

# Packet 2

## American Quiz Bowl League — N1

1. **This athlete clashed with umpire Carlos Ramos at the 2018 U.S. Open. This athlete is married to Reddit co-founder Alexis Ohanian. This athlete won the 2017 Australian Open while (\*) pregnant with her first child, but lost the 2021 Australian Open to Naomi Osaka [NAY-oh-mee oh-SAH-kuh].** For 10 points, name this tennis player who often plays doubles with her sister Venus.

ANSWER: Serena Williams [do NOT accept or prompt on “Venus Williams”] <Mandavia>

<Pop Culture — Sports>

2. **This artist painted a bathtub with a volcano and a dead woodpecker in *What the Water Gave Me*. This artist was inspired by a miscarriage to paint (\*) *Henry Ford’s Hospital*.** This artist often painted self-portraits with monkeys that emphasized her unibrow. For 10 points, name this Mexican artist who was married to Diego Rivera.

ANSWER: Frida Kahlo <Benti>

<Fine Arts - Painting>

3. **For her work in this subject, Maryam Mirzakhani won the 2014 Fields medal. Terence Tao is a professor of this subject. Knot theory, category theory, and (\*) real analysis are areas within this subject.** Researchers in this subject use techniques like induction in their proofs. For 10 points, name this subject that includes algebra and calculus.

ANSWER: math [or maths; or mathematics] <Bowman>

<Science - Mathematics>

4. **One holder of this position was the first chair of the UN Commission on Human Rights. For supporting temperance, one holder of this position was called “Lemonade (\*) Lucy.”** During the War of 1812, a portrait of George Washington was saved by Dolley Madison, a holder of this position. For 10 points, give this title held by the president’s wife.

ANSWER: First Lady of the United States <Sheidlower>

<History — American>

5. **Eero Saarinen [AIR-oh SAH-rih-nen] designed a chapel for a university in this state that also features Kresge [KREZ-ghee] Auditorium. Logan International Airport is in this state. The Beacon Hill neighborhood is in this state’s capital, which lies on the (\*) Charles River.** Harvard University is in this state. For 10 points, name this state whose capital is Boston.

ANSWER: Commonwealth of Massachusetts <Bowman>

<Geography — North American>

6. **This composer included a *piccolo obbligato* in the trio section of his most famous work. This composer of “The Washington Post” and conductor of the “President’s Own” band invented a namesake (\*) marching tuba.** For 10 points, name this “March King” who wrote the official national march of the United States, “The Stars and Stripes Forever.”

ANSWER: John Philip Sousa <Sheidlower>

<Fine Arts — Great Composers and their Works>

7. **Four questions about this holiday are asked in the song “Ma Nishtanah.” During this holiday, children can demand a reward when they find the hidden afikoman [ahf-ee-KOH-men]. Observers of this holiday eat an (\*) unleavened bread called Matzah. For 10 points, name this Jewish holiday which includes the Seder [SAY-duhr] and marks the Exodus from Egypt.**

ANSWER: Passover [or Pesach; or Pesah; prompt on Seder with “What holiday is the Seder part of?”]  
<Bhatt>  
<Religion — Judaism>

8. **For a pendulum, this quantity is proportional to the square root of little g divided by length. In an electromagnetic wave, this quantity times the wavelength equals the speed of light. This quantity appears to vary to an observer in the (\*) Doppler effect. For 10 points, name this quantity defined as one over period, usually measured in hertz.**

ANSWER: frequency <Prasad>  
<Science - Physics>

9. **The Trump administration broadened religious exemptions to rules requiring that contraceptives be included in these programs. The 2020 Democratic Party presidential debates featured proposals of this type of program (\*) “For All” and “For All Who Want It.” For 10 points, name this type of program that covers medical expenses.**

ANSWER: health insurance [accept Medicare; prompt on health or healthcare with “What type of health program?”; prompt on insurance alone] <Terman>  
<Current Events — US Politics>

10. **In 1946, a Zionist group bombed British administrative headquarters at one of these buildings named for King David. A bombing at one of these buildings in Brighton nearly killed Margaret (\*) Thatcher. The Burj Al Arab in Dubai was once the world’s tallest one of these buildings. For 10 points, name these buildings that provide lodging for guests.**

ANSWER: hotels <Sheidlower>  
<History — Other>

11. **Lilli Vanessa sings “I Hate Men” in a Cole Porter musical inspired by this author in which Fred Graham plays Petruchio [peh-TR00-kee-oh]. This author inspired the musicals *Kiss Me Kate* and (\*) *Two Gentlemen of Verona*. The musical *West Side Story* takes inspiration from the plot of, for 10 points, what British playwright’s *Romeo and Juliet*?**

ANSWER: William Shakespeare <Sheidlower>  
<Fine Arts — Musical Theatre>

12. **One of these events involved an assassination plot by Emma Goldman and Alexander Berkman on Henry Clay Frick. Grover Cleveland sent troops to stop one of these events targeting the (\*) Pullman Company. Following a lockout, one of these events occurred at the Homestead Steel Works. For 10 points, name these events in which workers refuse to work.**

ANSWER: labor strikes <Sheidlower>  
<History — American>

13. **In this novella, three lodgers are entertained by the violin-playing of the protagonist’s sister, Grete [GRET-uh]. This novella’s protagonist eventually dies after his father lodges an apple in his back. At the start of this novella, he discovers his transformation into a giant (\*) insect. For 10 points, name this novella about Gregor Samsa, written by Franz Kafka?**

ANSWER: *The* Metamorphosis [accept *Die* Verwandlung] <Benti>  
<Literature — European>

14. **The shallow diagonals of Pascal’s triangle add up to these numbers. 144 is the largest of these numbers to also be a perfect square. The ratio between these numbers approaches the (\*) golden ratio as they increase.** These numbers begin with 1, 1, 2, 3, 5, and 8. For 10 points, give these numbers that equal the sum of two previous terms in the sequence, named for an Italian mathematician.

ANSWER: **Fibonacci** numbers <Bowman>  
<Science — Mathematics>

15. **In one novel from this country, three friends swear a “Peach Garden” oath in a period named for three kingdoms. In another novel from this country’s Four Great Classics, the Monkey King assists a monk in obtaining Buddhist texts.** (\*) *Journey to the West* was written in, for 10 points, what Asian nation whose literature flourished in the Tang Dynasty?

ANSWER: People’s Republic of **China** [or **Zhonghua** Renmin Gongheguo] <Ganeshan>  
<Literature — World>

16. **Bragg’s law deals with the diffraction of X-rays in these solids. Face-centered cubic and body-centered cubic are patterns in these solids. These solids are contrasted with (\*) amorphous solids, which aren’t periodic.** For 10 points, name these solids that have a repeating lattice of atoms, such as minerals like diamond and quartz.

ANSWER: **crystals** <Bowman>  
<Science — Chemistry>

17. **A seat made of this substance was the sacred throne of the Ashanti [ush-AHN-tee] Empire. William Jennings Bryan gave a famous speech named for a “cross of” this substance. During his pilgrimage to Mecca, (\*) Mansa Musa devalued the price of this metal.** For 10 points, name this precious metal that started numerous “rushes” in places like the Klondike and California.

ANSWER: **gold** <Terman>  
<History — Other>

18. **Scamander almost drowns this leader for filling his river with too many corpses. This leader refuses to fight after the concubine Briseus [bris-AY-is] was taken from him, but is later exacts revenge on (\*) Hector.** This man’s mother dipped him in the river Styx ["sticks"], which made him almost invincible. For 10 points, name this Greek hero whose weakness was his heel.

ANSWER: **Achilles** <Maharjan>  
<Mythology - Greco-Roman>

19. **Vasopressin inserts aquaporins into the collecting duct in this organ. Ions are reabsorbed by the ascending loop of Henle in this organ. The glomerulus in this organ is surrounded by (\*) Bowman’s capsule.** The functional unit of this organ is called a nephron. For 10 points, name these bean-shaped organs that filter blood into urine.

ANSWER: **kidney** [prompt on nephron with “What larger organ is that a part of?”] <Kodali>  
<Science — Biology>

20. **This event was preceded by a bombing attempt carried out by Nedeljko Cabrinovic [kub-REE-noh-vitch]. This event occurred outside of a sandwich shop after the victim’s driver took a wrong turn. This event was perpetrated by a member of the Black Hand, (\*) Gavrilo Princip [guv-REE-loh PRIN-chip].** For 10 points, name this assassination of an Austrian archduke in Sarajevo [sah-rah-YAY-voh] which sparked World War I.

ANSWER: the **assassination** of **Franz Ferdinand** [accept the **death** of **Franz Ferdinand**; prompt on assassination with “The assassination of whom?”] <Terman>  
<History — European>

TIEBREAKER:

**In one novel by this author, the preacher Jim Casy dies a strike. The protagonist of another novel by this author kills Curley's wife, dreams of owning a rabbit farm, and is shot in the head by (\*) George Milton. The Joads migrate to California in his novel *The Grapes of Wrath*. For 10 points, Lennie appears in what author's *Of Mice and Men*?**

ANSWER: John **Steinbeck** <Kodali>  
<Literature — American>