

2021 Stateline Junior Quiz Bowl

## Game 3

### Buzz-In Round

(1) What astronomical body has been explored by the Curiosity and Perseverance rovers, and is nicknamed the Red Planet?

ANSWER: Mars

(2) What U.S. state is represented in congress by Adam Kinzinger and Tammy Duckworth, and is the home state of Barack Obama, who lived in Chicago?

ANSWER: Illinois

(3) In what fictional New England town does Brom Bones claim to have met the Headless Horseman in a short story by Washington Irving?

ANSWER: Sleepy Hollow

(4) What American politician is depicted as a child holding an axe in a Grant Wood painting that commemorates the legendary honesty of this first American president?

ANSWER: George Washington

(5) What German composer of the opera *Fidelio* and the piano piece “Für Elise” wrote his ninth and final symphony while he was almost completely deaf?

ANSWER: Ludwig von Beethoven

(6) In what U.S. state would you find Pikes Peak, a Rocky Mountain peak one hundred miles south of Denver?

ANSWER: Colorado

(7) What National League team plays baseball home games at the corner of Clark and Addison, in the “friendly confines” of Wrigley Field?

ANSWER: Chicago Cubs (prompt on “Chicago”)

(8) What Norse god gave birth to the eight-legged horse Sleipnir [slyp-neer], fathered the Midgard Serpent and the Fenris Wolf, and was the god of mischief?

ANSWER: Loki

(9) What bodily organ contains the macula, a part of the retina with a high concentration of cone cells that allow color vision?

ANSWER: eyes (accept retinas before it is read)

(10) Name the possibly legendary ancient Greek writer who created the concept of “sour grapes” in a story about a fox, and whose tale of “The Tortoise and the Hare” is included in collections of his fables.

ANSWER: Aesop (accept Aesop’s Fables)

(11) What European country is separated by the Tyrrhenian Sea from the island of Sicily, and contains the cities of Milan, Florence, and Venice?

ANSWER: Italy (accept Italian Republic; accept Repubblica Italiana)

(12) “Orthogonal” is a common synonym for what mathematical word, which describes lines that meet at a ninety degree angle?

ANSWER: perpendicular lines (prompt on “right angle”)

(13) What Disney film cut the song “Human Again” from its original version, and replaced it with “Something There,” a song in which Belle and a prince learn to be friends?

ANSWER: Beauty and the Beast

(14) What kind of real number cannot be the result of the absolute value operation or the square root operation, but can be found to the left of zero on a number line?

ANSWER: negative numbers

(15) Name the ancient general who conquered Gaul and was the last dictator of the Roman Republic. He was assassinated by Brutus and Cassius on the ides of March.

ANSWER: Julius Caesar (or Gaius Julius Caesar)

(16) What literary character first appeared in Carolyn Keene’s *The Secret of the Old Clock*, a plucky, amateur girl detective?

ANSWER: Nancy Drew (accept either underlined name)

(17) The Weddell Sea borders what continent that contains Lake Vostok and numerous international camps that study this southernmost continent's enormous ice fields?

ANSWER: **Antarctica**

(18) Name the quantity that is measured using scales like Kelvin, Celsius, and Fahrenheit.

ANSWER: **temperature** (accept descriptions like “how **hot** something is”)

(19) What country is the home of the composers of *Bolero* and “Clair de Lune,” Maurice Ravel and Claude Debussy, who was born near Paris?

ANSWER: **France**

(20) What game has co-op “Save the World” and sandbox “Creative” versions, but is best known for its “Battle Royale” gamemode and popularization of flossing?

ANSWER: **Fortnite**

## Volleyball Round

(1) What tropical biome is home to tree frogs and three-toed sloths in the canopy layer of its tall trees?

ANSWER: tropical rainforest

(2) What Asian nation contains the Skytree tower and the Ginza shopping district in its capital city, Tokyo?

ANSWER: Japan (accept Nihon-koku or Nippon-koku)

(3) What literary character meets the Duke and the Dauphin [doh-fan] while rafting down the Mississippi river with Jim in a novel by Mark Twain?

ANSWER: Huck Finn (accept either name; accept Huckleberry Finn)

(4) Name the triatomic oxygen molecule that forms a protective layer in the stratosphere, and that absorbs most UV radiation from the sun.

ANSWER: ozone (prompt on “O<sub>3</sub>” [O-3])

(5) The Big Bend National Park is on what river that makes up much of the border between Texas and Mexico?

ANSWER: Rio Grande (accept Rio Bravo del Norte)

(6) Give the mathematical term that describes two of the interior angles of a right triangle, since they measure less than ninety degrees.

ANSWER: acute angle

(7) What colorfully-named K-pop band sang “DDU-DU DDU-DU” [doo-doo doo-doo] and recorded “Kiss and Make Up” with Dua Lipa and “Ice Cream” with Selena Gomez?

ANSWER: BLACKPINK

(8) What animal does the sorcerer Von Rothbart transform Princess Odette into in a Tchaikovsky ballet named for a *Lake* of these birds?

ANSWER: Swan Lake (accept white swans; accept Lebedínoye ózero)

(9) What men used their experience repairing bicycles in Dayton, Ohio to construct the first successful airplane, which flew at Kitty Hawk in 1903?

ANSWER: Wright brothers (accept Orville and Wilbur Wright)

(10) Name the novel by Jonathan Swift in which the title doctor's voyages take him to meet giants in Brobdingnag and six-inch-tall people in Lilliput.

ANSWER: Gulliver's Travels

(11) Name the French adventure author who created Captain Nemo and Phileas Fogg in *Twenty Thousand Leagues Under the Sea* and *Around the World in Eighty Days*.

ANSWER: Jules Verne (accept Jules Gabriel Verne)

(12) Nematodes and annelids are types of what kind of invertebrate animal. The "hook" and "tape" varieties of these animals can parasitically infect humans.

ANSWER: worms (accept hookworms or tapeworms; accept round worms; accept segmented worms; accept flatworms)

(13) In 1966, Lyndon Johnson introduced what government healthcare program that Bernie Sanders wants to expand "for all?"

ANSWER: Medicare (do not accept or prompt on "Medicaid")

(14) What politician's quotations are collected in the *Little Red Book*? He served as the Chairman of the Communist Party of China in the mid-twentieth century.

ANSWER: Mao Zedong (accept Mao Tsetung)

(15) In literature, Gargantua and Pantagruel what mythical creatures? One of these creatures loses a magic harp in the fairy tale "Jack and the Beanstalk."

ANSWER: giants

## Lightning Rounds

The categories are . . .

1. Scientific “S” Words
2. English Grammar
3. Sports

### SCIENTIFIC “S” WORDS

Give the following scientific terms beginning with the letter S.

(1) Objects in space that form constellations and asterisms.

ANSWER: stars

(2) Phase of matter in which closely-packed atoms hold a stable shape.

ANSWER: solids

(3) Element with chemical symbol S.

ANSWER: sulfur

(4) Ionic compounds, like sodium chloride, that can be extracted from briny water.

ANSWER: salts

(5) Natural or artificial objects that orbit a planet, held there by gravity.

ANSWER: satellites

(6) Homogeneous chemical mixture in which a solute is dissolved in a solvent.

ANSWER: solution

(7) Material coarser than silt that is produced by wind or water eroding rocks.

ANSWER: sediment (accept word forms like sedimentary)

(8) Organ in a flower composed of an anther and a filament that produces pollen.

ANSWER: stamen

(9) An imbalance of electric charges that can cause balloons to stick to surfaces.

ANSWER: static electricity

(10) Process in which a tectonic plate shifts under another one, forming namesake “zones.”

ANSWER: subduction (accept subduction zone)

ENGLISH GRAMMAR

Identify the following elements of English grammar.

(1) “Action word” that describe what someone or something is doing.

ANSWER: verb

(2) Words that stand in for nouns, like “she” and “it.”

ANSWER: pronoun

(3) Linking words used to connect two clauses, like “and.”

ANSWER: conjunction

(4) A description word that modifies a verb or adjective, often ending in -ly [L-Y].

ANSWER: adverb

(5) Words that can appear at the beginning of namesake phrases to describe where or when something is, such as “in,” “around,” and “at.”

ANSWER: preposition

(6) A condition that shows that one noun owns another one, usually indicated with an “apostrophe S.”

ANSWER: possession

(7) A noun that describes something that isn’t concrete, like dreams or imagination.

ANSWER: abstract noun

(8) A cohesive part of a sentence that doesn’t include a subject and an action word.

ANSWER: phrase

(9) An abbreviation in which the first letters of a series of words can be read as another word.

ANSWER: acronym

(10) A term that follows a noun to rename it, as in “Mrs Smith, my teacher.”

ANSWER: appositive

SPORTS

Given some athletes and other clues, name the sport.

(1) MVP candidates Giannis Antetokounmpo and LeBron James.

ANSWER: **basketball** (accept **NBA**)

(2) Patrick Kane and Jonathan Toews, as well as the Rockford IceHogs.

ANSWER: ice **hockey** (accept **NHL**)

(3) FedEx Cup competitors like Justin Rose, Rory McIlroy, and Tiger Woods.

ANSWER: **golf** (accept **PGA** Tour)

(4) Class of Olympic sports, including the decathlon, in which Usain Bolt competes in several sprinting events.

ANSWER: **track** and field

(5) Retired Sprint Cup competitors like Jeff Gordon and Danica Patrick.

ANSWER: auto **racing** (accept **motorsports**; accept anything related to **cars** racing; accept specific types, such as **NASCAR**, **IndyCar**, etc.)

(6) Played in the film *A League of Their Own* by the Rockford Peaches.

ANSWER: **baseball**

(7) The most decorated Olympian of all-time, Michael Phelps.

ANSWER: **swimming**

(8) Australia's Don Bradman and India's Sachin Tendulkar.

ANSWER: **cricket**

(9) Ballon d'Or winners like Cristiano Ronaldo and Lionel Messi.

ANSWER: **soccer** (accept association **football**)

(10) Hall of Famers Jerry Rice and Randy Moss.

ANSWER: American **football**



## Final Challenge

(1) The radicle develops into what plant structures that absorb water and nutrients and keep plants anchored in the ground?

ANSWER: roots

(2) “Marley was dead: to begin with” is the opening line of what Charles Dickens novel, in which Ebenezer Scrooge learns to be kind to Bob Cratchit and Tiny Tim during the title winter holiday?

ANSWER: A Christmas Carol

(3) Name the ancient king whose tomb was rediscovered in 1922 by Howard Carter in Egypt’s Valley of the Kings, where a golden mask of this boy king was found.

ANSWER: King Tut (accept Tutankhamun; accept Tutankhaten)

(4) Name the English singer whose song “We’re Good” appears on her 2021 reissue of the album *Future Nostalgia*, alongside “Don’t Start Now” and “Levitating.”

ANSWER: Dua Lipa

(5) Name the body of water that contains the islands of Corfu, Crete, Cyprus, and Sicily, and whose name means “the middle of the Earth.”

ANSWER: Mediterranean Sea

(6) What measurement from statistics tells what number occurs most often in a set, like “2” in the set “2, 2, 3, 6, 9?”

ANSWER: mode

(7) What autumn holiday celebrates the return of Rama and Sita, and honors the goddess Lakshmi with diya lamps and candles, the Hindu festival of lights?

ANSWER: Diwali (accept Deepavali and similar pronunciations)

(8) Name the war in which John Burgoyne surrendered to Horatio Gates, a leader of the Continental Army, after the Battles of Saratoga.

ANSWER: American Revolution (accept Revolutionary War)

(9) What astronomer's *Dialogue Concerning the Two Chief World Systems* led to his conviction for heresy over his support for the theory that the Earth revolves around the sun?

ANSWER: Galileo Galilei (accept either underlined name; accept either underlined name of Galileo di Vincenzo Bonaulti de Galilei)

(10) Name the painting in which Judas clutches a bag of silver while leaning away from Peter and John, created by Leonardo da Vinci to show the final meal shared between Jesus and his disciples.

ANSWER: The Last Supper (accept I' Ultima Cena)

(11) What American naval base was the site of a “date which will live in infamy,” December 7, 1941, when the USS *Arizona* was destroyed in a Japanese bombing?

ANSWER: Pearl Harbor

(12) What kind of animal is pursued by Queequeg, Ishmael, and the obsessed Captain Ahab in the Herman Melville novel *Moby Dick*?

ANSWER: white whale (accept sperm whale)

(13) Name the Bill of Rights amendment that establishes the rights to petition, assemble, and speak freely.

ANSWER: First Amendment (accept Amendment Number One)

(14) In what classic Disney film do Pongo and Perdita rescue their fifteen children, as well as eighty-four other puppies, from the villainous Cruella de Vil?

ANSWER: One Hundred and One Dalmatians

(15) What element forms amalgams when combined with metals, is a silver-colored liquid at room temperature, and has chemical symbol Hg [H-G]?

ANSWER: mercury (accept Hg before it is read)

(16) Windsor, Ontario is just south of what major US city, whose suburb of Dearborn is home to the headquarters of the Ford Motor Company in Michigan?

ANSWER: Detroit

(17) Name the novel in which Elizabeth Lavenza is killed on her wedding night by a creature brought to life by her husband, Victor, written by Mary Shelley.

ANSWER: Frankenstein; or, The Modern Prometheus

(18) What 2011 Bethesda game puts players in the role of the “Dovakhiin” [doh-vah-keen] or “Dragonborn” as they adventure in the land of the Nords?

ANSWER: Skylrim (accept The Elder Scrolls V: Skylrim; prompt on “Elder Scrolls”)

(19) What country is home to the composers John Cage and Aaron Copland, who composed the ballet *Appalachian Spring* for a performance in Washington, D.C.?

ANSWER: United States of America (accept America; accept USA)

(20) What negatively-charged subatomic particles obey VSEPR [“vesper”] theory and occupy orbitals that surround the nucleus of an atom?

ANSWER: electrons