THE LONG ISLAND QUIZ BOWL ALLIANCE

Elementary School 20/20 Sample

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1. This animal is the inspiration behind the myth of the ferocious drop bear. What animals often found in Australia are known for (*) sleeping up to twenty hours a day and eating eucalyptus leaves?
ANSWER: **koala**s <Science>

1. Answer the following about the female painter Frida Kahlo:
1. Kahlo began to paint after being badly injured when a trolley collided with one of these vehicles in which she was riding. Many of these vehicles in London are red, while many in the U.S. that transport students are yellow.
ANSWER: **bus**es [accept school **bus**es]
2. Kahlo and her husband Diego Rivera were both from this country. The Day of the Dead, or Día de los Muertos, is widely celebrated in this Spanish-speaking North American country.
ANSWER: **Mexico**
3. The Frida Kahlo Museum, or La Casa Azul ("ah-ZOOL"), is known for having walls painted this color. An early period of Pablo Picasso's career was named for this color and featured many somber-looking paintings.
ANSWER: **blue** [accept **Blue** Period]
<Fine Arts>

2. The character Marian works at one of these places in *The Music Man*. The Dewey Decimal System is used to (*) organize the contents of what typically quiet places where books can be checked out?
ANSWER: **library** [or **libraries**] <General Knowledge>

2. Answer the following about cities in the Pacific Northwest:
1. The most populous city in the Pacific Northwest is this city in Washington, which shares a metropolitan area with Tacoma and is on Puget Sound.
ANSWER: **Seattle**
2. This city in British Columbia, which hosted the 2010 Winter Olympics with nearby Whistler, is the second most populous in the region.
ANSWER: **Vancouver**
3. The unrelated city of Vancouver, Washington is across this river from Portland, Oregon. The Grand Coulee Dam is on this river, which receives the Snake River near the Tri-Cities.
ANSWER: **Columbia** River
<Geography>

3. Uranus and this planet are the only two with retrograde rotations in the Solar System. Sulfuric acid clouds and the (*) greenhouse effect cause high temperatures on what planet, the second from the Sun?
ANSWER: **Venus** <Science>

3. Answer the following about the reverse, or back side, of U.S. currency:
1. The reverse side of the $20 bill features this house located at 1600 Pennsylvania Avenue. The West Wing and Oval Office are part of this house, which is the official residence of the U.S. president.
ANSWER: **White** House
2. The back side of the $50 bill depicts this building. Congress meets in this building, which was visited by many Donald Trump supporters on January 6, 2021.
ANSWER: United States **Capitol** [or **Capitol** Building]
3. The reverse of the $5 bill features this landmark, which includes a large statue of its namesake president. MLK gave his "I Have a Dream" speech on the steps of this landmark.
ANSWER: **Lincoln Memorial**
<General Knowledge>

4. The main character of this book is helped by Fern Arable and a rat he has to bribe with food named (*) Templeton. What book by E.B. White follows Wilbur the pig's relationship with a spider?
ANSWER: ***Charlotte's Web*** <Literature>

4. Answer the following about drawing from a bag that contains 3 purple marbles and 7 orange marbles.
1. What is the probability that you will draw a green marble?
ANSWER: **0** [or **0%**]
2. What is the probability that you will draw an orange marble?
ANSWER: **7/10** [or **70%**; or 0**.7**]
3. If you draw one purple marble, then don't put it back, then draw another marble, what is the probability that the second one is purple?
ANSWER: **2/9**
<Computational Math>

5. Pinkfong received a play button based on this song for reaching 50 million subscribers. This children's song with hand movements has verses centering on (*) Mommy, Daddy, Grandma, and Grandpa. What song mentions the title sea creature followed by the phrase "doo doo doo doo doo doo?"
ANSWER: "**Baby Shark**" <Pop Culture>

5. Name these companies that are part of a stock market index called the Dow Jones:
1. This company's namesake streaming service can be used to watch MCU, Pixar, and *Star Wars* movies. This company, which owns several theme parks near Orlando, has the stock symbol DIS ("D-I-S").
ANSWER: **Disney** [or The Walt **Disney** Company; accept **Disney+**]
2. Ray Kroc was a founder of this fast food chain that sells Happy Meals and has the Golden Arches as its logo.
ANSWER: **McDonald's** Corporation
3. Arthur Blank co-founded this Atlanta-based company. Lowe's is the main competitor of this company, whose stencil logo is white and bright orange.
ANSWER: The **Home Depot**, Inc.
<General Knowledge>

6. This number is the smallest perfect number. A pie cut into this number of equal portions would be split into sections of sixty degrees. This number is the result of multiplying the two smallest (*) prime numbers, two and three. Name this number equal to three plus three.
ANSWER: **six** <Science>

6. Answer the following about the War of 1812:
1. The United States fought this country during the War of 1812. Earlier, the US won its independence from this country.
ANSWER: **Great Britain** [Accept **United Kingdom** or **England**]
2. This structure was burned down by British troops during the war. First Lady Dolly Madison saved important documents and a portrait from this building.
ANSWER: **White House**
3. This person wrote the Star Spangled Banner after witnessing the failed British attack on Fort McHenry.
ANSWER: Francis Scott **Key**
<History>

7. "Runs" on these places can lead to their collapse if depositors lose confidence in their solubility. (*) JPMorgan ("J-P-Morgan") and WellsFargo are types of what businesses?
ANSWER: **bank**s <General Knowledge>

7. Answer the following about a kind of book:
1. In what books do people record daily events?
ANSWER: **diaries** [or **diary**; accept **journal**s]
2. This Jewish girl kept a diary while hiding in an attic in Amsterdam during the Holocaust.
ANSWER: Anne **Frank** [or Annelies Marie **Frank**]
3. This is the first name of the title character in Jeff Kinney's *Diary of a Wimpy Kid* series.
ANSWER: **Greg** Heffley [or **Gregory** Heffley; prompt on Heffley]
<Literature>

8. This woman wrote the "My Day" newspaper column, and served as chair of the UN Commission that drafted the (*) Universal Declaration of Human Rights. What first lady was married to FDR?
ANSWER: Eleanor **Roosevelt** [or Anna Eleanor **Roosevelt**] <History>

8. Answer the following about the largest South American country:
1. This largest South American country is home to the cities of São Paulo and Rio de Janeiro. People speak Portuguese in this home country of the soccer players Pelé ("PAY-LAY"), Ronaldinho, and Neymar.
ANSWER: Federative Republic of **Brazil** [or **Brasil**]
2. This huge river flows through most of western Brazil, including through its city of Manaus ("mah-NOWCE"). Deforestation is harming this river's humongous rainforest, the biggest in the world.
ANSWER: **Amazon** River [accept **Amazon** Rainforest or **Amazon** Jungle; accept **Amazon**ia]
3. This big beautiful bird lives throughout the Amazon Rainforest, where it eats bugs and fruits. The largest of these birds has a giant orange beak that ends with a black spot.
ANSWER: **toucan** ("too-can") [accept toco **toucan**]
<Geography>

9. This character teaches secret lessons in the Room of Requirement. This character lives under the stairs of the (*) Dursley family before learning he's a wizard on his 11th birthday. Who attends Hogwarts and defeats Voldemort?
ANSWER: Harry **Potter** [or **Harry** Potter] <Literature>

9. Answer the following about PBS shows:
1. On a PBS show titled for these creatures, the protagonist Buddy time travels on a train to the Triassic, Jurassic, and Cretaceous periods. Buddy meets many examples of these creatures, including the triceratops.
ANSWER: **dinosaur**s [accept ***Dinosaur Train***]
2. This PBS show teaches children various subjects with characters such as Cookie Monster and Elmo.
ANSWER: ***Sesame Street***
3. The main characters of *Super Why!* often solve their problems by collecting "Super Letters" from these kinds of stories. Wonder Red's inspiration comes from one of these stories titled "Little Red Riding Hood."
ANSWER: **fairy tale**s
<Pop Culture>

10. A fashion house from this country made the No. ("number") 5 perfume. The brands Dior and (*) Chanel ("sha-NELL") are from what birthplace of the beret ("BUR-ray"), which hosts a semi-annual fashion week in Paris?
ANSWER: **France** [or **French Republic**; or **République Française**] <Fine Arts>

10. Answer the following about cats in literature:
1. This girl meets the constantly-smiling Cheshire cat in Wonderland in a book by Lewis Carroll.
ANSWER: **Alice** [or ***Alice*** *in Wonderland* or *Alice's Adventures in Wonderland*]
2. This author created a cat who says "I can balance the cup, the book, and the cake on my hat!" He also wrote *The Lorax*.
ANSWER: Dr. **Seuss** [or Theodor Seuss **Geisel**]
3. The fog creeps on "little cat feet" in a Carl Sandburg collection titled for this Midwest city, the setting of Upton Sinclair's *The Jungle*.
ANSWER: **Chicago**
<Literature>

11. This member of the Aesir ("AY-seer") hung from a tree for nine days to gain knowledge of the runes. This god sacrificed an (*) eye at Mimir's Well. Name this chief god of the Norse pantheon, the father of Thor.
ANSWER: **Odin** [or **Wotan**] <Mythology>

11. Answer the following about American inventors:
1. The lightning rod was invented by this founding father who also experimented with a kite and lightning.
ANSWER: Benjamin **Franklin**
2. Elisha Gray contested who invented the one device with this Scottish-born American, who is widely recognized as having invented the telephone.
ANSWER: Alexander Graham **Bell**
3. Over 100 inventions are attributed to this black inventor. This inventor is best known for his products made from peanuts and sweet potatoes.
ANSWER: George Washington **Carver**
<History>

12. The logo of the airline Qantas depicts this largest marsupial. Australia is home to what relative of the (*) wallaby that is known for its jumping ability?
ANSWER: **kangaroo**s [accept red **kangaroo**s] <Science>

12. Answer the following about the string orchestra:
1. This instrument is the smallest in the string orchestra and has the highest pitch. Its name is similar to the lower-pitched viola.
ANSWER: **violin**
2. Every instrument in the string orchestra has this many strings. This is also the number of people in a string quartet.
ANSWER: **four**
3. This object is what allows players to play arco, the opposite of using their fingers to pluck. Musicians often rosin this object.
ANSWER: **bow**
<Fine Arts>

13. A pyramid named for this quantity usually inverts as a country develops. The large increase in this quantity compared to (*) food production alarmed Thomas Malthus. What quantity measures the number of people?
ANSWER: **population** [or **population** pyramid] <Social Science>

13. Answer the following about minerals:
1. Gems of this hardest known mineral are the most common choice of stone in wedding rings.
ANSWER: **diamond**
2. Diamond is composed of this element, whose dioxide is a common greenhouse gas.
ANSWER: **carbon** [or **C**; accept **carbon** dioxide or **C**O2]
3. The hardness of minerals is given by this scale named for a German chemist. Talc is one on this scale and diamond is ten.
ANSWER: **Mohs** hardness scale [or **Mohs** scale]
<Science>

14. Parts of these devices include a base, condenser, stage, and adjustment knobs. Prepared slides of plant cells or (*) microorganisms can be viewed with what scientific devices that are used to produce enlarged images?
ANSWER: **microscope**s <Science>

14. Answer the following about the American Revolution:
1. The American Revolution saw the United States gain independence from this country.
ANSWER: **British** Empire [or Great **Britain** or the **UK** or **United Kingdom** or **England**]
2. This man served as George Washington's aide-de-camp from 1777-1781 during the American Revolution. This politician who was born in the Caribbean later served as the first Secretary of the Treasury.
ANSWER: Alexander **Hamilton**
3. Charles Cornwallis surrendered to George Washington at this last major battle of the American Revolution.
ANSWER: Battle of **Yorktown** [or Siege of **Yorktown**]
<History>

15. Pellets made of this substance are called nurdles. Microscopic particles made of this substance can (*) accumulate in the brain. What non-biodegradable substance is often used to make shopping bags?
ANSWER: **plastic** <General Knowledge>

15. Answer the following about chemical elements:
1. This is the lightest chemical element. This element with atomic number 1 has the symbol H.
ANSWER: **hydrogen**
2. The elements are displayed on this table, which orders elements by increasing atomic number.
ANSWER: **periodic** table
3. This element with atomic number 6 is fundamental to life on Earth.
ANSWER: **carbon** [or **C**]
<Science>

16. After surviving one of these events, Pyrrha ("PIR-uh") and Deucalion throw rocks to repopulate the world. The tears of Isis cause a (*) recurring one of these events around the Nile River. What natural disasters involve lots of water?
ANSWER: **flood** <Mythology>

16. Answer the following about Nordic mythological figures in the Marvel Universe.
1. This Norse counterpart of Hades breaks Thor's hammer in *Thor: Ragnarok*. She shares her name with the opposite of the Christian understanding of heaven.
ANSWER: **Hel** [accept **Hel**a]
2. This Norse god of thunder is a member of the Avengers, and wields the hammer Mjölnir ("M'YOHL-neer").
ANSWER: **Thor**
3. While working for Thanos, this trickster god was the main antagonist of the first *Avengers* movie. In Norse myth, he gets in trouble for stealing Sif's hair.
ANSWER: **Loki**
<General Knowledge>

17. A store offers a 20% discount on a jacket that originally cost $80. What is the new (*) price of the jacket after the sale?
ANSWER: $**64** <Computational Math>

17. Answer the following about a six-sided fair die:
1. What is the probability to roll either a 5 or a 6?
ANSWER: **1/3**
2. What is the probability to roll an even number?
ANSWER: **1/2** [or **50%**]
3. If the die is rolled two times and the results are added together, what is the probability to have a sum of 12?
ANSWER: **1/36**
<Computational Math>

18. The deepest part of this body of water is the Challenger Deep in the Mariana Trench. The (*) Ring of Fire surrounds most of this ocean, which contains the islands of Fiji, Samoa, and Hawaii. Name this largest ocean.
ANSWER: **Pacific** Ocean <Geography>

18. Answer the following about debates over food in the northeastern United States:
1. New York serves this food in large foldable slices. The slightly controversial Hawaiian type of this food is topped with ham and pineapple.
ANSWER: **pizza**
2. Residents of Philadelphia argue over whether this sandwich, a local speciality, should be topped with provolone cheese, American cheese, or Cheez Whiz.
ANSWER: Philly **cheesesteak** [or Philadelphia **cheesesteak**; or **steak and cheese**]
3. This seafood soup served throughout the northeast is prepared with a tomato broth in New York, which Maine once attempted to make illegal. Boston's style features a thicker milk base.
ANSWER: **clam chowder** [prompt on partial answers]
<Geography>

19. A cookie recipe calls for 3/4 of a cup of sugar. If Maria wants to make 2/3 of the recipe, (*) how many cups of sugar does she need?
ANSWER: **1/2** cup [or **0.5** cup] <Computational Math>

19. Answer the following about the TV show *Phineas and Ferb*:
1. Most of *Phineas and Ferb* is set during this season, in which they are given time off of school to do their antics. The show's theme song mentions how "there's 104 days of [this season] vacation."
ANSWER: **summer**
2. In the first episode of *Phineas and Ferb*, the title boys build one of these structures around the city. These rides often include loop-de-loops and can be found in amusement parks such as Six Flags.
ANSWER: **roller coaster**s
3. Working against Phineas and Ferb is this character, the sister to Phineas who continuously tries and fails to get the boys busted by exposing their work to her mother. This character often talks about Jeremy to her friend Stacy.
ANSWER: **Candace** Flynn [prompt on Flynn]
<Pop Culture>

20. After the completion of this leader's namesake wars and the Hundred Days Campaign, he was exiled to (*) St. Helena in 1815. The loser at the Battle of Waterloo was what 19th century general who came to power after the French Revolution?
ANSWER: **Napoleon** Bonaparte [or **Napoleon** I; or **Napoleone** Buonaparte] <History>

20. Answer the following about paintings from France:
1. The painting *Paris Street, Rainy Day* features many people holding these objects, which are used to keep people from getting wet in the rain.
ANSWER: **umbrella**s
2. One of these objects in the back of the painting, *A Bar at the Folies-Bergère,* impossibly reflects the image of a man towards the viewer.
ANSWER: **mirror**s
3. One of Eugene Delacroix's paintings features this figure "leading the people." A statue of this figure in America is located in New York Harbor.
ANSWER: **Liberty** [accept The Statue of **Liberty**]
<Fine Arts>

Extras

1. This event, which was revived in 1896, originated in ancient Greece. The swimmer (*) Katie Ledecky and gymnast Simone Biles often win medals at what multi-sport event held every four years?
ANSWER: The **Olympics** [accept Summer **Olympics**] <Pop Culture>

2. This man interprets "writing on the wall" at Belshazzar's Feast. Which prophet and (*) advisor of Nebuchadnezzar survives being thrown into a lion's den?
ANSWER: **Daniel** [accept Book of **Daniel**] <Religion>

3. If the area of a rectangle is 84 square feet and its width is 7 feet, what is its (*) perimeter?
ANSWER: **38** feet <Computational Math>

4. Magical spirits roamed this country during the Dreamtime. Ayers Rock is the former name for Uluru, a mountain sacred to this country's (*) Aboriginal population. What country contains a large outback and the city of Sydney?
ANSWER: **Australia** <Geography>