

# Round 11

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## Tossups

(1) **Due to thunderstorms prior to this event, Max Pruss stalled for time by touring Manhattan Island. Playback speed issues are believed to have made Herbert Morrison’s voice higher than usual in his reporting of this event. Naval Air Station Lakehurst’s (\*) mooring mast was damaged in this event, in which almost two-thirds of the passengers survived. Newsreels spread video footage of, for ten points, what 1937 disaster, immortalized by the cry “Oh, the humanity!”, in which a hydrogen-filled zeppelin burst into flames?**

ANSWER: Hindenburg disaster (accept descriptions like Hindenburg crash; prompt on partial answers that don’t name “Hindenburg,” such as “zeppelin crash” before it is read)

(2) **A self-declared country that broke off from this country in 1991 has its capital at Hargeisa. The island of Socotra is off the coast of this country’s northeastern tip, in the autonomous state of Puntland on the south shore of the Gulf of (\*) Aden. Ships leaving the Bab el Mandeb have been subject to pirate attacks off the coast of, for ten points, what country that borders Djibouti, Ethiopia, and Kenya on the Horn of Africa, and whose capital is Mogadishu?**

ANSWER: Somalia (accept Federal Republic of Somalia; accept Jamhuuriyadda Federaalka Soomaaliya)

(3) **This poem’s speaker frightens his companion by saying that “the body of [his] brother’s son” came to life to help him steer through a thunderstorm. In this poem, Death and Life-in-Death play dice over the title man, who tells a Wedding-Guest about shooting an (\*) albatross. This poem’s speaker is stranded without a strong wind, and laments that there is “water, water, every where / nor any drop to drink.” For ten points, name this long poem by Samuel Taylor Coleridge that describes a dramatic voyage of the title elderly sailor.**

ANSWER: The Rime of the Ancient Mariner

(4) **A 1946 essay that argued that this field of thought “is a Humanism” was later rejected by its author. An absurd essay in this philosophical movement ends by noting that “one must imagine Sisyphus happy,” since a key tenet of this philosophy is the (\*) angst or anxiety of living in a meaningless world. Soren Kierkegaard [soh-ren keer-kah-gard] and Jean-Paul Sartre [sar-truh] were thinkers in, for ten points, what branch of philosophy that focuses on the individual’s place in reality?**

ANSWER: existentialism (accept word forms like existentialists; accept Existentialism is a Humanism)

(5) **In a short story by this author, Louise Mallard realizes she can be free without her husband. This author created a woman who carries her child into the Louisiana swamp when Armand rejects her over her possible Black ancestry in this author's short story (\*) "Désirée's Baby."** In a novel by this author of "The Story of an Hour," Adèle Ratignolle's [ah-DELL rah-teen-YOLL's] devoted motherhood irritates the unfulfilled Edna Pontellier [Edna pon-tell-ee-AY], who drowns herself in the Gulf of Mexico. For ten points, name this American author of *The Awakening*.

ANSWER: Kate Chopin [shoh-PAN] (accept Katherine O'Flaherty Chopin)

(6) **The 2008 Nobel Prize in Chemistry was awarded for the discovery and study of one of these molecules that causes certain jellyfish to glow green under ultraviolet light. Titin, actin, and myosin are examples of these molecules in muscles. Chaperones assist in the (\*) folding of these molecules, which perform many basic cellular functions. Amino acids are the building blocks of, for ten points, what biomolecules that, in nutritional analysis, are tracked along side fats and carbohydrates?**

ANSWER: proteins (accept polypeptides)

(7) **Amateur soldiers fighting for this country's independence formed a schiltrun, a large, dense circle of men carrying long spears, but that tactic was thwarted by longbows at Falkirk in 1298. Andrew Moray was mortally wounded at this country's victory at (\*) Stirling Bridge, where he fought alongside William Wallace. At the 1314 Battle of Bannockburn, Robert the Bruce defended this country against English invaders. For ten points, name this country that controls the northern portion of Great Britain and eventually joined the UK.**

ANSWER: Kingdom of Scotland (do not accept or prompt on United Kingdom or England)

(8) **With Thomas Jeckyll, this artist created a gold-leafed mural of two fighting birds in the *Peacock Room*, which now holds this man's *Princess from the Land of Porcelain*. This artist's *Nocturne in Black and Gold* shows the sparks of falling fireworks over hazy water, and his (\*) *Arrangement in Grey and Black No. 1* depicts a woman in a white cap and black dress sitting with her side to the viewer. For ten points, name this American artist best known for a painting of his mother.**

ANSWER: James Abbott McNeill Whistler

(9) **In a story about this figure, Anu agrees to send a monster to kill this son of Ninsun. After Ea kills this hero's companion, he goes to Utna-pishtim to request an herb of immortality. This hero goes into the Cedar Forest to fight the demon (\*) Humbaba. With his "wild man" companion, this god defeats the Bull of Heaven, which is sent to kill this king of Uruk over his rejection of Ishtar. For ten points, name this friend of Enkidu, a hero from a namesake Mesopotamian epic.**

ANSWER: Gilgamesh (accept Bilgamesh)

(10) **Research into nuclear fusion as an energy source is split in two fields: magnetic confinement theory and this type of confinement theory. Einstein’s theories of general and special relativity differ in whether the reference frames involved can be described by this term. The amount of (\*) torque needed to spin a body along an axis is described as the “moment of” this concept. Newton’s first law concerns, for ten points, what physical concept that describes how an object at rest will stay at rest?**

ANSWER: inertia (accept word forms like intertial; accept inertial confinement fusion; accept (non-)inertial reference frame; accept moment of inertia after “torque” is read)

(11) **In 2020, US Navy streamers of this game drew backlash when they chose the player names “Nagasaki,” “Japan 1945,” and “gamer word,” a reference to a racial slur. A 2021 expansion to this game will feature Henry (\*) Stickmin references in its upcoming “Airship” map, which will join this game’s other maps “Polus,” “MIRA HQ,” and “The Skeld.” For ten points, name this 2018 game by InnerSloth [“inner sloth”] in which crewmates try to identify imposters.**

ANSWER: Among Us

(12) **The acid EDTA is commonly used to perform the complexo-metric type of this process on solutions containing metal ions. Chemicals like Alizarin yellow and Methyl violet are used in this process with solutions at extreme ends of the (\*) pH scale. This technique is done until an equivalence point is reached, which is often noted by an indicator changing color. For ten points, name this laboratory technique in which liquid from a burette is gradually dripped into a flask of another liquid for the purpose of measuring the concentration of an unknown solution.**

ANSWER: titration (accept volumetric analysis)

(13) **In this book, an angel measures walls built on twelve precious stones and inlaid with twelve gates made of pearl in the “New Jerusalem.” This book’s narrator sees a dragon thrown into a bottomless pit and encounters the (\*) Whore of Babylon. In this book, the Lamb breaks the Seventh Seal after four horsemen are released to begin the apocalypse. John of Patmos is credited with writing, for ten points, what final book of the Christian Bible that describes the end of the world?**

ANSWER: Book of Revelation (prompt on “New Testament;” prompt on “Bible” or “Christian Bible” before “Christian” is read; do not accept or prompt on “Revelations”)

(14) **In this literary work, Guanyin arranges a quest for the sand-demon Sha Wujing and Zhu Bajie, who is called “Piggy” in translations. In this novel, Tang Sanzang’s search for Buddhist texts is aided by a character who is trapped under a (\*) mountain for five hundred years for eating peaches that grant him immortality, and who uses a staff that magically grows and shrinks. For ten points, name this ancient Chinese novel in which Sun Wukong, the Monkey King, accompanies a Buddhist monk to India.**

ANSWER: Journey to the West (accept Xi You Ji; accept Monkey until it is read)

(15) Works by this composer, including his *Fêtes galantes* cycle, were inspired by the poetry of Paul Verlaine. A set of pieces dedicated to this composer's daughter includes "Doctor Gradus ad Parnassum" and (\*) "Golliwog's Cakewalk." This composer wrote piano suites like *Children's Corner* and *Suite Bergamasque*, which contains a dreamy movement named for evoking moonlight. For ten points, name this French composer of "impressionist" music like "Clair de lune."

ANSWER: Claude Debussy (accept Achille-Claude Debussy)

(16) This country's independence movement has its roots in a meeting at Bois Caiman [bwa cay-man] in a forest near Le Cap. A Jacobin named Sonthonax authorized emancipation in what is now this country, which gained its independence shortly after its colonizers sold (\*) Louisiana. Jean-Jacques Dessalines [dess-ah-LEEN] and Toussaint Louverture led a revolution in the French colony of Saint-Domingue [sahn doh-meng], which became, for ten points, what modern country that shares Hispaniola with the Dominican Republic?

ANSWER: Haiti (accept Republic of Haiti; accept République d'Haïti; accept Republik d Ayiti)

(17) This operation on a constant function always gives zero. The chain, product, and quotient rules are used to simplify computing this operation, which is rigorously defined using limits. Common notation for this operation includes (\*) "f prime of x" and "dy/dx" [dee y dee x]. This operation can help find the slope of a line tangent to a curve. Finding the integral is the inverse operation of, for ten points, what basic operation of calculus?

ANSWER: differentiation (accept descriptions of finding or taking the derivative)

(18) In a play about this legendary figure, he asks "was this the face that launch'd a thousand ships?" when confronted with the spirit of Helen of Troy. In another play, this man has an affair with Gretchen after a mysterious dog follows him home. This man ignores the words (\*) "Homo, fuge!" on his arm, and instead signs a contract that gives him the ability to use magic. For ten points, name this character from German folklore who appears in works by Goethe [gur-tuh] and Marlowe, a scholar who sells his soul to Mephistopheles.

ANSWER: Faust (accept Doctor Faustus or The Tragical History of the Life and Death of Doctor Faustus)

(19) Possible causes of these events include photo-disintegration, pair instability, and electron capture, each of which leads to core collapse. White dwarfs that grow larger than the Chandrasekhar limit can undergo the (\*) Type Ia [one A] variety of this event. The Crab Nebula was formed by one of these events in 1054 CE, leading some people to believe a new star had been born. For ten points, name these incredibly powerful explosions of stars.

ANSWER: supernovas (accept supernovae; do not accept or prompt on "nova")

(20) During this battle, Robert Evans died before he could ignite his gunpowder stores, a failure that saved the life of Susanna Dickinson. Moses Rose was labeled the "coward" of this battle for supposedly being the only man not to cross a (\*) line in the sand drawn by William Travis. James Bowie and Davy Crockett died during this battle while fighting forces under the command of Antonio Lopez de Santa Anna. For ten points, name this 1836 battle in which Texian soldiers defended a mission against Mexican forces.

ANSWER: Battle of the Alamo