

SOB Singles Tournament Playoff Round 5 (Tossups by Paul Litvak, Ben Heller, Ryan McClarren, Mark Calaguas)

1. The poem begins and ends with variations on the mottos of the Jesuit order, and its form is a "curtal sonnet." The poem maintains a symmetry, beginning by praising God, and then his creations, followed by a description of things in the world moving towards an affirmation of God. Among its images are a "firecoal chestnut" and "finches wings," while the properties of the universe include, "fickle", "freckled" and "swift." FTP, identify this poem that praises the aesthetic value of things, by Gerard Manley Hopkins.

Answer: "Pied Beauty"

2. His negotiation of a marriage between the king and a Spanish princess was seen as too favorable to the Catholics, and the deal fell through when Spanish assistance in the Palatinate was not forthcoming. Later he was unable to drive Parliament into a declaration of war with Spain and was impeached in May 1626. He led a failed expedition to relieve Rochelle. Finally assassinated by Felton in August 1629, this is, for 10 points, what advisor to Charles I who shares his name with a London Residence of the Queen.

Answer: George Villiers 1st Duke of Buckingham

3. After starting to study anthropology at Cambridge, in 1923 he suffered from a mysterious rugby accident that precluded his study, and he went to Africa to manage an expedition. Embroiled in a controversy surrounding his claims that the earliest human fossils were at Kanam and Kanjera, his destroyed reputation left him with nothing to do but study the Kukuuyu tribe, of whom he became a member. FTP, identify this anthropologist credited with discovering homo habilis, that patriarch of a family that studied Olduvai Gorge.

Answer: Louis Leakey

4. The Irtysh River is its major tributary from its source in China's sector of the Altai Mountains. Formed by the junction of the Biya and Katun rivers in the foothills of the Siberian sector of the Altai, it empties into its namesake gulf which stretches for 500 miles and forms the major tributary of the Kara Sea. For 10 points, name this major river of Siberia.

Answer: Ob River

5. Like many algorithms, it has a running time of $O(n \log n)$ in the average case, but, contrary to the quick sort, its worst case run time is also $O(n \log n)$. This is counterintuitive since building the data structure it uses increases the number of inversions in the array. It works by percolating a nodes up and down a tree which takes $\log n$ time. The data structure has the property that each parent has a greater value than its children. FTP, identify this kind of sort, named after this type of binary tree.

Answer: heapsort

6. In 1936 he was in Paris organizing recruitment for the International Brigades in Spain. He led partisans in cooperation with the royalist Mihailovich but they split over long-term goals. He made a move on Trieste and took Carinthia, but was forced to give up conquests of Axis territory to the Allies. He tied down 21 German divisions with his siege of Zagreb, and had good success in his guerilla war in Montenegro and the Dalmatian Coast. For 10 points, name this Yugoslavian resistance leader and head of state, born Josip Broz.

Answer: Marshall Tito (obviously accept Josip Broz on an early buzz)

7. Most of the love affairs in his writing derive from his one great love, the singer Pauline Viardot. His early poetic works were imitative of Byron, including Steno, and Parasha, while his play A Poor Gentlemen was written in the style of Gogol. His early novels were detailed character studies, like Yakov Pasynkov, while Lavretsky the hero of his second novel, Home of the Gentry, suffers from unrequited love. He wrote of the conflict between altruism and selfishness in the famous essay, "Hamlet and Don Quixote," but is known more for his studies of nihilists. FTP, identify this author of Rudin and Fathers and Sons.

Answer: Ivan Turgenev

8. Chapter four of the first book concerns the origins of money, citing Homer for evidence., while chapter nine discusses the origins for the price of stock, a theme extended in book two. The work advances the labor theory of value, that the worth of a good is based on the energy and time it took to produce it. Comprised of five books, titles include, "Systems of Political Economy" and "Improvement in Productive Powers of Labour." FTP, identify this classic work arguing for the "Invisible hand" of laissez faire economics, written by Adam Smith.

Answer: An Inquiry Into The Nature And Causes Of The Wealth Of Nations.

9. This son of a textile factory manager, died from self-starvation due to a mental illness in 1978. His most important work was published in "Math and Physics Monthly" in 1931. In it he showed that the work of Russell and Whitehead was not completely without antimony. FTP name this man who showed that no formal logic system can ever be complete.

Answer: Kurt Gödel

10. Her name comes from the word meaning "exalted" and her devotees came from a priestly class of poets called the filid. While she was the patroness of arcane learning, the two sisters which she shared the same name as were associated with craftsmanship and healing. Her cows could provide enough milk to fill a lake and when after she was appropriated by the Christians, it was said that one measure of her malt could yield enough ale for all her churches. Her feast day is Imbolc, which occurs on February 1 and is associated with the lactation of ewes. FTP, name this Celtic goddess also known as St. Bride of Kildare.

Answer: St. Brigid

11. He claimed this his quartets like *The Joke* and *The Bird* were written "in a quite new and special manner." His opera *l'anima del filosofo* was not performed until 1951 when it was produced as *Orfeo ed Euridice*. He also wrote marionette operas like *Philemon und Baucis*, *Hexen-Schabbas*, and *Die Feuerbrunst*. Also well known for oratorios like *Il ritorno di Tobia* and masses like *Missa brevis*, he is perhaps best known for *The Seasons* and *The Creation*. For 10 points, name this composer of about 10,000 symphonies like *Military*, *Maria Theresa*, *Clock*, and *Hen*.

Answer: Joseph Haydn

12. They declined under the hostile dynasties of the Isin and Larsa. Their military formations are pictured on the Stela of the Vultures of Eannatum. This empire was divided into city-states ruled by ishaks. Their triumvirate of gods included Ea, the god of the waters; Anu, god of the sky; and Enlil, the god of the earth and sky as well as the god of Nippur. For 10 points, name this Mesopotamian civilization whose greatest city was Ur and who developed cuneiform writing.

Answer: Sumerians

13. Strongly pyramidal, the posture of the figures is mimicked by the background scenery through which a fog is emerging. Showing John worshipping the infant Christ, the group of four sits among plants at the edge of the water, highlighted by the dark basalt backdrop. For 10 points, name this 1485 painting that shows Mary presiding from above over two infants and another woman dressed in red in a grotto, a Da Vinci work named for the geologic features of the background.

Answer: The Virgin of the Rocks (Madonna of the Rock)

14. Symptomatically similar to Hartnup disease, the skin lesions it causes are the earliest symptoms and resemble severe sunburn. In later stages it can cause nervousness and even delirium. Milk and eggs can prevent it because they contain typtophan, which can enable the production of the vitamin that thwarts it. FTP name this disease that is characteristic of a niacin deficiency.

Answer: Pelagra

15. Comic relief in the play is provided by the dog Crab, who is poorly controlled by his master, the servant Launce. Lucetta is also a servant who espouses a practical view on love. Sir Eglamour aids in a daring palace escape, but he flees at the sight of the gentlemen outlaws, who are ruled by one of the title characters. In the end, the marriage proposal of Thurio is rebuffed, and Sebastian is unmasked as Julia, who along with Silvia, the daughter of the Duke of Milan, marry the right men. FTP, identify this play about Valentine and Proteus, written by William Shakespeare

Answer: Two Gentlemen of Verona

16. Ascending the Nails of Lukifell, the protagonist arrives at The Place of Red Execution and fatally wounds Bloody Malth, a warrior who had once beat his father in a duel. Forced into this expedition by Foster, an auxiliary member of the CIA, he pursues the shadowy Guardia de Mieux through a South American fortress where he slays the twin beast Kelbeross before meeting Malth. Later the elusive father Ken attacks his son while under supernatural influence and a battle with a giant demon comprises the climax. FTP, name this 1989 Tecmo videogame that chronicles the adventures of martial artist Ryu Hayabusa.

Answer: Ninja Gaiden

17. He is credited with having foreseen the practical possibilities of telescope, and glasses, and he is the first to in Europe to synthesize gunpowder. A work by Robert Greene, pairing him with Friar Bungay, advances the legend that he was in league with the devil. When he died, he was working on the massive Communia Naturalium, a compendium of the sciences, and he had already finished three works which advanced the cause of science in a Christian framework. FTP, identify this Englishman, author of three opuses, also called Doctor Mirabilis.

Answer: Roger Bacon

18. In the cumene hydroperoxide process it is made with phenol. Due to its ability to dissolve cellose compounds it is used in the production of artificial fibres. It can also be produced from the dehydrogenation of isopropyl alcohol. Also called dimethyl ketone this solvent, FTP name this chemical formerly used in nail polish removers.

Answer: Acetone

19. Their black standard flew over Kahtaba who won victories at Nehawand, Kerbela, Nishapur, and Jurjan where Nasr, governor of Khorasan was defeated. Armies led by Abu Muslim proved victorious in the east destroying the forces of Marwan II and a succession was established that would last from the battle of the Zab until the Mongol conquest resulted in the death of al-Mustasir. For 10 points, name this dynasty of caliphs who ruled after the Umayyads.

Answer: Abbasids

20. She published story stories like "The Birds Poised to Fly" and "The Empty Birdhouse" in the magazine Ellery Queen, and those stories were later collected in Eleven. Other collections of short stories include Mermaids on the Golf Course and Little Tales of Mahogany. Her frank discussion of homosexuality was controversial, though Small G: A Summer Idyll, about mixed up lovers in Zurich, and The Price of Salt, written under the name of Clare Morgan, were extremely popular. FTP, identify this suspense writer, famous for writing Strangers on a Train, as well as a series of novels about Tom Ripley.

Answer: Patricia Highsmith