

Benedictas Mikulis Memorial Singles

Round 3

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1. Places here included a dark house which necessitated the use of a firefly to simulate a burning cigar, and it was visited by the offspring of Blood Woman, who was impregnated by the head of a hunter who had been killed here. Due to the depiction of Pacal sliding down a tree trunk, it was thought that the dark cleft in the Milky Way represented a road to this location, while another deity associated with this location was Cizin, or "the Stinking One," whose death collar contained disembodied eyes hanging by their nerve cords and who is sometimes depicted as destroying the trees planted by Chac. Its other features include a house of razors and the Jaguar House, as well as a ball court where the sons of Xpiyacoc [pron: shpee-YAH-coc] and Xmucane [pron: shmu-CAHN-ay], One Hunter and Seven Hunter, were killed. Governed by One Death, Seven Death, and eight others who were defeated by Hunahpu and Xbalanque [pron: sh-bah-lahn-kay], for ten points, identify this location described in the Popul Vuh as the Mayan underworld.

Answer: Xibalba [pron: shi-BAHL-bah]

2. Its "end" is the subject of a 2000 book by Russell Jacoby, and it also occurs twice in the subtitle of Jacoby's 2005 book, *Picture Imperfect*, while Paul Berman wrote about "the political journey of the generation of 1968" in a book about two of these. Richard Rorty talks about the "realization" of this concept and the "envisaging" of further ones in his *Contingency, Irony, and Solidarity*, and a book that includes such sections as "Prospects of Scientific Politics" and "The Sociology of Knowledge" was written about ideology and this concept by Karl Mannheim. More famously, Tom Stoppard's plays *Voyage* and *Salvage* form two parts of a trilogy titled after the coast of this place, which was also used to describe the socialism of such people as Robert Owen and Charles Fourier, which was contrasted with "scientific" socialism in a work by Frederick Engels. Most famously used as the title of a fictional work about "the best state of the republic and on the new island," for ten points, identify this word meaning "no place" which titles a novel by Thomas More.

Answer: Utopia

3. One of the men defeated during this series of events went on to found the kingdom of Gaza, while another led his Jere people on a trek of about 1,000 miles as a consequence and ended up overthrowing the Changamire dynasty. These events grew partly out of a dispute over trade at Delagoa Bay, and generated refugees known as Mfengu, who ended up crowding the eastern frontier of the Cape Colony. The death toll as a result of these events was roughly 2 million, and they indirectly made possible the Great Trek, since there was no one left to oppose the Boer settlers as a result of this process. Resulting in the formation of the kingdoms of Swazi, Sotho, and Ndebele, for ten points, identify this series of wars begun by Shaka Zulu which was known as "the crushing."

Answer: mfecane (accept the crushing before it is mentioned)

4. He completed his first book, *Poems about God* while serving in World War I, and he authored "an unorthodox defense of orthodoxy" in his tract on religion, *God without Thunder*. His essays on literature

include an explication of his poetic theories in "Wanted: an Ontological Critic," though he is better remembered for founding the *Kenyon Review* as well as such poetry volumes as *Chills and Fever* and *Two Gentlemen in Bonds*. A member of the Fugitives together with Donald Davidson, Alan Tate, and Robert Penn Warren, he argued for the benefits of an agrarian society in an essay included in *I'll Take My Stand*. However, he is better known for poems such as the one about a "little cousin dead by foul subtraction," as well as one about the "tireless heart" of the titular girl that caused the geese to "rise from their noon apple-dreams." For ten points, identify this poet and critic, best remembered for *Dead Boy* and *Bells for John Whiteside's Daughter*

Answer: John Crowe Ransom

5. In its pure form, it is flammable, though with a very high autoignition temperature; it was used as the propellant for the X-15. It is frequently found as a ligand, as in the cobalt complexes used by Werner to deduce the arrangement of coordination complexes, or as in Tollen's reagent, where it complexes with silver. First isolated in its gaseous form by Priestley, its formula was determined eleven years later by Berthollet; its ability to form hydrogen bonds gives it very different behavior than chemical analogs arsine and phosphine. Its largest use is as a feedstock for the Ostwald process to produce nitric acid. For ten points, name this substance produced on an industrial scale in the Haber-Bosch process.

Answer: ammonia

6. The previous major engagement involving the two sides that participated in this battle was the battle of Alarcos, which took place almost two decades earlier. This engagement took place near Jaen, and the losers had circled around the mountainous region around Baeza, intending to cut off the victors at the plain from which this battle takes its name. Following their arrival on July 12, the victors sieged Castoferral, and after being shown an alternate path through the mountains by a shepherd, descended on the losers' camp. A proclamation of crusade by Innocent III preceded this engagement, which received strong ecclesiastical support from Rodrigo Jimenez de Rada, and in the spring, contingents of French Teutonic Knights were joined in Toledo by forces under Pedro II of Aragon and Sancho VII of Navarre, as well as Alfonso VIII of Castille, who captured Baeza and Ubeda following this battle. The engagement itself took place of July 16, 1212 and saw the defeat of Muhammad an-Nasir. For ten points, identify this victory of Spanish forces over the Almohads, a major turning point for Spain in the Reconquista.

Answer: the Battle of Las Navas de Tolosa or the Battle of Al-uqab

7. Andreas Voight and Nina Lamba are part of an artist's collective that is dedicated to constructing this work piece by piece, though those pieces will not be assembled. One of its features was to be an open-air screen that would broadcast news and on cloudy days a projector was supposed to display images in the sky. Although never actually constructed except in model form, its body was to consist of a glass cylinder, cone, and cube, which would revolve about an asymmetrical axis, and the framework itself would consist of an iron helix, though it is not clear how that frame would have supported a structure over 400 meters tall. Designed to be twice the height of the Eiffel Tower, for ten points, identify this intended piece of Constructivist architecture, the most famous planned project of Vladimir Tatlin.

Answer: Monument to the Third International or Tatlin's Tower before "Tatlin" it is mentioned; also, I suppose, accept Da Zdravstvuyet Tretiy Internatsional

8. His algorithm for weighted deductive parsing is used in computational linguistics to find optimal parse trees. A bijection between array permutations and Young tableaux was introduced by his version of the Robinson-Schensted algorithm. He wrote a set of "Hello World" programs in different languages with Trabb Pardo, and came up with a way of finding an exact cover for a binary matrix which he called algorithm X. He used Lagrange multipliers to optimally allocate a stratified random sampling of 3:16 Bible Texts, and has offered a hexadecimal dollar to those who can locate his errors. Author of an $O(m+n)$ string matching

algorithm with Morris and Pratt, FTP name this inventor of TeX [Tek] and author of The Art of Computer Programming.

Answer: Donald **Knuth**

9. The lyrics "Send three bucks to a comic book, get a house, car, and wife" on the Liz Phair album *Exile in Guyville* are contained in a song whose title refers to being shy of one of these. The ones of "April Morning" form an alternate title to a movie starring Leon van Cleef as a singing Indian, *Captain Apache*. A Korean film that ended in the killing of an opera singer to appease a television reporter has an English title that references these objects "and Talks." The destruction of two of these located on a Greek island is the mission of a British spy team in a movie about the ones of "Navarrone," while Emilio Estevez plays Billy the Kid in a movie about "Young" ones. More recently, Christopher McQuarrie directed a movie that starred Ryan Phillippe and Benicio del Toro about the kidnapping and ransom of a surrogate mother entitled "The Way of" one of these. For ten points, identify these objects which are frequently used to make holes in people with bullets.

Answer: **guns** (accept **Liz Phair** or **Exile in Guyville** or **Gunshy** if anyone buzzes before they are mentioned)

10. Its sensitivity to brefeldin A is due to its requirement for Arf guanine nucleotide exchange factors during its replication. It cleaves the eukaryotic cap-binding complex, preventing translation of host mRNAs so that more ribosomes can produce VP0 and other viral proteins. When it infects the anterior horn, it can lead to AFP, which is one form of Heine-Medin disease. CD155 is the cellular receptor of this enterovirus that infects the central nervous system. FTP, name this paralyzing virus against which vaccines were created by Salk and Sabin.

Answer: **poliovirus**

11. The twenty-three stanzas and the envoy of this work correspond to the hours of the day, with the day stanzas having the refrain, "The woods shall to me answer." In one stanza, the poet praises the trout and pike of the river Awbeg, invoking the "Nymphs of Mulla," and in the next bids his love to awake, since "Rosy Morne long since left Tithones bed." Another stanza welcomes the night and hopes that it will be "calme and quiet some... like as when Jove with fair Alcmena lay." This work's penultimate stanza invokes Hebe and Hymen, as well as Juno, who "the laws of wedlock still dost patronize," and Genius, "in whose gentle hand the bridall bower and geniall bed remain," a reference to the poet's second marriage. Published together with *Amoretti* in 1595, for ten points, identify this sonnet sequence written by Edmund Spenser on the occasion of his marriage to Elizabeth Boyle, whose title translates as "marriage song."

Answer: **Epithalamion**

12. This theorem's namesake also gives his name to the transition region between magnetic domains, as well as to a sphere often used in quantum computing to represent a single qubit. It holds even in the breakdown of the tight-binding approximation, and its application yields an energy shift as a function of wavenumber proportional to minus 2 times the cosine of the product of wavenumber and lattice spacing. This theorem can be proven by showing that a translation by a lattice vector commutes with the Hamiltonian, and it can be applied to the Kronig-Penney model to give the band structure in terms of Brillouin zones. For ten points, identify this theorem formulated by the co-discoverer of NMR, which states that a particle in a periodic potential will have a wave function with the same spatial periodicity as the potential.

Answer: **Bloch's Theorem**

13. An album with a title that alleges that they are "murdering the classics" appeared earlier this year and included songs such as "You Ain't Seen Nothing Yet" and "Tijuana Taxi." One of this band's songs references a location in southern Spain, complete with "Castles and Christians," while in another song, the

singer claims "whatever you want I'll do/ try to squeeze a drop of blood from a sugar cube." Songs like "The Evil that Men Do" and "A House is Not a Motel" were contained on their first album, *Ride the Tiger*, though they are better known for an album containing such lyrics as "me with nothing to say, and you in your autumn sweater," and the song "Stockholm Syndrome," entitled *I Can Hear the Heart Beating as One*. Also well-known is *And Then Nothing Turned itself Inside Out* and a recent album, *I Am Not Afraid of You And I Will Beat Your Ass*. Named after Elio Chacon's cry of "I got it," for ten points, identify this Hoboken-based indie band comprising James McNew, Georgia Hubley, and Ira Kaplan.

Answer: Yo La Tengo

14. In this work's dedication, the author asks whether the voice of the dark muse will reach the ear of the reader, and its first section begins by describing the beauty of one of the main character's daughter Maria, noting that no woman in the title location is her equal. Its second "song" is in the form of a verse drama, and includes a conversation between Maria and a Cossack chieftain, while the opening of this work is dedicated to describing the riches of Kochubey, a chieftain of the titular place. More famously, this work ends by describing a blind Ukrainian singer telling the story of a "sinful woman" to Cossack girls, and the departure of Mazepa and Charles following their defeat at the titular battle. For ten points, identify this 1829 poem by Alexander Pushkin, commemorating the victory of Peter the Great over the Swedes in 1709.

Answer: Poltava

15. This man is referenced twice in the songs of Frank Black, once in a song whose title is his name preceded by the word "Ole!" and once again in a song about his greatest failure off of *Dog in the Sand*. This man's most important work was made possible by his collaboration with Fred Eaton, and his actions sparked a so-called war during which Friend Richardson refused to dispatch the state militia. That "war" was fought over the Owens Valley, and this man is even more famous for a disaster which resulted in the destruction of Santa Paula only hours after he himself had inspected a structure built in the San Francisquito canyon, the St. Francis dam. Infamous for also damming the Owens Lake in order to divert water to the San Fernando Valley, actions which were the basis for the movie *Chinatown*, for ten points, identify this Irish-born engineer who supervised the construction of the Los Angeles Aqueduct and who is immortalized in the name of a street which gives its name to a David Lynch film.

Answer: William Mulholland

16. At one point in this opera, the main female character sings the canticle "Let us sing of our Lord risen victorious," and a dramatic dialogue between the male and female leads is interrupted by a song about the "King of Roses." A women's chorus sings that the air is sweet with the blossoms of oranges in the opening act of this opera, which also includes a song about the good life of a teamster which contains the chorus "Il cavallo scalpita." After discovering the the main male character has betrayed her with Lola, Santuzza sings "Beat me, insult me, I still love and forgive you," but nonetheless, Alfio challenges that male character to a duel, which is accepted with the ritual biting of the ear. Ending with a woman's cry "The have murdered the neighbor Turridu," for ten points, identify this opera set in sicily and based on a story by Giovanni Verga, the most famous of Pietro Mascagni.

Answer: Cavalleria Rusticana or Rustic Chivalry

17. Daniel Dobbins directed the initial construction prior to this engagement, but was later replaced by Noah Brown, who was hired by Isaac Chauncey. In order to enter the engagement, one side had to transport vessels from Black Rock to Presque Isle and then float them over the harbor bar into deep water. The losing side had failed to complete the *Detroit* prior to this battle, before which Henry Procter led an unsuccessful attack on Fort Stephenson. Lasting more than three hours, It saw the defeate of a fleet commanded by Robert Barclay, and during this battle, American forces suffered only 41 casualties but lost their flagship, the *Lawrence*. Resulting in a famous dispatch that mentioned "two ships, two brigs, one schooner, and one

sloop,” for ten points, what was this naval battle of the War of 1812, in which Oliver Hazard Perry took control of its namesake location and wrote to William Henry Harrison, “we have met the enemy, and they are ours.”?

Answer: Battle of **Lake Erie**

18. At the start of its second section, the author conceives of doubt as “causing an irritation which needs to be appeased,” and provides the example of two identical shapes constructed through different arrangements of points. This work also includes a discussion of the difference between Catholic and Protestant conceptions of transubstantiation, which concludes that it is foolish to disagree about its elements if the effects are identical. Early on in this work, the author accuses logicians of “slumbering through ages of intellectual activity” and claims that Descartes never recognized the difference between those concepts that possess the title property and those that only seem to possess it, and its last section concludes that it is not unphilosophical to say that scientific investigation would not yield a solution to any answer if carried far enough. Beginning by outlining the difference between distinct and confused perceptions, for ten points, identify this essay by Charles Pierce whose title instructs the reader on the proper formulation of thoughts.

Answer: **How to Make Our Ideas Clear**

19. This work’s second part, published seven years after this work’s release, concerns the “return” of the title character, and Gerhardt von Goll offers to stage a movie version of this work in *Gravity’s Rainbow*. After escaping from a unit of conscripts and finding his home destroyed, the title character, perhaps imitating Chris Frankel, kills a Negro, and joins forces with a man who eventually gives his life to nurse an Indian chief through a smallpox epidemic. Upon returning home, the title character discovers that both his wife and the judge who had condemned him to the army are dead, and he is reunited with his sons, who have also been cheated by the government. Again, like Chris Frankel, the title character, with his two sons and Cruz’s son Picardia, is saved from the aforementioned Negro’s brother, but not before the two engage in a *payada* contest. Ending with the title character’s retirement and a change of name, for ten points, identify this most famous example of gaucho literature, written by Jose Hernandez.

Answer: The Gaucho **Martin Fierro**

20. A dissent from the majority opinion in this case authored by Justice Johnson claimed that the decision in this case should hinge on a “just view of the State of the Indian nations.” Among the findings in this case, the decision of which was predicated on Article I, Section 10, was that the proclamation of George III in 1763 had not altered the boundaries of the state in question. The legislation that gave rise to this case was struck down, with the majority holding that while corruption was unfortunate, the Court did not have jurisdiction to look into the motives of legislators. The Court further held unanimously that “Georgia cannot be viewed as a... sovereign power,” and that the contract clause made no distinction between private and public contracts. Marking the first time the Court had ruled a state law unconstitutional, FTP, name this 1810 Supreme Court case, in which a law rescinding grants of land along the Yazoo river was invalidated as an *ex post facto* law.

Answer: **Fletcher** v. Peck