THE LONG ISLAND QUIZ BOWL ALLIANCE

Ohio Standard Sample

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For more information or to contact us with questions of any kind, please email Alan@liqba.com or call (631)-360-3724, Extension 2.

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Category Round

American Literature:
Identify some American playwrights:
Team A: This author of *The Emperor Jones* wrote another play in which customers at Harry Hope's saloon mourn their "pipe dreams." What American playwright wrote *The Iceman Cometh* and *Long Day's Journey into Night*?
ANSWER: Eugene **O'Neill** <Literature>
Team B: This playwright of *A Bright Room Called Day* was married in Cape Cod to his husband in 2008. This author is more well known for writing a play about the AIDS epidemic titled *Angels in America*.
ANSWER: Tony **Kushner**
Tossup: This author created a character who suddenly cries "Nothing's planted. I don't have a thing in the ground." Another play by this author has Giles Corey ask for "more weight!" as he is executed with stones. What author of The Crucible included Willy Loman's suicide in Death of a Salesman?
ANSWER: Arthur **Miller** [or Arthur Asher **Miller**] <Literature>

Mathematics:
Identify some properties of a set:
Team A: This quantity equals the expectation of x squared minus the square of the expectation of x. What quantity equals the square of the standard deviation and measures the spread of data within a sample?
ANSWER: **variance** [or **Var**] <Science>
Team B: A normal distribution can be completely described by standard deviation and what quantity, whose arithmetic type involves summing all values and dividing by the number of values?
ANSWER: **mean** [accept **average** or **expected value**] <Science>
Tossup: This value, which lies between two similar measures in skewed distributions, appears at the second quantile. For an even number of discrete values, this quantity is found by taking the mean of the two middle values. What measure of central tendency is often reported alongside the mean and the mode?
ANSWER: **median** <Science>

World History:
Identify some founders of modern countries:
Team A: This man signed the Panchsheel treaty with Premier Zhou Enlai to promote peaceful coexistence. What politician founded the Non-Aligned Movement and served as India's first prime minister?
ANSWER: Jawaharlal **Nehru** <History>
Team B: This man and his wife embarked on a Long March to retreat from Chiang Kai Shek's forces. The Little Red Book was compiled by what Chinese politician who led a Cultural Revolution during the 1960s?
ANSWER: **Mao** Zedong <History>
Tossup: This leader outlined the history of his country in a 36-hour speech called the Nutuk. This leader included secularism, statism, and republicanism as three of his "six arrows." This leader decreed that the Latin alphabet replace the Ottoman alphabet. Name this founder of the Turkish Republic.
ANSWER: Mustafa **Kemal** **Ataturk** [accept either] <History>

Fine Arts:
Identify some genres in classical music:
Team A: A work in this genre by Emile Waldteufel is known as "The Skaters." The Ländler preceded this genre whose pieces include *On the Beautiful Blue Danube*. Johann Strauss was the "king" of what genre of dance in triple-meter?
ANSWER: **waltz**es [accept *The Skaters* ***Waltz***] <Fine Arts>
Team B: Albéniz's first published work was a "military" piece in this genre. Most American college fight songs are heavily inspired by J.P. Sousa, the "king" of what pieces?
ANSWER: **marches** [or **marcha**]
Tossup: A piece in this genre based on the lost island of Ys ("eess") is named "The Sunken Cathedral." The flute chromatically descends from C-sharp to G in a piece in this genre inspired by a Stephen Mallarme poem. Claude Debussy wrote a piece in what genre "to the Afternoon of a Faun."
ANSWER: **prelude** <Fine Arts>

Life Science:
Identify some non contagious diseases:
Team A: This disease causes degeneration of both upper and lower motor neurons. The ice bucket challenge raised money for what disease that causes paralysis, which affected Stephen Hawking and Lou Gehring?
ANSWER: **amyotrophic lateral sclerosis** [or **ALS**; accept **Lou Gehrig**'s disease until "Lou Gehrig"; prompt on motor neuron disease] <Science> [ed]
Team B: This disease causes painful crises due to occlusion of blood vessels. Name this disease caused by a mutation in hemoglobin, which causes red blood cells to curve.
ANSWER: **sickle cell** anemia [or **sickle cell** disease or **SCA** or **SCD**; prompt on anemia] <Science> [ed]
Tossup: People with this condition have an early-onset form of Alzheimer's due to an extra copy of amyloid ("AM-uh-loid") precursor protein. This condition, which is more common in children born to older mothers, causes a shortened neck and mild intellectual disability. Name this syndrome caused by an extra copy of chromosome 21.
ANSWER: **Down** syndrome [accept **trisomy 21** before "21"] <Science> [ed]

English/World Literature:
Identify the following countries:
Team A: The remark that "something is rotten" in this country appears in a Shakespeare play set around the castle of Elsinore. A conflict between Norway and what country is discussed in *Hamlet*?
ANSWER: **Denmark** [or *The Tragedy of Hamlet, Prince of **Denmark***] <Literature>
Team B: An author from this country described the housekeeper Emerence in the novel *The Door* and wrote the novel *Abigail*. Magda Szabó hailed from what home country of József Kiss, who wrote the novel *Secrets of Budapest*?
ANSWER: **Hungary** [or **Magyarország**] <Literature>
Tossup: A character created by an author from this country is rescued from the Statue of Liberty by Hamlet and Zarathustra in the novel United States of Banana. Rosaura finds the imprisoned Segismundo in *Life is a Dream*, a play written during this country's Golden Age. Pedro Calderón de la Barca is from what European country?
ANSWER: Kingdom of **Spain** [accept Reino de **España**] <Literature>

US Government/Economics:
Identify some governors:
Team A: This governor, who beat Tudor Dixon to win re-election in 2022, was the subject of a failed kidnapping plot. What woman is the current governor of Michigan?
ANSWER: Gretchen **Whitmer** <Current Events>
Team B: What US politician was given the nickname "Meatball" by Donald Trump during his 2024 presidential campaign and currently serves as the governor of Florida?
ANSWER: Ronald "Ron" **DeSantis** <Current Events> [ed.]
Tossup: While serving as mayor from 2004 to 2011, this man granted marriage licenses to same-sex couples despite a state law prohibiting same-sex marriage. As governor, this man defeated a 2021 recall campaign and proposed a redistricting referendum to counter gerrymandering in Texas. Name this current governor of California.
ANSWER: Gavin **Newsom** <Current Events> [ed. Raaief]

Physical Science:
Identify some concepts in computer science:
Team A: Unicode and ASCII ("ASS-kee") are encodings for this data type, which can be combined using concatenation. Quotations are often used to store what data type that can represent text?
ANSWER: **string** [prompt on characters or text or letters] <Science>
Team B: A "binary search" one of these data structures places lower nodes on the left and higher nodes on the right. Name this data structure, which has root and leaf nodes.
ANSWER: **tree**
Tossup: Problems involving this non-iterative technique can be optimized using memorization or tabulation. When this technique is used, function calls are pushed onto a call stack. Algorithms using this technique have a "base case" to prevent infinite loops. Name this programming technique, where a function makes a call to itself.
ANSWER: **recursion**

World Geography:
Identify some nations located on islands:
Team A: This country, which is separated from its northern neighbor by the Palk Strait, has Sinhalese as one of its official languages. Ceylon was the colonial name for what island country governed from Colombo?
ANSWER: Democratic Socialist Republic of **Sri Lanka** <Geography>
Team B: In this country, an "Islamic Liberation Front" fights in Mindanao. The fast food chain Jollibee and chicken adobo originate from this country. Tagalog is spoken in what country's island of Luzon?
ANSWER: The **Philippines** <Geography>
Tossup: This country's Esplanade building is shaped like a durian. Manmade trees are found in this country's Gardens by the Bay located near the Marina Bay Sands. A small forest and indoor waterfall is located in the Jewel, part of this country's Changi Airport. Name this island nation south of Malaysia.
ANSWER: **Singapore** <Geography>

US History:
Identify the following American Civil War battles:
Team A: After Robert E. Lee's loss at this battle, Abraham Lincoln issued the Emancipation Proclamation. What battle was the bloodiest one day engagement of the Civil War?
ANSWER: Battle of **Antietam** <History>
Team B: During this battle, a famous shot was fired by Union general Abner Doubleday. P.G.T. Beauregard's bombardment of a namesake fort in South Carolina at this battle led to the outbreak of the Civil War in 1861?
ANSWER: Battle of **Fort Sumter** < American History >
Tossup: After this battle, Wilmer McLean's family fled their farm to Appomattox Court House. Thomas Jackson was given the nickname "Stonewall" by Barnard Bee at this battle, where Irvin McDowell's defeat led to his replacement by George McClellan. Many Americans traveled to watch what first major Civil War battle in 1861?
ANSWER: **First** Battle of **Bull Run** [or **First** Battle of **Manassas**; prompt on Bull Run or Manassas] < Virginia History >

Alphabet Round

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Each of the following begins with the letter B. Assume that we are asking for the surname of figures unless explicitly stated otherwise.

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3. Country that is the birthplace of Bossa Nova. This country boasts the 2nd largest national mangrove cover, just behind Indonesia
4. Chemical element with symbol B. This element with atomic number 5 is the lightest in group 13
5. Scottish-Canadian inventor who invented the telephone and co-founded the American Telephone and Telegraph Company
6. Author of *Fahrenheit 451* and the short story "The Veldt". He also wrote the novel *Something Wicked This Way Comes*
7. Shooting guard who plays for the Phoenix Suns as of May 2025. He won the gold medal in men's basketball at the 2024 Paris Olympics, starting in the final
8. Italian artist known for *The Birth of Venus* and *Primavera*
9. European city that was the target of a blockade imposed by the USSR in the late 1940s. This city was also the subject of "Operation Vittles," a famous airlift
10. Rainbow Bridge connecting Asgard, the realm of the Norse gods, to Midgard.
11. Official language of Bangladesh
12. Dante's muse who inspired his *La Vita Nuova.* She appears in Dante's *Paradiso.* (Note: Give the first name only)
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15. Heavy subatomic particles that consist of three quarks
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17. 1704 battle in which the French army was defeated by the Duke of Marlborough and Eugene of Savoy. It was a turning point in the War of the Spanish Succession
18. English polymath who is known for inventing the first mechanical computer.
19. Composer of the opera *Prince Igor* and the symphonic poem *In the Steppes of Central Asia*. He was part of the "The Five"
20. Capital city of Belize. The National Assembly Building of Belize, which is found in this city, was designed to resemble a Pre-Columbian Mayan temple

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Team A Answer Sheet

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Team B Answersheet

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Alphabet Round Questions/Answers

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1. **Belle**
2. **Black Death**
3. **Brazil**
4. **Boron**
5. Alexander Graham **Bell**
6. Ray **Bradbury**
7. Devin **Booker**
8. Sandro **Botticelli**
9. **Berlin**
10. **Bifröst**
11. **Bengali** [accept **Bangla**]
12. **Beatrice** [accept **Bice**]
13. Mikhail **Bulgakov**
14. **Bellerophon**
15. **Baryon**
16. Brigitte **Bardot**
17. Battle of **Blenheim**
18. Charles **Babbage**
19. Alexander **Borodin**
20. **Belmopan**

Final Round

1. This monarch was taught Hindustani by the "Munshi" Abdul Karim. John Conroy helped spur this monarch's education by designing the Kensington System. Robert Peel resigned under this monarch following the Bedchamber crisis. Rival prime ministers William Gladstone and Benjamin Disraeli served under this monarch. What wife of Albert ruled Britain for much of the 19th century?
   ANSWER: Queen **Victoria** <History>

2. While studying this effect, Latané ("LAH-tah-nay") and Darley filled a room with smoke and told confederates to remain calm. This effect, which is caused by a diffusion of responsibility, was exemplified by the Kitty Genovese case. Name this effect in which people are less likely to provide help while in large groups.
   ANSWER: **bystander** effect [ed, NS] <Social Science>

3. The protagonist of this novel quotes *Cymbeline* and first appeared in *The Voyage Out*. Another character in this work hallucinates his dead friend Evans and is taken by his wife Lucrezia to see Dr. Bradshaw. The title character of this novel recalls kissing Sally Seton and learns of the suicide of Septimus Smith. What novel about Clarissa's party was written by Virginia Woolf?
   ANSWER: ***Mrs. Dalloway*** <Literature>

4. In this book, women who committed adultery are forced to undergo the ordeal of the bitter water, which is a possible reference to abortion. Israelites in this book reject entering Canaan ("KAY-nin") despite it flowing with milk and honey, according to Caleb and Joshua. Two censuses of the Israelites appear in what fourth book of the Bible?
   ANSWER: Book of **Numbers** [or **Bemidbar** or **Arithmoi**] <Religion>'

5. In some plants, these structures are dispersed using achenes ("AY-keens"). A process found in these structures involves the formation of a radicle. The venation of nearly all plants is determined by whether this structure contains more than one cotyledon ("KAH-tul-EE-dun"). What plant structure is found in fruits and contains an embryo?
   ANSWER: **seed**s <Science>

6. "Bos-" and "West-" title regional competitions for these things, whose national ACPT competition was most recently won by a creator of these things named Paolo Pasco. The *New York Times* explains "tricky" sections of these things in their Wordplay Column. *NYT* publishes daily regular- and mini-sized versions of what puzzles, which players solve by reading clues and filling words into a grid?
   ANSWER: **crossword** puzzles [or **crossword**s] <General Knowledge>

7. Paul Durand-Ruel commissioned a set of three paintings by this artist that include *Dance at Bougival*. Couples dance under white lamps in this artist's work *Dance at Le Moulin de la Galette*. Gustave Caillebotte appears wearing a straw hat under a red and white-striped awning in what artist's painting *Luncheon of the Boating Party*?
   ANSWER: Pierre-Auguste **Renoir** <Fine Arts>

8. This constant can be expressed using activity coefficients or fugacity for non-ideal systems. This constant is related to Gibbs free energy and is defined by the law of mass action, which helps predict shifts via Le Chatelier's principle. What value symbolized K is often compared to the reaction quotient Q to determine a reaction's spontaneity.
   ANSWER: **equilibrium constant** <Science>

9. A character born in this country writes a blog called Raceteenth. An author born in this country wrote the 2025 novel Dream Count and had her TED Talk “We Should All Be Feminists” sampled by Beyoncé. The author of Americanah, Chimamanda Adichie (“chim-uh-MAN-dah ah-DEE-chee-ay”), was born in what African country?
ANSWER: **Nigeria** <Literature>

10. A son of Xanthipus, this ruler drafted sanctions in the Megarian Decree. This man successfully prosecuted Cimon, and he ordered the construction of the Parthenon before his death from a plague. The post-Peloponnesian War “Funeral Oration” was given by what statesman who led Athens during its Golden State?
ANSWER: **Pericles** <History>

11. Madhava of Sangamagrama found that some functions in this field of math have infinite series representations. Hipparchus is known as the "father of” both astronomy and this field of math. The mnemonic (“neh-MON-ick”) SOHCAHTOA ("soh-kah-TOH-ah”) is used to remember functions in what field of math that often involves cosecant and sine?
ANSWER: **trig**onometry [prompt on geometry] <Science>

12. This American city’s “Shanghai tunnels” led it to be called the Forbidden City of the West. The company Nike is based in this city’s suburb of Beaverton. This city’s name was chosen by Maine native Francis Pettygrove after a coin toss. What city, nicknamed “Rose City” and “PDX”, is the most populous in Oregon?
ANSWER: **Portland** <Geography>

13. In 2024, a party in this country that promoted the Global War Party conspiracy theory claimed victory prompting the United States to pass the MEGOBARI Act. A namesake charter was created by this country's first female president to unite the opposition against the pro-Russian "Dream" party. What country currently led by Irakli Kobakhidze has its capital in Tbilisi?
ANSWER: **Georgia**

14. Due to his creation of one of these objects, Vulcan is described as being “not unversed in prophecy” in an ekphrasis from book 8 of the Aeneid. One of these objects depicts a peaceful city where a wedding is occurring next to a city where a battle is occurring. Name these defensive objects, which are often paired with spears in a phalanx formation.
ANSWER: **Shield**s

15. This man is the attributed composer of the Lilliburlero march, and this composer left his opera *The Indian Queen* unfinished. His incidental music to *Abdelazer* was quoted in a theme from Britten’s *The Young Person’s Guide to the Orchestra*. This composer wrote the aria “When I am laid in earth” for an opera about a Carthaginian queen. Name this English composer of *Dido and Aeneas*.
ANSWER: Henry **Purcell** <Fine Arts>

16. This ruler killed ninety-nine of his brothers including Susima in order to gain power. This ruler built a torture chamber called his “hell” that looked like a palace and later built rock edicts denouncing violence. Identify this Mauryan ruler who converted to Buddhism after the violent Kalinga War.
ANSWER: **Ashoka** the Great [accept **Ashoka** Maurya] <History>

17. In an 1898 novella by this author, a boy is expelled because he “said things,” although he doesn’t remember what he said. A governess tries to shield her charge from the ghost of Peter Quint in that novella by this author, who also wrote about the heiress Isabel Archer. Name this author of *The Turn of the Screw* and *Portrait of a Lady*.
ANSWER: Henry **James** <Literature>

18. This phenomenon is explained by Lenz's law and creates eddy currents in conductors. It forms the basis for transformers and generators, producing an electromotive force. Name this process, discovered by Faraday in 1831, that generates voltage from a changing magnetic flux.
ANSWER: **Electromagnetic induction** <Science>

19. This character tells a former servant "I will cut off my hand before I’ll ever reach for you again." This character "is the villain" in the title of a Kimberly Belflower play. This character forgets about adultery while listing the Ten Commandments. During the Salem Witch Trials, what character's wife Elizabeth is accused by Abigail in Arthur Miller's play *The Crucible*?
ANSWER: **John Proctor** [accept either] <Literature>

20. Late in her life, this woman served as an administrative assistant to Detroit congressman John Conyers. A pregnant Claudette Colvin replicated an earlier, similar action to this woman, who was ordered to move seats by James Blake. What woman was arrested in 1955, sparking the Montgomery Bus Boycott?
ANSWER: Rosa **Parks** <History>