

1. **Operation Nordlicht was a planned assault during this event. The *Broken Ring* and “Green Belt of Glory” monuments commemorate this event, during which Operation Iskra was enacted. During this event, the first deployment of the Tiger Tank occurred as part of the Sinyavino Offensive. Across Lake Ladoga, the “Road of Life” was used during this event to transfer supplies. During this battle, Army Group North was led by W. Ritter von Loeb against Georgy Zhukov. For ten points, name this brutal 900-day siege of a Russian city today called St. Petersburg.**

Answer = Siege of Leningrad or Battle of Leningrad (do NOT accept or prompt on “St. Petersburg” instead of “Leningrad”)

2. **It’s not “Rhapsody” or “Windy”, but this entity titles a T.S. Eliot poem in which a lamp hums that “The moon has lost her memory” and discusses a cat which “devours a morsel of rancid butter” and “flattens itself in the gutter.” A Lord Byron poem discussing “A heart whose love is innocent!” begins “She walks in beauty, like the [this entity].” William Blake wrote about a “Tyger Tyger, burning bright, / In the forests of the [this entity].” Dylan Thomas urged “do not go gentle” into the “good” type of, for ten points, what entity often contrasted with day?**

Answer = Any answer or poem title including the word Night

3. **The Chesapeake variant of this molecule can cause secondary polycythemia, and it also has Hopkins-2 and D-Punjab variants. The Root effect occurs in these molecules in fish. Voxelotor drug is used to treat a harmful mutation in this protein whose complication can cause vaso-occlusive crisis. Concentration of carbon dioxide in relation to this protein is described by the Bohr effect. This protein contains a porphyrin ring and causes sickle-cell anemia when mutated. For ten points, name this iron-containing protein that carries oxygen and gives blood its red color.**

Answer = Hemoglobin

4. **This river’s namesake Gorge was the subject of periodic breaks of the ice dam on the Clark Fork River, called the Missoula Floods. This river contained Celilo Falls and today contains Priest Rapids and Kettle Falls. Bordering Table Mountain, it was dammed by the “Bridge of the Gods”, which was created by the Bonneville Slide. The Kootenay, Spokane and Willamette Rivers are tributaries of this river, which rises in the British-Columbia Rockies. The Snake is a tributary of, for ten points, what largest river in the Pacific Northwest, which begins in British Columbia?**

Answer = Columbia River

5. **In this work, which refutes the idea of the “old moral philosophers” that there’s a *finis ultimus*, “worthiness” is contrasted with the “worth or value of a man.” Beginning with the phrase “Nature [...] is by the art of man,” this 1600s work**

**states that heathen poets who incur demons are among the four causes of the Kingdom of Darkness.** This book states that the commonwealth has twelve rights, and states that life is “solitary, poor, nasty, brutish and short” because of a “war of all against wall.” For ten points, name this sovereign-praising book by Thomas Hobbes.

Answer = Leviathan

- 6. One poet from this nation wrote about a man who “stopped the pink boat of his life” and said that “in the bluish, faint moon dust, / your light remains will become imprisoned” in one poem. A man founds the Institute for Union with Nothingness in one work from this nation that ends and begins with the line “Barrabas came to us by sea.”** A poet from this nation wrote a collection inspired by the suicide of her lover Romelio Ureta, *Sonnets of Death*. For ten points, name this home of Gabriela Mistral and Isabel Allende’s *The House of the Spirits*.

Answer = Chile

- 7. In this painting, a group of eight nude females is depicted, one with two cherries on her head, as a man drinks from a blue-shelled cup. In this painting, a woman in all black lies in a pool as a peacock rests on her head. A pin is stuck through an abnormally large ear as a man in red climbs on a ladder, while shining lights** are interspersed through another scene of this work, whose left panel shows Jesus, Adam, and Eve in Paradise, while its right panel depicts sinners in Hell. Many explicit scenes are part of, for ten points, what triptych painted by Hieronymous Bosch?

Answer = The Garden of Earthly Delights

- 8. This man’s four wives included Hildegard of Vinzgouw. This man’s relations with a Byzantine emperor succeeded by Staurakios was dubbed the *Pax Nicephori*. This man is eulogized by the *Planctus Karoli* and established the “livre” as a currency. This man passed the *Capitulary for the Jews*, and defeated Widukind before massacring 4,500 Saxons during the Massacre of Verden. This ruler succeeded Desiderius as King of the Lombards. For ten points, name this Frankish ruler who was crowned in 800 AD by Pope Leo II as the first Holy Roman Emperor.**

Answer = Charlemagne (accept Charles the Great or Charles I, prompt on “Charles” alone)

- 9. This deity sent Fulla to tell Geirröd to be on his guard for the wizard Grímnir, who Geirröd later tortured for eight nights. This deity, in one myth, turned a bed around to face east to resolve a dispute between Ybor and Agio, after which the Winnili tribe were known as the *Langobards*. The day of the week preceding Saturday is named for this deity, who extracted a certain promise from everything in the world but forgot mistletoe, a dart of which Loki then used to kill her son Baldr.** For ten points, name this Norse goddess of wisdom and love, the husband of Odin.

Answer = Frigga (accept Frea, do NOT accept or prompt on “Freyja” or “Freya” or “the Lady”)

**10. These structures can form extensive networks in smart rubber. According to Lipinski's rule of five, an orally active drug cannot simultaneously have more than five donors and ten acceptors of these structures, whose "symmetric" type is seen in the bifluoride ion. These structures help stabilize the enol tautomer of acetylacetone, and three of them occur between guanine and cytosine in DNA. These interactions are responsible for the high heat capacity of water. For ten points, name these relatively weak bonds that occur when electronegative atoms attract lone pairs.**

Answer = Hydrogen Bonds (accept "Hydrogen" alone after "bonds" is read)

**11. This figure taught that sensation, perception, and consciousness were among the five aggregates. The Parable of the Poison Arrow begins when another man is conflicted over this figure's inability to answer the fourteen unanswerable questions. The Laba Festival and holiday of Rohatsu correspond directly with Vesak, all of which celebrate this man's birthday. This figure, after encountering "four sights" including a diseased man, founded a religion that preaches *samsara*. For ten points, name this creator of the Four Noble Truths, the first to attain *nirvana*.**

Answer = Siddhartha Gautama Buddha (accept any underlined answer)

**12. This painting is parodied with an alligator shown next to red apartments in Michael Bedard's "Window Shopping", part of his "Sitting Ducks" series. A 1980 work by Red Grooms in which a rat scurries down a green street is titled for this painting "revisited." Its artist's life in the Manhattan neighborhood of Greenwich Village may have inspired the title location of this work, which includes an orange-haired woman in red and a bartender in white. For ten points, name this 1932 painting whose title diner features the advertisement "Five Cent Phillies Cigars."**

Answer = Nighthawks

**13. This character has to stop himself from adding the words "Big deal!" after he says "I know! [...] I can love! This character's enemy has a "red gleam in his dark eyes" as he sees a cup with a badger engraved on it. Despite an intense conversation involving Puddlemere United during a date this boy has at Madam Puddifoot's tea shop, his friend leaves because he won't talk about Cedric Diggory. This character is told to repeatedly write "I must not tell lies" by Professor Umbridge. For ten points, name this title protagonist of a seven-volume J.K. Rowling series.**

Answer = Harry Potter (prompt on "Potter" alone)

**14. A "Farm Forest Park" now stands where these people fought the Battle of Battle Hill. This ethnicity, which fought Duncan Cameron during one battle, were the subject of the Wairau Affray. The Boyd Massacre, which involved these people, may have been started after a cook threw some spoons overboard. After a flagstaff was cut down, these people fought an 1846 war, and they live in societies**

called *iwi* led by *rangatira*. These people lost the Musket Wars and were made to sign the Treaty of Waitangi. For ten points, name this indigenous people of New Zealand.

Answer = Maori

**15. In this play, a character excitedly tells his mother about a rat that was caught by Bubber “with his heel” and that was “Big as a cat.” The “New Neighbors Orientation Committee” is used to entice a family in this play, a member of whom shouts “I LIVE THE ANSWER!” In this play, a woman chooses between George Murchison and Joseph Asagai and is the son of a man who wants to open a liquor store. After Karl Lindner approaches them, Beneatha and Walter Younger are forced to move to Clybourne Park in, for ten points, what Lorraine Hansberry play?**

Answer = *A Raisin in the Sun*

**16. In order to explain these objects, the fuzzball theory was put forward. A kugelblitz is one of these objects, which are the subject of the James Sully-proposed “fireball paradox”, formed from radiation. Mass, electric charge, and angular momentum are said to completely describe these objects by the no-hair theorem. The rotating types of these objects are described by the Kerr metric and surrounded by an ergosphere. A Schwarzschild radius can form around the event horizon of, for ten points, what regions of spacetime from which light cannot escape?**

Answer = Black Holes

**17. One work in this genre contains a section with two oboes d’amore, in triple 6/8 time and A major, called “Et in Spiritum Sanctum.” Dave Brubeck composed a work in this genre “to hope”, and they’re also exemplified by ones in F Minor by the Electric Prunes and in G Minor by Ralph Vaughan Williams. The “Lamb of God” litany is usually set in the last section of these works, which contain “Credo”, “Gloria”, “Kyrie”, and “Agnus Dei” sections. Bach composed one of these works in B Minor. For ten points, name these choral compositions that set the Eucharist to music.**

Answer = Mass (do NOT accept or prompt on “Requiem”, accept Missa, accept any specific kind of mass such as Mass in B minor)

**18. In the Election of 1800, this man siphoned his one electoral vote from Charles Pinckney and finished fifth overall. This man served as the second Secretary of Foreign Affairs and as the first Minister to Spain. This man wrote articles two through five on the topic “Danger from Foreign Force and Influence” for the Federalist Papers. The British vacated the Northwest Territory following a controversial 1795 Treaty named for this man. For ten points, name this Federalist, the second Governor of New York and the first Chief Justice of the United States.**

Answer = John Jay

TELL PLAYERS THAT TOSSUP IS “DESCRIPTION ACCEPTABLE”

**19. During one of these events, their central figure stated “Our families will thrive. Our people will prosper” and said “Americans fill the world with art and music.” During a controversial one of these events in August 2017 filmed from Bedminster, New Jersey, a man stated that “there were very fine people on both sides”;** that event followed the Unite the Right rally. These events, often given with the help of Press Secretary Kayleigh McEnany, popularized the term “fake news.” For ten points, name these addresses given by the 45th President of the United States.

Answer = Trump Speeches or Trump Addresses (Accept any answer indicating a Verbal Message by Trump, do NOT accept or prompt on answers indicating writing or texts or Tweets by Trump, Verbal/Speech is key here)

**20. A scientist from this nation invented a variety of *Pseudomonas putida*; that variety is the first patented organism in the world. The first synthesis of ammonium nitrite was performed by a scientist from this nation, where the first evidence of helium was seen by Pierre Janssen during a solar eclipse. Along with Einstein, a scientist from this nation names a form of matter typically formed at absolute zero. A “limit” on the mass of a white dwarf star was created by a scientist from, for ten points, what nation home to Satyendra Bose and Srinivasa Ramanujan?**

Answer = India

Tiebreaker

**1. This event’s perpetrator was the subject of Gore Vidal’s essay titled for the “Meaning” of him, and was represented by Stephen Jones in court. Weldon L. Kennedy was the head investigator of this event, wh may have had an extra perpetrator called “John Doe Number Two.” This event was inspired by the Ruby Ridge Incident and the Waco Siege. During this event, which Terry Nichols helped perpetrate, a Ryder truck was driven into the Alfred P. Murrah Federal Building, killing 168, by Timothy McVeigh. For ten points, name this 1995 bombing.**

Answer = Oklahoma City Bombing (accept reasonable equivalents that describe destruction of Oklahoma City, accept Alfred P. Murrah Building Bombing BEFORE “Alfred P. Murrah” is said)