

Benedictas Mikulis Memorial Singles

Round 6

Jerry Vinokurov

November 10, 2006

1. One of this artist's pieces depicts a child holding a toy hand grenade, and this artist briefly studied under Berenice Abbot. Encouragement by Lisette Model prompted this artist to abandon commercial work and focusing on art, resulting in *Esquire's* publication of her work contrasting the rich and the poor of New York City. She received several Guggenheim Fellowships that funded her work on a project entitled "American Rites, Manners, and Customs," which saw her develop her technique of using a square format and using flash lighting, which served to emphasize her subjects rather than the compositions. The younger sister of poet Howard Nemerov, for ten points, identify this American photographer, best known for her work on marginalized groups such as nudists, dwarfs, transvestites, and the handicapped.

Answer: Diane **Arbus** (accept **Nemerov** before mention)

2. The problem of whether they are sufficiently representative below a given star-height was addressed by Kosaburo Hashiguchi. In Tcl, they are joined by the pipe operator, and in perl, they are built from character classes with backreference and grouping. In Chomsky's hierarchy, they fall below context-free grammars, and the most important operation on them is the Kleene star. Built into lex and awk, they are quantified by symbols like question mark, which denotes zero or one of the previous character, and plus, which indicates at least one of the previous character. Accepting the set of languages defined by finite state automata, FTP name these pattern-matching strings.

Answer: **regular expressions**

3. A European add-on entitled *Night of the Raven* for the second game in this series was released in 2003. This series' first game was criticized for its relatively poor graphics and featured such locations as Old Camp, New Camp, and Swamp Camp, all of which are encountered in the process of attempting to destroy The Sleeper. This series' main character was resurrected in the second game by the wizard Xardas, one of the mages who had created the magical barrier present in the first game, and features a battle on Isgaroth against an undead dragon, after which the nameless hero leaves for a new continent with his friends, including Diego and Milten. That new continent is the setting for this series' third installment, which begins with orcs overrunning Myrtana, and will soon be released in the United States by JoWood, though pirated copies are already widespread. Developed by Pyrhana Bytes, for ten points, identify this series of live-action role playing games whose name does not refer to a literary genre exemplified by *The Castle of Otronto*.

Answer: **Gothic** (accept **Gothic II** before "series")

4. One explanation proposed for this effect is a zero-temperature random-field Ising model, which is successful because it explains both the cutoff and the power-law statistics observed in this effect. One proposed utilization of this effect is in return-point memory, which can be seen in the Preisach plane, while other applications of this effect are in the analysis of surface stress and structural integrity. In hysteretic materials, a bias current is often applied to remove the noise resulting from this effect, Resulting from the discrete change in size or orientation of magnetic domains, for ten points, identify this example of self-organized criticality in

ferromagnetic systems which is responsible for the popping static on audio tapes.

Answer: **Barkhausen** effect

5. This play's first act features a remark by a soldier that the titular character will bribe his company to march through the title location, which is reached just after Chispa finishes singing her a marching song. A ruse centered around a staged fight serves to admit Rebolledo into the presence of a beautiful woman who is coveted by another soldier, while later on, Don Mendo becomes involved in an ambush staged during a serenade. During the course of this play, Isabel hides in the attic, but she is eventually kidnapped and raped by a captain serving under Don Lope de Figueroa, before her father, the title official, places that captain under arrest for refusing to marry his daughter. Ending with the strangulation of Don Alvaro and the promotion of Crespo to the titular position by King Philip, for ten points, identify this play about a village official by Pedro Calderon de la Barca.

Answer: The **Mayor of Zalamea** or El **Alcalde de Zalamea**

6. This work is typically divided into three sections, the first of which is named after the title character, and the other two bearing the names of his son and grandson, Semetei and Seitek, and that title character is described as being born with a clot of blood in his right hand. The title character, nicknamed the Big Fool, is given by Jakip to the shepherd Oshpur, in whose care he is raised until he starts slaughtering sheep to feed his band of warriors, and his first heroic deed is to kill Kochku of the Kalmyks. Other heroics attributed to this man is the defeat of 10,000 warriors led by Joloy and Dongo and sent by Esenkan, and his story is typically told by reciters known as *manaschi*, one of whom, Sagymbai Orozbekov, committed his story to writing, though the most complete version is probably that of Sayakbai Karalaev. Named for a unifier who led forty tribes to the Altai region, for ten points, identify this longest example of its genre in the world, the national epic of *Kyrgyzstan*

Answer: **Manas**

7. Its main action resulted in the negotiation of an armistice with Jean-Francois Darlan and the scuttling of warships at Toulon. The flagship of one of its branches was to be the *USS Augusta* under the command of Henry Hewitt and Port Lyautey was one of its first targets, while another incident during it was the gun battle between the *USS Massachusetts* and the *Jean-Bart*. The order to "play ball" on November 8 signaled the beginning of this action, which was navally supported by Admiral Sir Andrew Cunningham and included as its goals the establishment of mutually supported footholds between Oran and Tunisia on the Mediterranean. Although it failed to take Tunis after it was reinforced by General Nehring, it nevertheless ended with the Allied capture of Oran, Algiers, and Casablanca. Comprising operations Blackstone, Brushwood, and Goalpost, for ten points, identify this Anglo-American amphibious operation, designed to break Axis control over Northern Africa and the largest amphibious landing prior to D-Day.

Answer: Operation **Torch**

8. This group's first album contained three skits as well as a song entitled "Hold Down the Fort," and a common theme in two of its better known songs is that there's no such thing as halfway crooks. Their 2005 signing with 50-cent's G-Unit records has led to accusations of selling out and shortly afterwards, this group released an album containing the single "Have a Party," *Blood Money*. This group was also the target of Jay-Z's song "Takeover," in which he accused one of its members of taking ballet lessons, an attack referenced by 50-cent on the song "Piggy Bank." More famous is an album which contains a song dedicated to "my man Killa B" called "Survival of the Fittest," as well as a song in which one of this group's members refers to them as the "official Queensbridge murderers," while another claims that "for every rhyme I write it's 25 to life." Best known for such songs as "Shook Ones Part II," from the album *The Infamous*, for ten points, identify this New York rap duo consisting of Albert Johnson and Kejuan Muchita, better known as Prodigy and Havoc.

Answer: Mobb Deep

9. The preface to the first part of this work suggests that it will treat the titular entity "in the abstract" and that first part begins with an exhortation to "my dear St. John" to awake. That first section includes a remark about an Indian whose "untutored mind" sees God everywhere, while the second section sets forth two principles, "self-love to urge and reason to restrain." Another part of this work briefly mentions a "pampered goose" who points out the title entity for his use, while the last section is dedicated to the "nature and state" of the titular entity "with respect to Happiness" and admonishes that entity to "Remember... the Universal Cause/ Acts not by partial but by general laws." The preface to this work is entitled *The Design* and states its goal as the formation of a "temperate yet not inconsistent... system of Ethics." Divided into four epistles, for ten points, identify this philosophical poem by Alexander Pope which states that "the proper study of Mankind" is itself.

Answer: Essay on Man

10. The dowry promised by this agreement was never delivered, and its clauses relating to the renunciation of imperial possessions were ignored in the run-up to a war that erupted eight years after its signing. By the terms of this agreement, England retained Dunkirk, taken during the previous year, and the Prince of Conde was fully reinstated despite the fact that he had sided with the losing side in the war ended by this treaty. The victorious party acquired parts of Roussillon and towns in Artois and Flanders, among others, by the terms of this treaty, negotiated on one side by Luis Mendez de Haro. This agreement was signed following the victory of the Viscount de Turenne and William Lockhart over the forces of Don Juan the Younger of Austria and Louis II de Bourbon, Prince de Conde, at the Battle of the Dunes, and included a clause stipulating the marriage of Maria-Therese of Austria to Louis XIV. Signed in 1659 on the Isle of Pheasants, for ten points, identify this agreement which ended the Franco-Spanish war and is named for the mountain chain separating the two countries.

Answer: the Peace (or Treaty) of the Pyrenees

11. It can be approximately accurately using the subtraction method along with energies calculated from density functional or Hartee-Fock theory, while Koopmans' s theorem is a naive approximation for it that states it to be equal to the energy of the highest occupied molecular orbital. It follows an increasing trend across periods on the periodic table, but a decreasing trend going down elements in a group, as it is inversely correlated with atomic radius. The first value of it for helium is nearly double that of hydrogen, but that of lithium is much less than either Electron affinity and this quantity are averaged in the Mulliken scale to calculate electronegativities. by For ten points, name this quantity which is the energy necessary to remove an electron from an atom.

Answer: ionization potential or energy

12. After leaving the train station at the end of this novel, the main character, perhaps inspired by Jason Keller, meditates on the double nature of homosexuals. In the first chapter of this work, the main character wonders if he is really a wanted criminal, since no one has reported his crime, and experiences a hair-washing during which he tells an attendant that she has a lovely voice. The main character's crime is the theft of a handbag containing a substantial amount of money, which Miyako Mizuki's "own blood" had "flowed into" and which she is hiding from her husband Arita, while the character himself is a schoolteacher, dismissed from his post following an affair with his student Hisako. Like Andy Goss, the main character spends most of this work lusting after and stalking various women and recollecting his love for his cousin Yayoi. For ten points, identify this novel about the homeless Gempei written by Yasunari Kawabata, whose title references a body of water.

Answer: The Lake (not sure what the original Japanese title is)

13. One piece of this work, discovered in the 16th century, now rests in the Louvre, and this object includes drain holes to facilitate its primary function. Its west entrance depicts on the south side the sacrifice of a sow, and this building itself is similar in structure to a building with a similar function in erector earlier in Pergamum, though the actual object which gives this structure its name is no longer extant. The man who commissioned this work, which includes the famous Tellus frieze, recounted its approval during the consulship of Tiberius Nero and Publius Quinctilius in his *Res Gestae*, while Ovid recounted its consecration in Book I of his *Fasti*. Erected on the Campus Martius, or the Field of War, for ten points, identify this Roman monument complete in 9 B.C.E. whose frieze depicts an imperial procession led by Augustus.

Answer: **Ara Pacis** or the **Altar of Peace** (the drain holes are for draining blood during the sacrifices; also, the altar itself is lost, all that remains is the building, if people ask)

14. In a section entitled "The Aesthetic Dimension," the author of this work claims that "sensuousness generates universally valid principles for an objective order," which is defined by the categories "purposiveness without purpose" and "lawfulness without law." The section of this work which traces "the origin of the repressed individual" introduces the concept of the "performance principle," which is taken to be the "prevailing historical form of the reality principle." This work opens with the statement that "the concept of man that emerges from Freudian theory is the most irrefutable indictment" of the Western variety of one of its title subjects, while the other titular subject is described as what sexuality grows into under non-repressive conditions. Closing with a "critique of neo-Freudian revisionism," including that of Karen Horney, for ten points, identify this work whose first title subject is contrasted with Thanatos, a philosophical critique of psychoanalysis written by Herbert Marcuse.

Answer: **Eros and Civilization**

15. This phrase titles an August 16, 1948 "Observer" article by Immanuel Velikovsky, better known for his *Worlds in Collision*. This five-word phrase also gives its title to a novel whose two sections are linked together through the Parchman State Prison, which floods in the second section, while that novel's first section tells the story of the love between Harry and Charlotte, upon whom Harry eventually performs an abortion. This phrase also begins and titles a poem by Yehuda Amichai, which ends with the narrator predicting that his voice will change "for the second and last time to the most terrible of voices - of silence," but it is more famously used in a biblical passage which begins "By the rivers of Babylon, there we sat down," and asks "How can we sing Yahweh's song in a foreign land?" For ten points, identify this five-word phrase which titles a Faulkner novel that consists of *The Wild Palms* and *Old Man*, and which in Psalm 137 stipulates the conditions under which "let my right hand forget its skill, let my tongue stick to the roof of my mouth."

Answer: **If I Forget Thee, Jerusalem**

16. In a section devoted to a discussion of "the primitive and the technical" this work's author states that he does not believe in historical determinism, and in a footnote references his own essay, "Biology and Pedagogy," from *The Spectator*. This work criticizes Waldo Frank's *The Rediscovery of America* in a section entitled "Who Rules in the World?" which also contends that the "European has discovered that to be English, German, or French is to be provincial." This work also contends that since the time of the Antonine emperors society has been enslaved in the service of the State, and cites Hegel's prediction of the coming catastrophe due to the advance of the titular group. Noting that "the world which surrounds the new man... does not compel him to limit himself in any fashion," the author accuses the title group of negating morality in this work's final section. For ten points, identify this work about the ascension to power of the title group, written by Jose Ortega y Gasset.

Answer: **Revolt of the Masses** or La **rebelion de las masas**

17. This location is particularly interesting because the use of soft lime-rich mud plaster to cover the walls

and floors resulted in a recording of human activity inside the living spaces similar to that of tree rings. One recurrent motif in the decoration of this place is the images of leopards, and its houses were more elaborate in their decorations than the slightly older settlement of Asikli. About 15 acres in area, this site contained houses built from sun-dried bricks with rectangular rooms accessible only from the roof, and its population is thought to have been at one point as large as 10,000. This site is also the location of the earliest known evidence for religious beliefs, as well as the site of the earliest known example of pottery, dating to about 7000 B.C.E. Excavated by James Mellaart and containing buildings dated to between 6700 to 5600 B.C.E., for ten points, identify this Neolithic site located south of Konya in modern-day Turkey.

Answer: Catal Huyuk

18. He averaged 16.2 points and 12.7 rebounds per game, good enough to earn a spot on the All Star team and the 2nd All-Defense team. When his career ended in 1988, he had averaged 9.2 points while playing for the Los Angeles Lakers, Boston Celtics, then-San Diego Clippers, Portland Trail Blazers and Golden State Warriors. It's a single on-court incident from December 9th, 1977, that he's known for. A fight broke out between his teammate Kareem Abdul-Jabbar and Houston Rocket Kevin Kunnert, which this person joined into. Sensing someone running towards him from behind, he turned around and instinctively swung at that person. Name this basketball player who became a pariah in the basketball world for nearly killing Rudy Tomjanovich with a vicious punch.

Answer: Kermit Washington

19. One leaf of a pair treated with these will make the other leaf turn yellow. They cause light-requiring seeds to germinate in constant darkness and inhibit stem elongation. Along with Carlos Miller at Wisconsin, Folke Skoog discovered them by adding old herring sperm DNA to carrot root and naming the growth promoting factor kinetin. Delaying senescence of leaves and promoting lateral bud development, they include the natural isopentenyl adenine and zeatin. FTP name these plant hormones produced in the root that do for cell division what auxin does for cell expansion.

Answer: cyokinins; prompt on kinetin and zeatin before each is mentioned

20. Notorious for refusing promotions to a higher rank, this man distinguished himself at the Battle of Hohenlinden under Victor Moreau, and was later involved in commuting Moreau's sentence for treason to banishment. His victory at Elchingen led him to be named duke of the same place, but his later career saw him lose to Charlex XIV John of Sweden at Dennewitz and then again to the Prince of Orange at Quatre Bras. He was also wounded at Leipzig and forced the crossing of the Berezina, as well as covering the Grand Armee's retreat from Moscow, of which he had been proclaimed "prince" following his performance at Borodino. His uncooperative nature saw him recalled from Spain in 1811, and he refused to recognize the tribunal that condemned him to execution in the Luxembourg Gardens. Best known for commanding divisions at Jena, Eylau, and Friedland, and leading the left wing of the French army at Waterloo, for ten points, identify this Napoleonic marshal, referred to by Napoleon as "the bravest of the brave."

Answer: Michel Ney