

1. This man included an “elegy” movement in his work *The Cotswold Symphony*. He included a wordless female chorus and represented Death with a bass in his chamber opera *Savitri*. A timpani finale titled “In the Streets of the Ouled Nails” are part of his E-minor suite *Beni Mora*. This composer taught at the St. Paul’s Girls’ School and wrote a work that adds two three-part women choruses in an adjoining room for the movement “Neptune, the Mystic.” For ten points, what English composer wrote the orchestral suite *The Planets*?

Answer = Gustav Holst

2. In this work, behind a character’s brow are the “flashing thrust and parry of the dialogue between Frederick and Voltaire on the theme of war.” This novel’s protagonist weaves a tapestry called Maia and creates the narrative *The Abject* before advising Critobulus to “take a year’s leave.” *The Grand Hotel des Bains* is a setting during this novella that sees a character eat overripe strawberries before watching the Polish boy Tadzio on the beach. Gustav von Aschenbach is the protagonist of, for ten points, what novella by Thomas Mann?

Answer = Death in Venice

3. This quantity minus 1 divided by density is equal to the Gladstone-Dale constant. In the Sellmeier equation, this quantity is squared and multiplied by the wavelength. The Abraham-Minkowski controversy involves whether this quantity should be in the numerator or the denominator of the equation for photon momentum. This quantity is multiplied with angles of incidence in Snell’s law and is equal to 1 for a vacuum. For ten points, name this dimensionless number defined as the speed of light divided by the phase velocity of light in a medium.

Answer = Refractive Index (accept Index of Refraction, prompt on “n”)

4. Hazel Grace wears a t-shirt featuring one work by this painter in John Green’s *The Fault in Our Stars*. A black ball merges into the landscape of a beach in this artist’s painting *The Human Condition*. A large egg is depicted inside a cage balancing on scales in this author’s painting *Elective Affinities*. An Edgar Allan Poe novel about Arthur Gordon Pym is seen in front of a mirror next to a double-imaged man in *Not To Be Reproduced*, a work by this artist. For ten points, name this Surrealist artist of “The Son of Man.”

Answer = René Francois Ghislain Magritte

5. Intaphernes was one of the six noblemen who installed this ruler as monarch. This man’s son Ariabignes was killed at the Battle of Salamis. This man created the Royal Road, a system which used the Angarium to send messages. This ruler built the Palace of Tachara and defeated the Iranian Scythians. The Behistun inscription was carved during this ruler’s reign, and he suppressed the Ionian Revolt.

This ruler fought Miltiades at the Battle of Marathon. The third Persian-Achaemenid “King of Kings” was, for ten points, what ruler who succeeded Xerxes I?

Answer = Darius I (prompt on Darius, accept Darius the Great)

6. In this play, Willie Oban says that a “little ditty” was composed in a “wanton moment by the Dean of the Divinity School” while “sobering up in a Turkish bath.” Ed Mosher is described as having a “round kewpie’s face” in this play. A man describes a drink as “cyanide cut with carbolic acid” while talking to Don Parritt, who jumps off a fire escape, in this play. Larry Slade is an anarchist and “Hickey” convinces others to give up their “pipe dreams” in, for ten points, what play that takes place in Harry Hope’s Saloon?

Answer = The Iceman Cometh

7. This battle was known as “the battle at the hoary apple tree” when it occurred, and its victor established the Battle Abbey following it. A report of this battle were written by the Italian monk Amatus of Montecassino. The Honor of Richmond was granted to a Breton nobleman after this battle named Alan the Red. During this battle, Eustace II of Bologne was on a side that was trapped in an “Evil Ditch” known as the Malfosse. For ten points, name this battle that succeeded the Battle of Stamford Bridge and was chronicled by the Bayeux Tapestry.

Answer = Battle of Hastings

8. This molecule was isolated by hydrolysis of yeast nuclein when it was discovered by Italian scientist Robert Behrend in 1900. When fluorine reacts with this compound, an antimetabolite that acts as a suicide inhibitor for thymidylate synthase is produced. This compound is methylated in order to produce thymine. This molecule has the formula  $C_4H_4N_2O_2$ . Two hydrogen bonds connect this pyrimidine and its base pair, adenine, and it’s only found in RNA. For ten points, name this molecule that is symbolized with the letter “U.”

Answer = Uracil

9. Chavel offers his entire wealth to any man willing to die in his place in one work by this author. Communist leader Kurtz orders Oliver Chant to Germany in another novel by this author of *The Tenth Man* and *The Name of Action*. This author wrote a work in which the Viet Minh attack the CIA agent Alden Pyle and the journalist Thomas Fowler. The “whisky priest” tries to escape The Lieutenant in Tabasco, Mexico in a novel by this author. For ten points, name this British author of *The Quiet American* and *The Power and the Glory*.

Answer = Graham Greene

10. One man with this surname served as the chief foreign policy officer to Thomas E. Dewey, while another was involved in secret negotiations to get Germans in

**Northern Italy under Karl Wolff to surrender; those negotiations were called “Operation Sunrise.” The period of “Pactomania” occurred after treaties like NATO were facilitated by one man with this surname, who also oversaw the Bay of Pigs invasion. For ten points, what is this surname of a long-term CIA director and Dwight Eisenhower’s Secretary of State?**

Answer = John Foster Dulles or Allen Dulles

**11. A period of “Sidonismo” occurred in this country following its October 1910 revolution, and in 1911, Pope Pius X promulgated his *iamdudum* statement criticizing this country. This country held the colony of East Timor. The National Salvation Junta held power during the “Ongoing Revolutionary Process”, while Marcello Caetano led a revolution in this country before being ousted in the 1974 Carnation Revolution. For ten points, name this country that held the colonies of Goa and Macau, home to the “Estado Novo” regime of Antonio Salazar.**

Answer = Portugal

**12. One form of this technique can be used to identify the free-swimming stage of trematodes. One form of this technique used for radiocarbon dating is known as its “accelerator” variety. In the aerosol form of this technique, a laser is fired to individual droplets. Sinapinic acid is commonly used in this technique. The time-of-flight and quadrupole analyzers may be used in this technique during which substances are ionized. For ten points, name this technique that uses a spectrum to depict the mass-to-charge ratio of ions.**

Answer = Mass Spectrometry (prompt on spectrometry alone)

**13. A “Vivo” variation features this instrument following an F Minor movement in blues in Igor Stravinsky’s *Ebony Concerto*. Claude Debussy’s “Premiere Rhapsodie” is scored for piano and this instrument, and Leonard Bernstein’s *Prelude, Fugue, and Riffs* has a solo for this instrument in the third movement. Anton Stadler was the dedicatee of a “fast-slow-fast” concerto for this instrument by Mozart. It was famously played by Artie Shaw. For ten points, name this reed instrument also played by Benny Goodman.**

Answer = Clarinet

**14. One novel by an author from this nation sees Toloki move in with Noria after meeting her at her son Vutha’s funeral; that novel was *Ways of Dying* and was written by Zakes Mda. In another novel by an author from this nation, Blanche serves in the Marian Order. An intellectual discussion on “A Man of Magnitude” takes place in a play from this nation in which Sam and Willie practice ballroom steps. The author of *Elizabeth Costello* was from, for ten points, what home of Athol Fugard and J.M. Coetzee?**

Answer = Republic of South Africa

**15. This city's mayor is of Tujia ethnicity and was formerly a Communist Party Secretary of Huangshi. The 2019 Military World Games were hosted in this city. This city endured protests in July 2019 against plans for a new incinerator in its Xinzhou District. This city's Huanan Seafood Wholesale Market sells live bats and other animals that were responsible for a disease requiring a three-month lockdown in this city in 2020. For ten points, name this city in Hubei province where the 2019 coronavirus pandemic began.**

Answer = Wuhan

**16. This god lied to Tiger that he could see lice in his hair in order to tie him to a fruit-tree; later, a hunter saw Tiger by the tree and killed him. This god fought with Cockroach after cutting down coconuts in Cockroach's yard. This god tried to capture the four most dangerous creatures in the world, which included Mmoatia the Fairy and Onini the Python. Ntikuma laughed at this god as he tried to hoard all the world's wisdom, and he received all the world's stories from Nyame. For ten points, name this Ashanti trickster god who commonly takes the form of a spider.**

Answer = Anansi (prompt on Br'er Rabbit)

**17. This philosopher included a section "Of Natural Nature" in his work "Brief Discourse of God, Man and Its Prosperity." This thinker contrasted "active" and "passive" feelings in a work also positing stages of knowledge like opinion, reason, and intuitive knowledge. This man rejected the idea that Moses comprised the first five books of the bible in his *Tractatus Theologico-Politicus*. "Of Human Bondage" is in a work "demonstrated in geometrical order" by, for ten points, what Dutch Golden Age philosopher who wrote *Ethics*?**

Answer = Baruch Spinoza

**18. This country contains the Farid Serhal Palace and the Shrine of Our Lady of the Waterfall in its town of Jezzine. This country's town of Bsharri contains its highest point, Qurnat as Sawda', and the Rue Verdun Street. This country contains the Litani hydroelectricity project and the artificial Lake Qaraoun in its Beqaa Valley. This country is known as the "Pearl of the Middle East" and is the smallest sovereign state in mainland Asia. For ten points, name this country with capital at Beirut.**

Answer = Lebanese Republic (accept Lebanon)

**19. The frame of the Glock pistol is made of a composite of this substance. The *Arthrobacter* K172 strain of bacteria is famously able to digest this substance. Paul Schlack developed the "6" version of this molecule based on caprolactam. The "Ballistic" version of this compound was used for flak jackets in the 1940s. DuPont first built this thermoplastic polymer that is built on aliphatic or**

semi-aromatic compounds. For ten points, name this polymer fiber famously used for parachutes and stockings in the 20th century.

Answer = Nylon

**20. This book discusses the example of tobacco and East India goods, rather than gold and silver, as payment in a section partially titled for the “Unreasonableness of these extraordinary Restraints upon other Principles.” This book, which discusses a “universal opulence” in a section contrasting manufacturing and agriculture, discusses the importance of division of labor via the example of a “pin factory.” Criticizing mercantilism and introducing the concept of an “invisible hand”, for ten points, name this “Inquiry”, the magnum opus of Adam Smith.**

Answer = *An Inquiry into the Nature and Causes of the Wealth of Nations*

Tiebreaker

**1. This man reported that he spent most of the time at Queen Elizabeth II’s coronation being psychoanalyzed by Princess Marie Bonaparte. The Tjibaou Cultural Centre and Arab World Institute were part of the architectural *Grands Projets* that this man initiated, and he signed the Badinter Act. The 1990 La Baule speech was given by this President, who infamously bombed the Greenpeace vessel *Rainbow Warrior*. A period known as “Cohabitation” ensued between Jacques Chirac and, for ten points, what 1981-1995 socialist President of France?**

Answer = François Mitterrand