

# Packet 1

## American Quiz Bowl League — N1

1. **This element's cation [CAT-eye-on] is donated by a Bronsted-Lowry acid, which forms water along with hydroxide. This element has tritium [TRIT-ee-um] and deuterium [doo-TEE-ree-um] isotopes. This element is normally situated above the (\*) alkali [AL-kuh-"lie"] metals on the periodic table, despite existing as a gas in nature. For 10 points, name this simplest element, with atomic symbol H.**

ANSWER: **hydrogen** [accept **H** before mentioned] <Jai>  
<Science — Chemistry>

2. **The frame story of this novel consists of letters involving the Arctic explorer Robert Walton. This novel's title character studies at Ingolstadt [ING-guhl-shtat] before witnessing Henry Clerval's murder. "The (\*) Modern Prometheus" is the subtitle of, for 10 points, what novel about Victor's humanoid monster, written by Mary Shelley?**

ANSWER: **Frankenstein**; or, The Modern Prometheus <Chen>  
<Literature — British>

3. **This tissue mostly consists of a collagen [CALL-uh-jen] matrix containing hydroxyapatite. This tissue comes in cortical and cancellous types. In resorption, osteoclasts [OSS-tee-oh-clasts] break down this tissue for repair. In (\*) osteoporosis [oss-tee-oh-po-ROE-sis], this tissue becomes brittle and weak. For 10 points, name this calcium-containing tissue that makes up the skeleton.**

ANSWER: **bone** <Jai>  
<Science — Biology>

4. **This empire's inhabitants referred to it with a Quechua [KAYCH-wah] term meaning "four parts together." This empire kept records with knotted cords called (\*) quipu [KEE-poo]. Despite ransom rooms of gold and silver, this empire's ruler Atahualpa [atta-WALL-puh] was still killed by Francisco Pizarro. For 10 points, name this pre-Columbian empire in the Andes.**

ANSWER: **Incan** Empire [accept **Tawantinsuyu**] <Bhatt>  
<History — World>

5. **This scientist's book *Opticks* discusses how he refracted light to form a rainbow from a prism. This scientist formulated the principle of inertia [in-UHR-shuh] and the equation (\*) "force equals mass times acceleration," which is the second of his three laws of motion. For 10 points, name this scientist who supposedly devised laws of gravity when an apple fell on his head.**

ANSWER: Isaac **Newton** <Jai>  
<Science — Physics>

6. **This story's main character borrows the horse Gunpowder from Hans von Ripper. The protagonist of this story rivals Brom Bones for the hand of Katrina von Tassel. In its climax, a pumpkin and a hat are spotted after a schoolteacher escapes from the (\*) Headless Horseman. Ichabod [IK-uh-bahd] Crane appears in, for 10 points, what story by Washington Irving?**

ANSWER: "The **Legend of Sleepy Hollow**" <Benti>  
<Literature — American>

7. **This composer’s *Tragic Overture* was paired with a work celebrating an honorary degree from the University of Breslau [BRES-low]. This composer’s C minor first symphony was nicknamed “Beethoven’s tenth.” He composed the *Academic Festival Overture* and a (\*) *German Requiem*.** For 10 points, name this German composer of a namesake lullaby.

ANSWER: Johannes Brahms <Venkateswaran>

<Fine Arts — Great Composers and their Works>

8. **This president’s administration implemented the policy “Don’t Ask, Don’t Tell.” Kenneth Starr investigated this president in the Whitewater scandal. This former Governor of (\*) Arkansas declared that he did not have sexual relations with Monica Lewinsky.** For 10 points, name this former Democratic President married to Hillary Rodham.

ANSWER: Bill Clinton [or William Jefferson Clinton] <Sheidlower>

<History — American>

9. **Three of this planet’s rings are named for the French national motto. This planet’s largest moon, Triton [TRY-tuhn], has a retrograde orbit. Urbain Le Verrier [uhr-BEN luh vair-YAY] discovered this planet (\*) mathematically.** Pluto’s orbit periodically crosses the orbit of this blue planet. For 10 points, name this farthest planet from the Sun, named after the Roman god of the sea.

ANSWER: Neptune <Jai>

<Science — Astronomy>

10. **Martin Luther and Huldrych Zwingli [HUL-drik TSVING-lee] debated whether this ritual involved a “Real Presence.” Transubstantiation occurs during this sacrament, in which certain objects are said to represent the (\*) body and blood of Jesus.** For 10 points, name this sacrament that commemorates the Last Supper, where bread and wine are consumed.

ANSWER: Eucharist [accept Holy Communion; accept the Lord’s Supper] <Prasad>

<Religion — Christianity>

11. **This man called a diver a “pedo guy” after his submarine proposal for the Tham Luang cave rescue was rejected. This man sold flamethrowers from the website of his Boring Company. This man founded X.com, which became (\*) PayPal, and his company Neuralink develops brain nanochips.** For 10 points, name this billionaire who owns SpaceX and Tesla.

ANSWER: Elon Musk <Bowman>

<Current Events — Non-Political/Social>

12. **This politician vetoed the Wade-Davis bill in favor of his Ten Percent Plan. During a failed senate run, he gave the “House Divided” speech and as president, he gave a speech beginning (\*) “four score and seven years ago.” John Wilkes Booth killed, for 10 points, what president who signed the Emancipation Proclamation during the Civil War?**

ANSWER: Abraham Lincoln <Terman>

<History — American>

13. **This city contains the upscale Ginza [GHIN-zuh] shopping district. This city’s namesake Skytree is the second-tallest building in the world. The (\*) Tsukiji fish market is located in this city. This city’s metropolitan area includes Yokohama. This is the largest city on the island of Honshu.** For 10 points, name this largest city in Japan.

ANSWER: Tokyo <Prabhakar>

<Geography — Rest of World>

14. **Harmonic scales of this type raise the seventh degree by a half step, while melodic ones raise the sixth degree as well. The interval between A and C is this kind of third. Beethoven’s fifth symphony is in (\*) C’s key of this type. For 10 points, name this term that contrasts with major in music theory.**

ANSWER: minor <Bowman>  
<Fine Arts — Music Theory>

15. **A parody of “Moves like Jagger” by InTheLittlewood is titled “Screw [this place].” Ancient debris is found deep underground in this place. A recent update added the (\*) Basalt [buh-SALT] Deltas and Warped Forest biomes to this place, which can be accessed using an obsidian portal. For 10 points, name this underworld dimension in Minecraft.**

ANSWER: the Nether <Bowman>  
<Pop Culture — Video Games>

16. **Hulagu [hoo-LAH-goo] Khan led the Mongols to sack this city, where they destroyed the House of Wisdom established by Harun al-Rashid [ha-ROON ah1-ra-SHEED]. This city served as the capital of a caliphate [ka-li-FATE] that succeeded the (\*) Umayyads [u-MAH-yeds]. The Ba’ath [bahth] Party under Saddam Hussein [hu-SAYN] was based in this city. For 10 points, name this capital of the Abbasid [A-buh-sid] Caliphate and modern-day Iraq.**

ANSWER: Baghdad <Sheidlower>  
<History — World>

17. **In this work, Nicholas is branded by Absalom after seducing Alisoun, and a knight attempts to answer the question of what women want most. The Tabard Inn is the setting of this collection in which the Wife of Bath and many pilgrims travel to (\*) Thomas Becket’s shrine. For 10 points, name this collection of tales by Geoffrey Chaucer.**

ANSWER: The Canterbury Tales <Benti>  
<Literature — British>

18. **In 1960, Lúcio Costa and Oscar Niemeyer [NEE-uh-MEYE-ur] designed this country’s new capital. A non-European regime called the Estado Novo [ESS-tah-do NOH-voh] was established in this country under Getúlio [ZHE-too1-yoo] (\*) Vargas. This country was an empire ruled by Pedro I after it won its independence from Portugal. For 10 points, name this South American country once ruled from Rio de Janeiro.**

ANSWER: Republic of Brazil [or República Federativa do Brasil] <Sheidlower>  
<History — World>

19. **Every number with this property is the sum of two primes according to Goldbach’s conjecture. In the Collatz conjecture, numbers with this property are halved. Functions with this property are symmetric about the (\*) y-axis. Two is the only prime with this property. For 10 points, name this property in which a number is divisible by 2, contrasted with odd.**

ANSWER: even <Jai>  
<Science — Mathematics>

20. **A poem about this god’s “Flyting” details his killing of Fimafeng. This god gave birth to the eight-legged horse Sleipnir [SLIPE-neer]. This father of Hel (\*) tricked Hodr into killing Baldr, and he was punished by being fastened to a venomous snake. For 10 points, name this father of Fenrir, a Norse trickster god?**

ANSWER: Loki <L>  
<Mythology — Norse>

TIEBREAKER:

In one painting, this artist added a Japanese footbridge over a garden in Giverny [zhih-vair-NEE], which is the also the setting of this artist's series of *Haystacks*. One painting by this artist depicts the title (\*) phenomenon over the city of Le Havre [luh HAHV-ruh].

For 10 points, name this French founder of the Impressionist movement who painted *Water Lilies*.

ANSWER: Claude Monet [or Oscar-Claude Monet] <Venkateswaran>

<Fine Arts — Painting>