

2021 Stateline Junior Quiz Bowl

Game 6

Buzz-In Round

(1) Name the body of water where the *Edmund Fitzgerald* sank after sailing out of Duluth, the largest of the Great Lakes.

ANSWER: Lake Superior

(2) Name the crop, used to make textiles, whose production was revolutionized by a “gin” [jihn] invented by Eli Whitney in the American south.

ANSWER: cotton

(3) Name the novel by Jack London in which John Thornton’s death frees Buck to join an Alaskan wolf pack as a “Ghost Dog.”

ANSWER: The Call of the Wild

(4) What element, used to make ammonia, ammonium, and fertilizers, has the chemical symbol N?

ANSWER: nitrogen (accept N before it is read)

(5) In a marble sculpture by Michelangelo, what biblical figure holds a slingshot over his shoulder as he prepares to face Goliath?

ANSWER: King David (accept Dawud)

(6) Name the real number that is the output of a function at its roots, and that is between the positive and negative numbers.

ANSWER: zero

(7) Name the book by Roald Dahl in which a boy travels to New York with a group of enormous insects inside the title piece of fruit.

ANSWER: **James and the Giant Peach**

(8) Name the city where Crispus Attucks was killed, the location of a namesake Massacre and Tea Party in Massachusetts.

ANSWER: **Boston**

(9) Bellerophon rode what mythical animal to reach Mount Olympus, although Zeus made him fall off of this winged horse.

ANSWER: **Pegasus** (prompt on “horse” or “winged horse” or “flying horse” before “winged” is read)

(10) Name the fictional princess from Themyscira who uses a Lasso of Truth while fighting crime with the Justice League, and who uses the secret identity “Diana Prince.”

ANSWER: **Wonder Woman** (accept Princess **Diana** or either underlined portion of **Diana Prince** before “Diana” is read)

(11) What planet is orbited by the only moon in our solar system to have a liquid surface and nitrogen-based atmosphere, Titan, and has the largest set of rings in the solar system?

ANSWER: **Saturn**

(12) What city contains the CN Tower, and is the capital of Ontario?

ANSWER: **Toronto**

(13) What fictional detective seemed to die fighting Professor Moriarty, but was brought back to his home at 221B Baker Street in later works by Sir Arthur Conan Doyle?

ANSWER: **Sherlock Holmes** (accept either name)

(14) Name the ancient empire that underwent the Year of the Four Emperors and was governed by emperors like Nero and Marcus Aurelius from what is now Italy.

ANSWER: Rome (accept Roma; accept Roman Empire)

(15) Name the U.S. state whose living museum, Colonial Williamsburg, forms a “Historic Triangle” with Yorktown and Jamestown.

ANSWER: Virginia

(16) What college sport has been coached by John Wooden at UCLA and Mike Krzyzewski [sha-SHEF-skee] at Duke, and plays an annual championship tournament called “March Madness?”

ANSWER: men’s college basketball

(17) What mathematical term describes a line that has undefined slope and can make a right angle with a horizontal line?

ANSWER: vertical line

(18) What European city contains the Musée d’Orsay, an art museum on the Left Bank of the Seine River, and is the capital city of France?

ANSWER: Paris

(19) What string instrument has been famously played by Jacqueline du Pré, Pablo Casals, and Yo-Yo Ma, and forms a string quartet with a viola and two violins?

ANSWER: cello (accept violincello)

(20) What substance is known as the universal solvent and has the chemical formula H₂O [H-2-O]?

ANSWER: water

Volleyball Round

(1) What fictional character meets Annabeth Chase after his satyr friend, Grover, takes him to Camp Half-Blood in a series of myth-inspired novels by Rick Riordan?

ANSWER: Percy Jackson (accept either underlined name; accept either underlined portion of Perseus Jackson)

(2) An element's atomic number is determined by the number of what positively-charged particles in an atom's nucleus?

ANSWER: protons

(3) In the year 453, what Germanic tribe planned to, but ultimately did not, sack Rome under the command of Attila?

ANSWER: Huns (accept Attila the Hun)

(4) Name the literary character created by A.A. Milne who wonders what it would be like "if Bears were Bees" as he tries to reach a beehive in the Hundred Acre Woods.

ANSWER: Winnie-the-Pooh (accept Pooh-bear; accept Winnie-ther-Pooh; accept Edward Bear)

(5) A project headed by crystallographer Rosalind Franklin discovered the double helix structure of what molecule that stores genetic information?

ANSWER: DNA (accept deoxyribonucleic acid)

(6) What Grand Duchess and daughter of Tsar Nicholas II was once popularly believed to have survived the murder of the Romanov family in 1918?

ANSWER: Anastasia Nikolaevna Romanov

(7) Name the stealth-based Ubisoft series that includes games titled *Black Flag* and *Odyssey*, in which players journey through history to work against the Templar Order.

ANSWER: Assassin's Creed (accept Assassin's Creed IV: Black Flag; accept Assassin's Creed Odyssey)

(8) Grand Coulee, Glen Canyon, and Fort Peck are examples of what type of structure, one of which created Lake Mead in Nevada and is named for Herbert Hoover?

ANSWER: dams (accept Grand Coulee Dam; accept Glen Canyon Dam; accept Fort Peck Dam; accept Hoover Dam)

(9) Name the novel by Daniel Defoe in which the title sailor gets shipwrecked on a deserted island, where he befriends a former cannibal he names Friday.

ANSWER: Robinson Crusoe (accept The Life and Strange Surprising Adventures of Robinson Crusoe of York, Mariner)

(10) Yggdrasil [IG-drah-sihl] is a mythical one of what kind of object, whose branches and roots linked the worlds of Norse myth?

ANSWER: tree (accept ash tree; accept World Tree)

(11) The battles of Harfleur, Crécy [kray-see], and Agincourt [ah-zhin-kor] took place during what war that lasted from 1337 until 1453?

ANSWER: Hundred Years' War

(12) The caption "Quasi una fantasia" officially titles what piano sonata by Ludwig von Beethoven whose famous nickname describes light shining on Lake Lucerne at night?

ANSWER: Moonlight Sonata (accept Mondscheinsonate)

(13) What Christmas gift is purchased by Jim Young with the money he gets from selling his watch, not knowing that his wife has purchased a watch chain by selling her hair, in O. Henry's short story "The Gift of the Magi?"

ANSWER: tortoiseshell combs

(14) Earth's lithosphere is composed of what enormous plates that meet at subduction zones, and whose motion causes continental drift?

ANSWER: tectonic plates

(15) What Italian mathematician names a sequence that begins "1, 1, 2, 3, 5, 8," and adds the two previous terms to make each new term?

ANSWER: Fibonacci (accept Leonardo of Pisa; accept Leonardo Bonacci; accept Fibonacci numbers, sequence, etc.)

Lightning Rounds

The categories are . . .

1. Revolutionary War
2. Things in Chicago
3. Star Wars

SMALL UNITS OF MEASURE

Identify the following relatively small units of measure. Each answer will be a single unit, such as a mile or a gallon.

(1) Unit of length equal to 2.54 centimeters.

ANSWER: inch

(2) Metric unit of volume equal to one cubic centimeter.

ANSWER: milliliter

(3) Unit of volume used in cooking, equal to one-third of a tablespoon.

ANSWER: teaspoon

(4) Unit of volume equal to half of a pint.

ANSWER: cup

(5) Standard unit of time commonly thought of as an eighty-six-thousand-four-hundredth of a day.

ANSWER: second

(6) Metric unit of weight once defined as the weight of a cubic centimeter of water.

ANSWER: gram (accept gramme)

(7) Imperial unit of weight equal to one-sixteenth of a pound.

ANSWER: ounce

(8) Digital unit of data commonly defined as eight bits.

ANSWER: byte

(9) Unit of mass for gemstones equal to a little over three grains.

ANSWER: carat

(10) Unit of length used to measure horses, equal to about ten centimeters.

ANSWER: hand

BEST YOUNG ADULT NOVELS OF ALL TIME

Name some novels from *Time* magazine's list of "The 100 Best Young Adult Books of All Time."

(1) A series of books about a boy wizard, written by J.K. Rowling.

ANSWER: Harry Potter (accept Harry Potter series)

(2) The story of a spider who saves the life of a pig named Wilbur, written by E.B. White.

ANSWER: Charlotte's Web

(3) The story of Liesel Meminger growing up in Nazi Germany, narrated by Death and written by Markus Zusak.

ANSWER: The Book Thief

(4) A book in which Jonas trains to be the Receiver of Memories, written by Lois Lowry.

ANSWER: The Giver

(5) A book in which the title girl butts heads with headmistress Miss Trunchbull, written by Roald Dahl.

ANSWER: Matilda

(6) A book in which Stanley Yelnats is forced to search for treasure in Camp Green Lake, written by Louis Sachar.

ANSWER: Holes

(7) A story in which the March sisters grow up during the Civil War, written by Louisa May Alcott.

ANSWER: Little Women

(8) A story in which Meg Murry tries to save her father with the help of Mrs Who, Mrs Which, and Mrs Whatsit, written by Madeleine L'Engle.

ANSWER: A Wrinkle in Time

(9) 1960s novel about a gang war between the greasers and the Socs [soh-shes], narrated by Ponyboy Curtis and written by S.E. Hinton.

ANSWER: The Outsiders ©Scholastic Community Outreach Program 2022

(10) Frequently banned book in which Junior begins high school off his reservation, written by Sherman Alexie.

COUNTRIES IN WORLD WAR I

Name some countries from their World War I leaders.

(1) President Woodrow Wilson.

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

(2) Prime Minister Georges Clemenceau, who hosted the Paris Peace Conference.

ANSWER: France (accept République française; French Republic or Third Republic; accept La Troisième République)

(3) Nicholas II [the second], the last Romanov Tsar.

ANSWER: Russia (accept Russian Empire; accept Rossiya; accept Rossiyskaya Imperiya)

(4) Kaiser Wilhelm II, the de facto leader of the Central Powers.

ANSWER: Germany (accept German Empire; accept Imperial (State of) Germany; accept Deutschland; accept Kaiserreich or Deutsches Kaiserreich)

(5) Prime Minister David Lloyd George, who served under King George V [the fifth].

ANSWER: UK (accept United Kingdom or United Kingdom of Great Britain and Northern Ireland; accept England; accept Britain or Great Britain; accept British Empire or Imperial Britain)

(6) King Victor Emmanuel III [the third], who allowed the rise of Mussolini's fascism after the war.

ANSWER: Italy (accept Italia; accept Kingdom of Italy; accept Regno d'Italia)

(7) President Bernardino Machado, who led from Lisbon.

ANSWER: Portugal (accept Portuguesa; accept First Portuguese Republic; accept Primeira República Portuguesa)

(8) Emperor Yoshihito, who provided naval power in the Pacific.

ANSWER: Japan (accept Nippon-koku or Nihon-koku; accept Empire of Japan or Japanese Empire or Imperial Japan)

(9) President Feng Guozhong, who was opposed by Sun Yat-Sen.

ANSWER: China (accept Zhongguo; accept Republic of China or ROC; accept Zhonghua Minguo)

(10) Prime Minister Joseph Cook, who ordered an expeditionary force to aid George V [the fifth].

Final Challenge

(1) What adventurer was the founding president of the Ninety-Nines and disappeared with Fred Noonan while she was trying to circumnavigate the globe in an airplane?

ANSWER: Amelia Earhart

(2) What ballet, inspired by an E.T.A. Hoffmann story, includes the “Dance of the Sugar Plum Fairy,” and was composed by Pytor Tchaikovsky for Christmastime performances?

ANSWER: The Nutcracker (accept Shchelkunchik)

(3) The Sieve of Eratosthenes finds what kind of numbers by crossing out all composite numbers and leaving only numbers divisible by one and themselves?

ANSWER: prime numbers

(4) What American author wrote about Hank Morgan’s conflict with the wizard Merlin in *A Connecticut Yankee in King Arthur’s Court*, and also wrote *The Adventures of Tom Sawyer*?

ANSWER: Mark Twain (accept Samuel Langhorne Clemens)

(5) In what game, created by Inner Sloth, do players repair maps like Polis and The Skeld while avoiding murderous imposters posing as crewmates?

ANSWER: Among Us

(6) What city is home to the neighborhoods of Bedford-Stuyvesant and Coney Island, and contains JFK Airport in one of its five boroughs, Brooklyn?

ANSWER: New York City (accept NYC; accept Brooklyn before it is read)

(7) Name the organ whose internal structures, called alveoli, can be affected by emphysema or pneumonia, which make it hard to breathe.

ANSWER: lungs

(8) Name the Civil War battle in Pennsylvania that was the site of Pickett's Charge and became the namesake of a speech that described the founding of America "four score and seven years ago."

ANSWER: Battle of Gettysburg (accept Gettysburg Address)

(9) Name the William Golding novel in which Ralph and Piggy fail to maintain order among a group of young boys marooned on a deserted island.

ANSWER: Lord of the Flies

(10) What French military commander broke the Hundred Years War's Siege of Orléans, and was burned at the stake by the English for cross-dressing?

ANSWER: Joan of Arc (accept Jeanne d'Arc; accept Saint Joan)

(11) Name the epic poem, attributed to Homer, in which Penelope and Telemachus are reunited with Odysseus after his ten-year journey home from war.

ANSWER: the Odyssey

(12) Name the device, first created by Theodore Maiman using a ruby as a gain medium, that uses total internal reflection to produce red dots of light for cats to chase.

ANSWER: LASER (accept light amplification by the stimulated emission of radiation, with both underlined parts required; accept descriptions of specific applications like laser pointers)

(13) What Egyptian god oversaw the weighing of the heart against the feather of Ma'at in his role as the jackal-headed judge of the dead?

ANSWER: Anubis (accept Anpu or Inpu)

(14) What comic book character is sent by his father, Jor-El, to Earth, where he is raised on the Kansas farm of Jonathan and Martha Kent?

ANSWER: **Superman** (accept **Kal-El**; accept either underlined name of **Clark Kent** before “Kent” is read; accept **Clark** after “Kent” is read)

(15) What type of prokaryotic micro-organism includes harmful species that cause leprosy, anthrax, and salmonella, and are often contrasted with viruses?

ANSWER: **bacteria** (accept **bacterium**)

(16) Name the biblical figure who took his sons, Shem, Ham, and Japheth, with him on his ark to escape a great flood.

ANSWER: **Noah** (accept **Nuh**)

(17) What country contains the Renmin Bridge and the Three Gorges Dam on the Pearl and Yangtze Rivers?

ANSWER: **China** (accept People’s Republic of **China** or **PRC**; accept **Zhongguo**; accept **Zhongguo Renmin Gongheguo**)

(18) What painter depicted a woman putting a turkey on a table and a man standing to speak in a meeting hall in his *Four Freedoms*, paintings of American subjects he created for *The Saturday Evening Post*?

ANSWER: Norman **Rockwell** (accept Norman Percevel **Rockwell**)

(19) What chemical substances with an -OH **[O-H]** hydroxyl group, like ethanol and methanol, can be created by fermentation?

ANSWER: **alcohols**

(20) Name the product that Kublai Khan ordered to be used for all money, and that was legendarily invented by Cai Lun [tsah-ee loon], who used wood pulp to make a flat surface for writing on.

ANSWER: **paper**