



THE LONG ISLAND QUIZ BOWL ALLIANCE

Question Set #1 Sample

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Quarter 1

1. Which President's tenure saw the establishment of Medicare as part of his "Great Society" program as well as the passing of the 1964 Civil Rights Act?

ANSWER: Lyndon Baines Johnson (prompt on Johnson alone, accept abbreviations like LBJ) <American History, RW>

2. In what state did a pastor at the Ebenezer Baptist Church defeat Kelly Loeffler in a 2021 special election and Herschel Walker in a 2022 runoff election?

ANSWER: Georgia <American Current Events, AG>

3. Ruminants possess several of what organ, which expels chyme into the intestines and breaks down food using enzymes and hydrochloric acid?

ANSWER: stomach <Biology, RW>

4. This man's son Ham was cursed after seeing him naked. A rainbow symbolized God's covenant with what man, who saved mankind from extinction with his Ark?

ANSWER: Noah <Religion, JA>

5. What German economist and philosopher outlined how one coat equaled twenty yards of linen and described how the exploitation of surplus labor drives capitalism in *Das Kapital*?

ANSWER: Karl Marx <Social Science, RW>

6. The collection *The Seashell Game* contains 30 paired poems of this type, which traditionally contain kireji, or cutting words. What type of poem, like one by Basho depicting a frog jumping into a pond, follows a 5-7-5 syllable scheme?

ANSWER: haikus <World Literature, EP>

7. What NBA team plays home games at Chase Center, won against the Boston Celtics in the 2022 Finals, and is led by prolific three-point shooters Klay Thompson and Stephen Curry in San Francisco, California.

ANSWER: Golden State Warriors <Sports, YM>

8. What is the nearest integer to the square root of 700, given that 700's closest perfect square is 676?

ANSWER: 26 ($\sqrt{676} = 26$) <Computational, AG>

9. This painting depicts a screaming woman surrounded by flames. What painting depicting the bombing of its namesake city was painted by Pablo Picasso during the Spanish Civil War?

ANSWER: **Guernica** <Visual Fine Arts, RW>

10. What geographical feature populated by the native Berber people lies north of the Sahel Region and is the largest hot desert on Earth?

ANSWER: **Sahara** Desert <World Geography, RW>

11. This play's protagonist is hanged after being betrayed by Mary Warren. What commentary on McCarthyism was written by Arthur Miller and follows John Proctor's experiences in the Salem Witch Trials?

ANSWER: The **Crucible** <American Literature, RW>

12. What empire was the site of La Noche Triste, the aid of La Malinche, and the capture of Moctezuma II by Spanish conquistadors led by Hernan Cortes?

ANSWER: the **Aztec** empire <World History, AB>

13. What quantity is related to flow velocity by Bernoulli's principle, kept constant in isobaric processes, and is equal to force over area?

ANSWER: **pressure** <Physics, AB>

14. Meals from this region are traditionally served with banchan. The seasonings gochugaru and gochujang are used in the cuisine of what Asian peninsula, the origin of kimchi?

ANSWER: **Korea** <General Knowledge, JA>

Quarter 2:

Tossups:

1. This monarch had her marriage with Louis VII annulled before marrying Henry II of the Plantagenets shortly afterward. This monarch acted as regent of the Angevin Empire while her son went on the Third Crusade. Name this duchess of Aquitaine, the mother of Richard the Lionheart.

ANSWER: **Eleanor of Aquitaine** (accept just **Eleanor** after “Aquitaine” is mentioned) <European History, AB>

2. This author wrote a work in which he ascends a mountain with seven terraces, and in another work he is flown down a cliff by Geryon with his guide Virgil. He later comes across Limbo, the first circle of hell. Name this author who wrote Inferno, part of his Divine Comedy.

ANSWER: **Dante Alighieri** (accept either underlined name) <European Literature, EP>

3. A flight attendant working for this company was allegedly offered a horse and was paid \$250,000 to not speak out against its CEO. Doug Hurley and Bob Behnken were aboard the “Crew Dragon” capsule on this company’s Demo-2 mission to the ISS. The Falcon 9 rocket is made by what Elon Musk company?

ANSWER: **SpaceX** (or **Space Exploration Technologies Corp**) <Current Events, AG>

4. This compound’s concentration is plotted on the Keeling curve. Ocean acidification is caused by this compound’s dissolution in water, producing carbonic acid. This compound is “captured” in a solution to global warming. What organic compound, produced in combustion reactions has formula CO₂?

ANSWER: **carbon dioxide** (accept **CO₂** before “CO₂”) <Chemistry, AG>

5. The C&O canal runs along this river, which is passed over by the Francis Scott Key and Theodore Roosevelt bridges. Ronald Reagan National airport lies on this river, whose north branch originates in West Virginia. Name this river that empties into Chesapeake Bay that Washington D.C. lies on.

ANSWER: the **Potomac** River <Geography, BF>

6. This god accidentally caught an enemy with ox head bait while fishing. This god drives a chariot pulled by two reincarnating goats. This god’s signature weapon requires two gauntlets to use due to an overly short handle. Name this wielder of Mjolnir [myawl-nir] and brother of Loki, the Norse god of thunder.

ANSWER: **Thor** <Mythology, EP>

7. This character kills his nephew in a car accident and leads the DiMeo Crime Family. His final appearance in his namesake show sees him looking up before the screen cuts to black. Name this fictional crime boss played by James Gandolfini who enjoys capocollo and seeks therapy from Jennifer Melfi.

ANSWER: **Tony Soprano** <Entertainment, RW>

8. One depiction of this figure made out of a damaged block of marble was placed at the Palazzo Vecchio’s entrance. Another depiction of this figure made of bronze shows him nude with his foot on a vanquished enemy's head. Name this slayer of Goliath depicted by both Donatello and Michelangelo.

ANSWER: **David** <Visual Arts, EP>

9. This store names a psychological effect relating to cognitive dissonance due to its sales model, which takes advantage of effort justification. This European store's exterior is typically blue with yellow accents, its nation’s colors. Name this Swedish company known for its Do-It-Yourself furniture.

ANSWER: **IKEA** <General Knowledge, BF>

Bonuses:

Concerning a certain revolution in 1910:

1. This country saw a decade-long revolution following the resignation of Porfirio Diaz in the Treaty of Ciudad Juarez.

ANSWER: **Mexico**

2. This American General of the Armies invaded Mexico in the Punitive Expedition and led the US intervention in World War 1.

ANSWER: John J. **Pershing**

3. This revolutionary general led the Division of the North against the Punitive Expedition, and led a Constitutionalist uprising against Victoriano Huerta.

ANSWER: Francisco “Pancho” **Villa**

4. This man who was overthrown and murdered by Victoriano Huerta in the Ten Tragic Days kickstarted the Mexican Revolution by himself overthrowing Porfirio Diaz in 1910.

ANSWER: Francisco I. **Madero** <World History, RW>

Answer the following about the works of J.D. Salinger.

1. Salinger is best known for writing this novel about Holden Caulfield, who becomes fed up with “phonies” after being expelled from Pencey Prep.

ANSWER: **The Catcher in the Rye**

2. Many of Salinger’s short stories, such as one about the recently-discharged Seymour Glass, were inspired by his experiences in this war. The memoir *If This is a Man* describes experiences in this war.

ANSWER: **World War II**

3. Seymour Glass shoots himself after searching for these animals with Sybil Carpenter. These animals die after gorging themselves on their namesake fruit and becoming too large to escape their feeding holes.

ANSWER: **bananafish**

4. In another Salinger story, Sergeant X is lifted from a post-V-E-Day depressive stupor by a letter from this character. Because this character “prefers stories about squalor,” X writes her a story “with love and squalor.”

ANSWER: **Esmé** <American Literature, JA>

1. Chocolate, coffee, and tea themed dances appear in a section of this ballet set in the Land of the Sweets. This ballet by Pyotr Tchaikovsky features Clara, who receives the title character as a gift from Drosselmeyer.

ANSWER: **The Nutcracker**

2. Perhaps the most famous piece from The Nutcracker is the “Dance of [this character],” a virtuosic solo for this ruler of the Land of the Sweets.

ANSWER: the **Sugar Plum Fairy**

3. The Nutcracker leads an army of tin and gingerbread soldiers against this character, whose army eats the gingerbread soldiers. Clara throws her slipper to distract this character, allowing the Nutcracker to stab him.

ANSWER: the **Mouse King**

4. This instrument features prominently in the Dance of the Sugar Plum Fairy. This unusual keyboard instrument makes a sound similar to the glockenspiel.

ANSWER: **celesta** <Other Fine Arts, JA>

Answer the following about “False” bodies of water.

1. False Hook Channel is located in this state, south of New York’s Long Island. This state also includes Newark.

ANSWER: **New Jersey**

2. False Lake is located in the Southland region of this country’s South Island, which is connected to cities like Wellington on the North Island by ferry.

ANSWER: **New Zealand** [or **Aotearoa**]

3. False Bay in this country is named as such because sailors confused it with Table Bay when traversing the Cape of Good Hope.

ANSWER: **South Africa** [or **Republic of South Africa** or **RSA**]

4. The False River in Louisiana is not a river, but one of these lakes. These lakes are formed when the meander of a river is cut off, and they may be called billabongs in Australia.

ANSWER: **oxbow** lakes <World Geography, AG>

Astronomy has a lot of units of distance.

1. This unit is about 9.46 trillion kilometers and is not a unit of time despite there being a unit of time in its name.

ANSWER: the **light-year**

2. This unit is the distance from the Earth to the SUN, or approximately 150 million kilometers.

ANSWER: the **astronomical unit**

3. The distance to far away galaxies is measured in this phenomenon, the increase in wavelength and decrease in frequency due to a change in distance.

ANSWER: **redshift** (prompt on **Doppler effect**)

4. This unit is about 30.9 trillion kilometers and is based on parallax. It was classically calculated by measuring the angle of a star in the sky at different time intervals and then using trigonometry to calculate the star’s distance.

ANSWER: the **parsec** <Astronomy, AB>

Quarter 3:

The categories are: Richard Nixon's Presidency, Eating in Poetry, The Eukaryotic Cell, and Counties Named After Thomas Jefferson

CATEGORY: Richard Nixon's Presidency

Concerning the presidency of Richard Nixon, name the:

1. Scandal which brought down his presidency in which he ordered the Saturday Night Massacre and proclaimed that he was "not a crook."

ANSWER: **Watergate** Scandal

2. His successor, who pardoned him after his resignation and led a campaign to "Whip Inflation Now."

ANSWER: Gerald Rudolph **Ford** Jr.

3. War which his administration withdrew from in a "peace with honor."

ANSWER: **Vietnam** War (accept **Second Indochina** War)

4. Country where his administration established diplomatic relations following a period of "ping-pong diplomacy."

ANSWER: People's Republic of **China**

5. Election which he won in a landslide against pacifist candidate George McGovern.

ANSWER: **1972** US Presidential Election

5. Secretary of State who pioneered the policy of detente with the Soviet Union and supported Pakistan during the Bangladesh Liberation War.

ANSWER: Henry **Kissinger**

6. Executive agency established by Reorganization Plan No. 3 and funded by the "Superfund."

ANSWER: **E**nvironmental **P**rotection **A**gency

7. Campaign which was described by Michelle Alexander as being a "New Jim Crow."

ANSWER: **War on Drugs**

8. President of Chile who was overthrown and replaced by Augusto Pinochet in a 1973 coup supported by Nixon's administration.

ANSWER: Salvador **Allende** Gossens

9. Law signed by Nixon which outlawed gender-based discrimination in public education.

ANSWER: **Title IX**

10: Global economic system which collapsed following the abolition of the Gold Standard in the "Nixon shock."

ANSWER: **Bretton Woods** System <American History, RW>

CATEGORY: Eating in Poetry

Poets love to eat as much as the rest of us. Name the:

1. Poet who wrote of a Walrus and Carpenter enjoying “a loaf of bread” in his novel *Through the Looking-Glass*, the sequel to his *Alice’s Adventures in Wonderland*.

ANSWER: Lewis **Carroll**

2. Poet who apologizes for spilling ham and eggs on a mattress in *Sorry I Spilled It*, and also wrote *The Giving Tree* and *Where the Sidewalk Ends*.

ANSWER: Shel **Silverstein**

3. Poet who called fame a fickle food and also wrote *Hope is the thing with feathers*.

ANSWER: Emily **Dickinson**

4. Poet who wrote of being tired *After Apple-Picking*, and recited *The Gift Outright* at the inauguration of John F. Kennedy.

ANSWER: Robert **Frost**

5. Poet who makes the odd dietary decision to “eat men like air” in her poem *Lady Lazarus*, and who also wrote *Daddy*.

ANSWER: Sylvia **Plath**

6. Poet who included odes to a tuna in the supermarket and to an onion in his *Elemental Odes*.

ANSWER: Pablo **Neruda**

7. Poem in which the narrator apologizes for eating some plums that his friend had been saving in an icebox.

ANSWER: **This is Just to Say**

8. Dessert that the “roller of big cigars” is called in to make in a Wallace Stevens poem about the “Emperor” of it.

ANSWER: **ice cream**

9. Character who asks “do I dare to eat a peach?” and claims “I am not Prince Hamlet, nor was meant to be” in his “Love Song.”

ANSWER: **J. Alfred Prufrock**

10. Poet that the narrator finds “down by the watermelons” in Allen Ginsberg’s *A Supermarket in California*.

ANSWER: Federico Garcia **Lorca** <Loosely-American Literature, JA>

CATEGORY: The Eukaryotic Cell

Answer the following about a eukaryotic cell. Name this:

1. Organelle that houses the cell's DNA.

ANSWER: nucleus

2. Process of cellular division preceded by interphase.

ANSWER: mitosis

3. Diffusion of water across a cellular membrane to maintain turgor pressure.

ANSWER: osmosis

4. Structure in the cytoplasm that maintains the cell's shape.

ANSWER: cytoskeleton

5. Number of chromosomes in a typical cell.

ANSWER: 46 chromosomes [accept 23 pairs]

6. 1952 experiment that aimed to explain the chemical origin of life.

ANSWER: Miller-Urey experiment [accept in either order]

7. Ability for a cell to move by expending energy.

ANSWER: motility

8. Color typically seen in xanthophyll pigments which helps synthesis and storage in cells.

ANSWER: yellow

9. Word that describes the nature of replicated DNA within a cell.

ANSWER: semiconservative

10. Scientist who coined the word "cell" in his book *Micrographia*.

ANSWER: Robert Hooke <Biology, YM>

CATEGORY: Counties Named After Thomas Jefferson

Answer the following about counties named after Thomas Jefferson. Name:

1. This state, whose Jefferson County contains the highest percentage of its Black population. Paul Quinn College and St. Philip's College are historic Black colleges in this state's cities of Dallas and San Antonio.

ANSWER: **Texas**

2. This river, where residents of Missouri's Jefferson County can row. The Missouri River splits off from this river north of St. Louis.

ANSWER: **Mississippi** River

3. This state, where Jefferson County is home to its largest city, Louisville.

ANSWER: **Kentucky**

4. This city, which is located in Jefferson County, Alabama. This city and Montgomery are connected by Interstate 65.

ANSWER: **Birmingham**, Alabama

5. This lake, on which Jefferson County, New York sits. Kingston and Toronto, cities in this lake's namesake Canadian province, are on its shores.

ANSWER: Lake **Ontario**

6. This state capital, whose micropolitan area contains Jefferson County, Montana.

ANSWER: **Helena**, Montana

7. This estate of Thomas Jefferson, which names the county seat of Jefferson County, Florida. The nickel features this location in Charlottesville, Virginia.

ANSWER: **Monticello** [accept **Monticello**, Florida]

8. These county-equivalent divisions in Louisiana, one of which is named after Thomas Jefferson.

ANSWER: **parish** [or **parishes** or other word forms]

9. This state, which is home to Jefferson County near its city of Knoxville.

ANSWER: **Tennessee**

10. These locations, one of which is made of red rocks in Jefferson County, Colorado. Vespasian built the largest one of these in Rome.

ANSWER: **amphitheaters** [accept **Colosseum** or Flavian's **Amphitheater**] <US Geography, AG>

Quarter 4

1. This leader encouraged the Hundred Flowers Campaign before enacting an “anti-Rightist” political purge in his country, in which he overthrew Chiang Kai-Shek and established a People’s Republic led from Beijing.

ANSWER: **Mao** Zedong <World History, RW>

2. These people were described as “debtors of the ages” by the co-author of *The Races of Mankind*. Which people’s “shame culture” was contrasted with Korean “guilt culture” in *The Chrysanthemum and the Sword*?

ANSWER: **Japanese** people <Social Science, RW>

3. What country is the setting of both a Naguib Mahfouz trilogy including the novels *Palace of Desire* and *Palace Walk* as well as an Agatha Christie novel about “Death on” one of its rivers?

ANSWER: **Egypt** [or Arab Republic of **Egypt** or Jumhuriyat **Misr** al-Arabiyyah] <World Literature, AG>

4. What lab process with high-temperature denaturing, annealing, and extending steps uses *Taq* polymerase to drastically amplify small pieces of DNA?

ANSWER: **p**olymerase **c**hain **r**eaction <Biology, AB>

5. What university features the I.M. Pei-designed Green Building, Stata Center, Kresge Auditorium, and namesake Chapel on its Cambridge, Massachusetts campus?

ANSWER: **Massachusetts Institute of Technology** [accept **MIT**] <Other Fine Arts, AG>

6. Name this sect opposed to Abu Bakr’s succession to Muhammad which recognizes Ali as the First Imam and is the majority religion of Iran and Iraq.

ANSWER: **Shi’a** Islam (accept **Shi’ite** or **Shi’ism**) <Religion, RW>

7. This man defeated incumbent Claire McKaskill to become his state’s junior senator. Which Missouri Senator raised his fist outside of the US Capitol on January 6th in solidarity with Donald Trump?

ANSWER: Josh **Hawley** <American Current Events, BF>

8. Which Roman Emperor had Apollodorus of Damascus build this emperor's namesake column to celebrate the conquest of Dacia, which was part of this emperor’s campaign that extended the empire to its largest extent?

ANSWER: **Trajan** <Ancient History, AB>

9. What is the length of the hypotenuse of a triangle with legs of lengths 7 and 24, given that the length of the hypotenuse equals the square root of the sums of the squares both of its legs?

ANSWER: **25** ($49+576=625$, $\sqrt{625}=\mathbf{25}$) <Computational, RW>

10. The “defense” type of these strategies include the Dutch and Sicilian. What sequences, those of which that sacrifice material are called gambits, are followed by the middle game and endgame?

ANSWER: **chess openings** [prompt on **openings** by asking “of what game?”] <General Knowledge, JA>

11. A region for which this body of water is named was conquered after the Battle of Plassey and was led by Siraj ud-Daulah. The Padma River flows into what body of water home to the Andaman Islands?

ANSWER: Bay of **Bengal** (prompt on **Indian Ocean**) <World Geography, RW>

12. What kind of situation, exemplified by Yossarian’s inability to quit his bombardier job, is a paradoxical situation from which an individual cannot escape because of contradictory rules, named for the title of a Joseph Heller novel.

ANSWER: **Catch-22** <American Literature, EP>

13. What type of reaction occurs that at the cathode has a standard potential in electrochemical cells and is the gain of electrons?

ANSWER: **reduction** <Chemistry, AB>

14. This man is currently the CEO of Block and founded a successful social media site that doubled its character limit in 2017 . What man sold Elon Musk Twitter for 44 billion dollars?

ANSWER: Jack Patrick **Dorsey** <Current Events, BF>

15. What trio has released hits such as “Bootylicious” and “Say my Name”, and was headed by Beyonce until its breakup?

ANSWER: **Destiny’s Child** [Do not accept “Beyonce”] <Entertainment, BF>

16. This city’s highest point is located in its region of Coconut Grove. What city, along with neighboring Broward and Palm Beach counties, was devastated in 1992 by hurricane Andrew?

ANSWER: **Miami**, Florida <Geography, BF>

17. This dialect uses markers like the habitual be, gon, and done to indicate tenses. Slang such as hood and finna originated from what English dialect, sometimes referred to as a “blaccent?”

ANSWER: **African American Vernacular** English [or **AAVE**; or **Black Vernacular** English] <General Knowledge, JA>

18. What art movement included paintings of Ecuador’s volcano Cotopaxi by Frederic Edwin Church, and Thomas Cole paintings about its namesake New York river?

ANSWER: **Hudson River** School <Visual Fine Arts, AG>