

- 1. One receptor for this compound is inhibited by CGS-12066A and CP-94,253, and the DASB ligand binds to a transporter of this compound. This compound is yielded after a hydroxylation by a cytochrome P450 monooxygenase in a process that gets rid of ammonia in drying seeds. This compound is metabolized to 5-HIAA in the liver and it is a derivative of tryptophan. Fluoxetine and citalopram are among the SSRI antidepressants that block the reabsorption of, for ten points, what neurotransmitter that regulates mood and sleep?**

Answer = Serotonin

- 2. These figures were conceived after a severed head spat on their mother's hand. "One Howler Monkey" and "One Artisan" were the older half-brothers of these figures, who used a fake crab to bury Zipacna under a mountain and then used a bird that'd been prepared with plastic and gypsum to defeat Cabracan. Seven Macaw was also conquered by these figures, who got past Razor House and other trials to defeat the Lords of Xibalba by also using a ballgame. For ten points, what are these siblings of Mayan mythology, the central figures of the Popul Vuh?**

Answer = Mayan Hero Twins (accept Xbalanque and Hunahpu in either order)

- 3. In order for a universe without this interaction to exist, a high primordial deuterium to hydrogen ratio during the Big Bang Nucleosynthesis would have had to occurred, according to Harnik, Kribs, and Perez. A vector minus axial vector Lagrangian was proposed by Feynman and Gell-Mann for this force. Enrico Fermi first proposed this phenomenon. Above the unification energy, this force merges with electromagnetism. Mediated by the W and Z bosons, for ten points, name this fundamental force that is responsible for radioactive beta decay.**

Answer = Weak force (accept Weak interaction)

- 4. This person ordered Operation Olive Leaves, and his attempts to reduce the number of members in a certain army led to the Generals' Revolt in June 1948. This man started the construction of the National Water Carrier. This man ordered Ariel Sharon to set up Unit 101, and he brought 49,000 Yemenites to his nation during Operation Magic Carpet. This man was the first leader of the Mapai party. The Suez Crisis occurred after this man's invasion of Egypt. For ten points, name this Zionist, the first Prime Minister of Israel.**

Answer = David Ben-Gurion

- 5. A theme in this work may be based on the Jewish song *Maos Tzur*. It opens with a single tonic chord in E-flat major. Henry-Louis de la Grange called a sustained harmonium chord followed by harp arpeggios playing over a pianissimo violin melody in this work a "love theme." In this work, the tenor plays Doctor Marianus and its second part models Goethe's *Faust*. Part I of this work is based on a**

9th-century Christian hymn, “Veni, Creator Spiritus.” For ten points, name this Gustav Mahler symphony often renamed for its enormous size.

Answer = Symphony of a Thousand (accept Mahler’s Symphony No. 8 in E-flat Major; “Mahler” not needed after “Gustav Mahler” is said)

6. **This play begins with a character saying “I’ll pheeze you, in faith” after which the Hostess replies “A pair of socks, you rogue!” This play includes the servant Biondello and sees two characters agree that the sun is the moon. A man in this play instructs others to “call not me ‘honour’” or “friendship”; that man is Christopher Sly. Gremio and Tranio bid for Bianca, who is forbidden from marriage by her father Baptista Minola, in this play. For ten points, name this Shakespeare play that sees Petruchio try to subdue his wife, the title animal.**

Answer = The Taming of the Shrew

7. **One person with this surname sued Daily Mail and General Trust in February 2017 for alleging that she worked with an escort service. Another person with this surname founded the Women’s Global Development and Prosperity Initiative. This is the surname of a person who was accused of plagiarism of a 2008 speech by Michelle Obama after giving a speech at the 2016 Republican National Convention. For ten points, give this surname of a Slovenian native and her daughter, the former of whom is the 45th First Lady of the United States.**

Answer = Trump (accept any answer with that surname)

8. **This man sent a delegation to negotiate with Alexander Gorchakov of Russia during the Alvensleben Conference, and he also negotiated the Reinsurance Treaty with Russia. This man acquired the territories of Togoland and New Guinea for his nation. During one speech, this man said that “the great questions of the time will not be resolved by speeches and majority decisions”, but rather by the two title substances. The Ems Dispatch was published by, for ten points, what man who gave the “Iron and Blood” speech, the first Chancellor of Germany?**

Answer = Otto von Bismarck

9. **This city contains Mount Soledad, the location of the last home lived in by Dr. Seuss, as well as some legendary “Munchkin people.” This city contains Black Mountain and Cowles Mountain, as well as the “College Area” community. The skyscrapers Symphony Towers and the Helmut Jahn-designed One America Plaza are in this city, home to the Skip-Schumaker coached Padres. This city contains Balboa Park and borders Tijuana. For ten points, name this California city, home to a huge panda-breeding, open-air zoo.**

Answer = San Diego

**10. This thinker concluded that the Founding Fathers never betrayed the goal of *Constitutio Libertatis* and stated that Achilles embodies “action” in one work. This author of “On Revolution” examined “continental imperialism” in a work relating intellectual initiative and the gangster initiative of the mob. Martin Heidegger was the lover of this thinker, who coined the term “banality of evil” and discussed a “radical denial of freedom” in another work. For ten points, name this philosopher who wrote *The Origins of Totalitarianism* and *Eichmann in Jerusalem*.**

Answer = Hannah Arendt

**11. British forces fell into confusion during this battle after Thomas Mullins forgot to bring the ladders needed to cross the Rodriguez Canal. Fighting during this battle took place at the Chalmette Plantation of Ignace Martin de Linoi, and prior to it Ursuline nuns gathered at a statue of Our Lady of Prompt Succor. Edward Pakenham died during this battle that also included the pirate leader Jean Lafitte. Fought a month after the Treaty of Ghent was signed, for ten points, name this 1815 battle in which Andrew Jackson triumphed over the British in a Louisiana city.**

Answer = Battle of New Orleans

**12. In this novel, Prince Korasoff teaches the protagonist a “game of love”, and its epigraph is the Georges Danton line “Truth, bitter Truth.” A character in this novel dies while hugging her children despite fulfilling her promise that she wouldn’t try to shorten her life. In this novel, the Jansenist Abbé Pirard is the mentor of a Napoleon admirer who’s sentenced by Valenod after shooting Madame de Rênal. For ten points, name this novel in two volumes that sees Mathilde de la Mole kiss the severed head of Julien Sorel, written by Stendhal.**

Answer = The Red and the Black (accept Le Rouge et le Noir)

**13. This religion teaches that 85% of the world’s people are manipulated by 10% of the people, the rich slave-makers, and that the remaining 5% are the poor righteous teachers. This religion has released videos titled “Conspiracy of the International Bankers” and “Controversy with Jews”, and its newspaper is “The Final Call.” It teaches that Ezekiel saw a planet-sized craft called the “Mother Plane” and that Yakub created the white population. For ten points, name this Afrocentric religion founded by Wallace D. Fard whose past members have included Malcolm X.**

Answer = Nation of Islam (prompt on “NOI” alone)

**14. A “zone” named for one variety of this rock is a band of Paleozoic material that stretches across the Austrian Alps. “Yorkstone” is a variety of this rock, which is grouped by the Dott classification. The Gazzi-Dickinson method is most commonly used to measure the components of this rock, which can come in “arenite” and “greywacke” varieties. Metamorphism can change this rock into**

quartzite. Silica cements the namesake granular material of this rock into it. For ten points, name this rock consisting of a material often found at the beach.

Answer = Sandstone (prompt on “Sedimentary Rock”)

**15. This artist depicted the head of a lion, a wolf, and a dog merged and facing in three different directions to represent the passage of time in *The Allegory of Prudence*. He depicted a standing woman pouring water from a marble basin near a man in red who plays a lute in *Pastoral Concert*. This artist of Bacchus and Ariadne also painted a work in which a maid rummages through a chest behind a dog and a nude woman, who lounges on a bed. For ten points, name this Venetian-school Renaissance painter of *Venus of Urbino*.**

Answer = Tiziano Vecelli (accept either underlined portion, also accept Vecellio or Titian)

**16. A work addressed to this poet states “O come you pious youth! adore / The wisdom of thy God.” This poet wrote “O Thou bright jewel in my aim I strive / To comprehend thee” and that “Wisdom is higher than a fool can reach” in “On Virtue”, part of a collection by her that includes “Ode to Neptune.” An “address” to this poet was written by Jupiter Hammon, who stated that “‘Twas mercy brought me from my *Pagan* land” in her most famous work. For ten points, name this early African-American poet who wrote “To His Excellency George Washington.”**

Answer = Phillis Wheatley

**17. After helium and neon, this element has the highest first ionization energy, and rhenium is the only element that can bond with seven atoms of this element. The ionomer nafion contains 13 atoms of this element. Topaz is a silicate mineral of this element and aluminum. After chlorine, this element has the highest electron affinity and four atoms of this element are present in a single unit of Teflon. This element’s anion is often used for toothpaste. The highest electronegativity belongs to, for ten points, what lightest halogen, with atomic number 9 and symbol F?**

Answer = Fluorine

**18. The Vaganova and Cecchetti methods are for learning this art form, during which a “couru” may be performed. A male may complete the “Hortensia” in this art form. Glen Tetley and Robert Joffrey pioneered the “Modern” variety of this art form, and another method requires a specific kind of epaulement. George Balanchine created that method of this art form, during which a performer may “relevé” following a plié. “The Rite of Spring” exemplifies, for ten points, what performance dance form requiring precise steps and movements through the air?**

Answer = Ballet

**19. This man passed the Third Secession Act and defeated Jacques de la Palice with the help of Holy Roman Emperor Maximilian I at the Battle of the Spurs. This**

**king's archbishop signed the Treaty of London and this king arrested and executed Sir Richard Empson and Richard Dudley after being coronated.** Francis I met with this man at the Field of the Cloth of Gold, and he was succeeded by his son Edward VI. For ten points, name this King of England who ordered the Dissolution of the Monasteries and married, among others, Anne Boleyn and Catherine of Aragon.

Answer = Henry VIII (prompt on "Henry" alone)

TELL PLAYERS THAT TOSSUP IS "DESCRIPTION ACCEPTABLE"

**20. In one novel, a man with this profession scolds two others for singing about a fat shopkeeper and his wife. Stanley wishes that he'd joined this profession rather than living a "dog's life" in *Death of a Salesman*. A poem about these people declares that they "lived, felt dawn, saw sunset glow", and one of them befriends Esmé, who has "Love and Squalor", in a J.D. Salinger short story. A man with this profession chases a "whisky priest" in Graham Greene's "The Power and the Glory."** For ten points, name these people, the subject of John McCrae's "In Flanders Fields."

Answer = Anything indicating being employed during a War or as a Soldier (e.g. Lieutenant Colonel, General, Army-man, Sergeant, Army-member, etc. - prompt on "medic" or "war nurse", don't prompt on nurse or non-war-indicative descriptions, or descriptions like "policeman" or "enforcer" alone)

Tiebreaker

**1. This polity employed assara-munidios as enforcers. Nuh I and Malla ruled the Dendi Kingdom that was founded following the collapse of this polity. The scholar Ahmad Baba was part of this polity, and it was partially succeeded by the Saadi dynasty. *Zuwas* were kings of this empire which was chronicled by the *Tarikh al-Sudan*. After razing the salt mines at Taghaza, Judar Pasha defeated this empire at the Battle of Tondibi. Ruled by Askia the Great and Sunni Ali, with capital at Gao, for ten points, name this African empire that succeeded the Mali Empire.**

Answer = Songhai Empire