest reservoir in the country.

ANSWER: Hoover Dam

[10] The Colorado was also impounded by Glen Canyon Dam to form this reservoir. It is named for the first European to take the Colorado through the Grand Canyon.

ANSWER: Lake Powell

<HR>

15. Bonus: Kinetic molecular theory describes the behavior of particles in this type of matter. For ten points each:

[10] Identify this state of matter which is detailed in Boyle's, Charles', and Avogadro's laws. Its “ideal” type alternatively has a namesake law with variables P, V, T, and n.

ANSWER: gases

[10] This gas law states that the pressure exerted by a gas is directly proportional to its temperature, and is sometimes referred to as Amontons' law.

ANSWER: Gay-Lussac's law

[10] Temperature in Gay-Lussac's law is measured in this unit, symbolized K, which is based around absolute zero.

ANSWER: Kelvin

<AG>

16. Bonus: A character in this novel tries to read all of the nonfiction books in alphabetical order, but fails to do so after being banned from the library for sexual assault. For ten points each:

[10] Name this novel written in diary entries, in which Antoine Roquentin diagnoses himself with the title phenomena after becoming disgusted with everything in the town of Bouville.

ANSWER: Nausea

[10] Nausea was written by this French author. He wrote a play about the avengement of Agamemnon's death by his daughters in *The Flies*.

ANSWER: Jean Paul Sartre

[10] In this play by Sartre, the damned souls Estelle, Garcin, and Ines confess to their crimes in a second-empire style room. After failing to leave the inescapable room, Garcin concludes that “hell is other people”.

ANSWER: No Exit

<RP>

17. Bonus: Identify the following Rodgers and Hammerstein musicals, for ten points each:

[10] Curly defeats Jud Fry for the hand of Laurey in this “book musical”, the first by the duo, which features the song “Oh, What a Beautiful Morning”.

ANSWER: **Oklahoma!**

[10] This Rodgers and Hammerstein musical is set in Austria and features the governess Maria teaching Captain von Trapp’s children to sing, featuring songs such as “Do Re Mi” and “My Favorite Things”, as well as the title track.

ANSWER: **The Sound of Music**

[10] This musical is set during World War II and centers around a nurse named Nellie Forbush who falls in love with a French plantation owner, but is hesitant to accept his mixed-race children. It features the song “Some Enchanted Evening”.

ANSWER: **South Pacific**

<RP+GM>

18. Bonus: On October 21, 2016, U.S. airstrikes killed 8 members of this terrorist group. For ten points each:

[10] Name this terrorist group once led by Osama bin-Laden that was responsible for the 9/11 attacks.

ANSWER: **Al-Qaeda**

[10] Al-Qaeda officially denied responsibility for the creation of this militant group that controls large areas of land in its two namesake countries. Known for their videos of beheadings, they have been declared a terrorist organization by the UN.

ANSWER: **Islamic State of Iraq and Syria** [accept **Islamic State of Iraq and the Levant**, **ISIS**, **ISIL**, or **Daesh**]

[10] In August 2016, ISIS claimed responsibility for a car bombing that targeted forces of this country’s pro-Saudi president Abdrabbuh Mansour Hadi.

ANSWER: Republic of **Yemen**

<AN>

19. Bonus: This work describes a “missing shade of blue” which a person can accurately conceive despite having never seen it before. For ten points each:

[10] Name this empiricist work that contains sections such as “Of the association of ideas” and “Of probability.” It expands on its author’s *A Treatise of Human Nature*, and Immanuel Kant famously claimed that this work awakened him from his “dogmatic slumber.”

ANSWER: **An Enquiry Concerning Human Understanding**

[10] This Scottish philosopher wrote *An Enquiry Concerning Human Understanding* and *A Treatise of Human Nature*. He also described a debate between Demea, Philo, and Cleanthes in *Dialogues Concerning Natural Religion*.

ANSWER: David **Hume**

[10] In this section of *An Enquiry Concerning Human Understanding*, Hume defines the title phenomena as a violation of the laws of nature, and goes on to criticize the reliability of people in their witnessing of the title phenomena.

ANSWER: **“Of Miracles”**

<MS>

20. Bonus: Hone Heke was a chief of these people who began the Flagstaff War. For ten points each:

[10] Name these indigenous people of a certain polynesian country who were declared to be under British sovereignty after the signing of the Treaty of Waitangi.

ANSWER: **Maori**

[10] The Maori were inhabitants of this island whose modern day capital is Wellington.

ANSWER: **New Zealand**

[10] New Zealand was first discovered in 1642 when this Dutch explorer when he was steered east by wind. This man also names the sea between Australia and New Zealand as well as an island once known as Van Diemen’s Land.

ANSWER: Abel **Tasman**

<RP>

21. Bonus: In this novel, one character says his feelings through Shakespearean dramas such as Othello, Romeo and Juliet, and Hamlet, and the World State is a dictatorship ruling London. For ten points each:

[10] Name this novel in which Lenina Crowne and Bernard Marx go on a vacation to a Native American reservation in New Mexico.

ANSWER: **Brave New World**

[10] When Lenina and Bernard visit the Savage Reservation, they meet this woman who became stranded on the Reservation during a vacation, and had a child with the Director of Hatcheries and Conditioning.

ANSWER: **Linda**

[10] Brave New World, intended to be a satire mocking other science fiction novels, was written by this English author.

ANSWER: Aldous **Huxley**

<AG>

22. Bonus: Because this object didn't clear the area around its orbit, it became a dwarf planet in 2006. For ten points each:

[10] Name this dwarf planet, whose main satellite is Charon.

ANSWER: **Pluto**

[10] This space probe launched by NASA took the most detailed pictures of Pluto yet.

ANSWER: **New Horizons**

[10] Pluto was discovered in 1930 by this American astronomer.

ANSWER: Clyde **Tombaugh**

<AG>