

Stateline Juniors 2023

Game 2

Buzz-In Round

- 1) What 1989 animated movie features Rockford native Jodi Benson in the title role as a friend of Scuttle and Flounder, and has a 2023 remake that stars Halle Bailey as Ariel?

Answer: The Little Mermaid

- 2) What subatomic particle is composed of one up quark and two down quarks, and is an uncharged particle that makes up an atom's nucleus alongside protons?

Answer: neutron

- 3) Name the Auguste Rodin sculpture that originally depicted the poet Dante in a seated position, leaning forward and resting his chin on his hand while pondering.

Answer: The Thinker (accept Le penseur; accept The Poet or Le poete before "Poet" is read)

- 4) Name the collection of short stories in which author Rudyard Kipling describes a mongoose called Rikki-Tikki-Tavi and a "man-cub" named Mowgli, who is raised by animals in the wilderness in India.

Answer: The Jungle Book

- 5) What operation is the inverse of a logarithm, is written using superscript numbers, and -- in the traditional order of operations -- immediately follows parentheses?

Answer: exponents (accept exponentiation; accept "raising a number to a power")

- 6) What fictional location has been the subject of games like *Noclipped* and is home to Skin Stealers and Smilers that wander this urban legend's nearly-empty, liminal hallways?

Answer: The **Backrooms**

- 7) Arches National Park is in what western US state, where racing records have been set on the Bonneville Salt Flats and whose northwest corner is home to the Great Salt Lake?

Answer: **Utah**

- 8) Name the plant structures in which guard cells surround "stomata" openings that enable the exchange of carbon dioxide and oxygen, and where most photosynthesis occurs.

Answer: **leaf** (accept **leaves**)

- 9) Name the mythical son of Zeus and Alcmene who was ordered by Eurystheus to slay the Nemean Lion and the Hydra during his Twelve Labors.

Answer: **Heracles** (accept **Hercules**; accept **Alcaeus**; accept **Alcides**)

- 10) What astronomical body orbits around the Sagittarius A-Star black hole, and is expected to collide with the Andromeda Galaxy in three billion years?

Answer: **Milky Way** Galaxy

- 11) The University of Pennsylvania was founded by what man, who invented bifocals and the lightning rod and eventually became the Founding Father on our 100-dollar bill?

Answer: Benjamin **Franklin**

- 12) The city of Manaus was built where the Rio Negro flows into what other river, which flows through the world's largest tropical rainforest system in South America?

Answer: **Amazon** River

- 13) Name the part of speech that can be made comparative or superlative by adding "E-R" or "E-S-T" to the end and, when an "L-Y" is added to the end, can become an adverb.

Answer: **adjective**

- 14) What musical instrument is played by Lang Lang, is produced by Steinway in "baby grand" and "grand" sizes, and has 88 black and white keys?

Answer: **piano** (accept forte**piano**; accept **pianoforte**)

- 15) Name the American poet of "The Conqueror Worm" who described a wind "chilling and killing" a woman "in a kingdom by the sea" in the poem "Annabel Lee."

Answer: Edgar Allan **Poe**

- 16) What ruler, the last queen of the Ptolemaic Kingdom and a lover of both Marc Antony and Julius Caesar, probably didn't actually die by snakebite?

Answer: **Cleopatra** (accept **Cleopatra** VII Philopator)

- 17) In what state did Martin Luther King, Jr lead protest marches from Selma to this state's capital, Montgomery?

Answer: **Alabama**

- 18) Name the English author of "manners novels" like *Emma* and *Sense and Sensibility*.

Answer: Jane **Austen**

- 19) Name the American state that was the site of the Battle of Vicksburg, and contains the cities of Biloxi and Jackson.

Answer: **Mississippi**

20) What dense structures were discovered in the Rutherford gold foil experiment, which identified open fields of electrons that surround these cores made of protons and neutrons?

Answer: atomic **nucleus**

Volleyball Round

- 1) Aschenputtel is the Grimm brothers' name for this character, whose sisters cut off their toes to try to fit a dainty shoe in a story in which this woman falls in love with a prince at a royal ball.

Answer: **Cinderella** (accept **Cenerentola**; accept **Cendrillon**)

- 2) The Union victory at the Battle of Antietam empowered President Lincoln to issue what 1863 executive order, which officially freed more than 3 million slaves in the Confederacy?

Answer: **Emancipation Proclamation** (accept **Proclamation 95**: Regarding the Status of Slaves in States Engaged in Rebellion Against the United States)

- 3) What kind of chemical compound is defined by Bronsted-Lowry as "proton acceptors," and that have a pH higher than seven, in contrast with acids?

Answer: **base**

- 4) What fictional place is accessed by going *Through the Looking-Glass*, and is the home of Humpty-Dumpty, Tweedledee, and Tweedledum in novels by Lewis Carroll about Alice's adventures there?

Answer: **Wonderland**

- 5) Salvador Dal'i's *The Persistence of Memory* shows ants swarming over one of what kind of objects? In the painting, others of these objects are draped over a block, a tree, and a humanoid face.

Answer: **clock** (accept **watch**)

- 6) What singer will appear in 2024 as Glinda in a film adaptation of *Wicked*, joined Jessie J and Nicki Minaj on "Bang Bang," and performed with Lady Gaga on the song "Rain on Me?"

Answer: Ariana **Grande** (accept **Ari** or **Ariana**; accept Ariana **Grande-Butera**)

- 7) A 2017 monument in Ottawa commemorates what object with a silver sculpture and an enormous black disc? The memorial celebrates the donation of this trophy that is now awarded annually by the NHL.

Answer: **Stanley Cup** (accept Lord **Stanley's Cup**; accept La **Coupe Stanley**)

- 8) What freshwater structures contain striped bands called ogives, and leave behind masses called "moraines" as they move across land?

Answer: **glacier**

- 9) Senator Edward "Ted," Attorney General Robert, First Lady Jackie, and President John were all members of what American political family?

Answer: **Kennedy** family

- 10) What final queen from the House of Tudor sponsored Sir Walter Raleigh's exploration & Sir Francis Drake's defeat of the Spanish Armada as ruler of England?

Answer: **Elizabeth I** (prompt on "Elizabeth")

- 11) The Double Angle identities are useful in what branch of mathematics, which studies functions like sine, cosine, and tangent?

Answer: **trigonometry** (accept **trig**)

- 12) What Norse All-Father used the ravens Huginn and Munin to gather information?

Answer: **Odin** (accept **Wotan**)

13) Shawnee National Forest is in what US State, which lies across the Mississippi River from both Missouri and Iowa?

Answer: Illinois

14) What organelle that stores a cell's chromosomal DNA is absent in prokaryotes?

Answer: cell nucleus

15) What character from American literature uses an andiron knob to propose to Becky Thatcher, lives with his Aunt Polly and, in novels by Mark Twain, is a friend of Huckleberry Finn?

Answer: Thomas "Tom" Sawyer (accept either underlined name)

Lightning Round

The categories are...

- 1) Types of Fish
- 2) Gods of War
- 3) TV Shows Based on Other Works

Types of Fish

Name the following types of fish.

- 1) Predators whose types include hammerhead and Great White.

Answer: **sharks**

- 2) Small fish with a prehensile tail whose males carry their young.

Answer: **seahorses**

- 3) Oily fish commonly consumed on pizza.

Answer: **anchovy**

- 4) Common local fish with smallmouth and largemouth varieties.

Answer: **bass**

- 5) Fish whose Asian type is invasive but kept out of the Great Lakes so far.

Answer: **carp** (accept **Copi**; accept Asian **Carp**)

- 6) Carnivores in South America with red bellies who famously bite and tear flesh

Answer: **piranhas**

- 7) Carnivores in South America who can stun enemies with a high voltage shock.

Answer: **electric eels** (prompt on "eel")

- 8) Pink-fleshed fish that famously migrates upstream to spawn.

Answer: **salmon**

- 9) Large fish that can be "noodled" by sticking your arm down a hole.

Answer: **catfish**

- 10) Freshwater fish with cutthroat and rainbow types.

Answer: **trout**

Gods of War

Name some gods and goddesses who govern aspects of war.

- 1) Roman war god who is the namesake of a nearby planet.

Answer: **Mars**

- 2) The Greek war god, who is associated with that Roman god.

Answer: **Ares**

- 3) Greek goddess of invention and wartime strategy.

Answer: **Athena**

- 4) Norse war god who lost his hand to the Fenris Wolf.

Answer: **Tyr**

- 5) Norse shield-maidens who carried the honored dead to the afterlife.

Answer: **Valkyries**

- 6) Lion-headed Egyptian war goddess associated with the cat-headed Bast.

Answer: **Sekhmet**

- 7) Norse goddess of war and magic who accepted half of those killed in battle at her mead-hall.

Answer: **Freyja**

- 8) Greek spirit of victory often depicted as a winged woman.

Answer: **Nike**

- 9) Greek god of fear who accompanied Deimos, or "trembling," on the battlefield.

Answer: **Phobos**

- 10) Babylonian goddess of both love and war who sent the Bull of Heaven against Gilgamesh.

Answer: **Ishtar** (accept **Inanna**)

TV Shows Based on Other Works

Name some TV shows inspired by or directly adapted from other works, such as movies, video games, or other TV shows.

- 1) 2022 Netflix series based on *The Addams Family*.

Answer: **Wednesday**

- 2) A primetime spinoff where famous people answer Daily Doubles in the form of a question.

Answer: **Celebrity Jeopardy!** (prompt on "Jeopardy!")

- 3) Star Wars spinoff whose title character protects his original target, Grogu.

Answer: The **Mandalorian**

- 4) HBO series about Joel, Ellie, and fungus-infected zombies, based on a video game.

Answer: The **Last of Us**

- 5) Animated Netflix series based on League of Legends.

Answer: **Arcane**

- 6) Hulu series starring Elizabeth Moss, based on a dystopian Margaret Atwood novel.

Answer: The **Handmaid's Tale**

- 7) Marvel's 2021 homage to classic sitcoms, starring Elizabeth Olsen and Paul Bellamy.

Answer: **Wandavision**

- 8) Animated series featuring Wayne Brady as King Dice, based on a video game about a deal with the Devil.

Answer: The **Cuphead Show!** (prompt on "Cuphead")

- 9) Netflix fantasy series based on Leigh Bardugo's Grishaverse.

Answer: **Shadow and Bone**

- 10) The Rockford Peaches play in an all-women's baseball league, based on a 1992 film of the same name.

Answer: A **League of Their Own**

Final Challenge

- 1) In what country did Miguel Diaz-Canel push for the legalization of same-sex marriage, shortly after he succeeded Raul Castro as the leader of a Communist Party in Havana?

Answer: **Cuba** (accept Republic of **Cuba**)

- 2) The dwarf Alberich forges the Rhinegold into what type of object, the title object of a "cycle" of operas by Richard Wagner?

Answer: **ring** (accept **Ring** Cycle; accept **Ring** of the Nibelung; accept Der **Ring** des Nibelungen)

- 3) One torr is equal to 760 millimeters of what metallic element with atomic number 80 and symbol Hg [H-G], which is liquid at room temperature?

Answer: **mercury**

- 4) Name the short story by Washington Irving in which Henry Hudson's ghostly crew plays nine-pins in the Catskill Mountains, where the title man falls asleep for twenty years.

Answer: **Rip Van Winkle**

- 5) A monument to a boot commemorates what man's bravery at Saratoga, but refuses to name him due to his later conspiracy with John Andre to surrender West Point to the British?

Answer: Benedict **Arnold**

- 6) What video game character from Planet Popstar was renamed for an American lawyer after being called "Po-po-po," and is a round, pink creature who absorbs the power of things he eats?

Answer: **Kirby** (accept **Kabi**; accept **Popopo** before it is read)

- 7) What US city is home to the neighborhoods of Anacostia and Foggy Bottom, Howard and Georgetown Universities, many facilities of the Smithsonian Institution along the National Mall, and the White House?

Answer: **Washington, DC** (accept either or both names; accept **District of Columbia**)

- 8) What regular polygon has interior angles that each measure 120 degrees, can be divided into equilateral triangles, and has six total sides?

Answer: **hexagon**

- 9) What German author described living in the Achterhuis [OCK-ter-hwees] prior to her death at Bergen-Belson in her *Diary of a Young Girl*?

Answer: Anne **Frank** (accept Annelies Marie **Frank**; accept The **Diary of Anne Frank**)

- 10) What country is home to a waterfront financial district called the Bund, the longest canal system in the world, and the Pearl, Yellow, and Yangtze Rivers, the last of which flows through Shanghai?

Answer: **China** (accept People's Republic of **China** or **PRC**; accept **Zhongguo** or **Zhonghua** Renmin Gongheguo)

- 11) What biblical figure was the father of Absalom and Solomon, and became King of Israel in adulthood after he used a slingshot to slay the giant Goliath?

Answer: King **David** (accept **Dawud**)

- 12) What sense, whose loss is called anosmia, is processed by the brain's olfactory bulb?

Answer: **smell** (accept **olfactory** sense before it is read)

- 13) Name the American author who created the characters of Captain Vere and Stubb in the novels *Billy Budd* and *Moby-Dick*.

Answer: Herman **Melville**

- 14) What U.S. state borders Buzzards Bay and Cape Cod Bay, and is nicknamed "The Bay State" in part because of a body of water that borders Boston?

Answer: **Massachusetts**

- 15) What military leader committed the Goliad Massacre after winning the Battle of the Alamo, and repeatedly served as a president of Mexico?

Answer: Antonio Lopez de **Santa Anna** (accept Antonio de Padua Maria Severino Lopez de **Santa Anna** y Perez de Lebron)

- 16) Name the author who created Edmond Dantes and d'Artagnan in the novels *The Count of Monte Cristo* and *The Three Musketeers*.

Answer: Alexandre Dumas (accept Alexandre Dumas, père or Alexandre Dumas, senior; accept Dumas Davy de la Pailleterie)

- 17) Pyrite is nicknamed for being mistaken for what metallic element that has chemical symbol Au [A-U], and is often made into first-place awards?

Answer: **gold**

- 18) What Italian composer opened his *The Contest Between Harmony and Invention* with "Spring," the first one of his violin concertos *The Four Seasons*?

Answer: Antonio **Vivaldi** (accept Antonio Lucio **Vivaldi**)

- 19) What substance is excreted through the urethra as a liquid after being filtered by the kidneys and stored in the bladder?

Answer: **urine** (accept equivalents like **pee**)

- 20) What mathematical term refers to the most common value in a set, which is often contrasted with the median and mean?

Answer: **mode**