

Packet 4

American Quiz Bowl League — N1

1. **The sinoatrial [seye-no-ATE-ree-uh1] node generates electrical signals in this organ. Tetralogy of Fallot [fa-LOE] is a defect in this organ characterized by an overriding aorta. An (*) ECG measures the activity of this organ to test for arrhythmia. This is the central organ in the circulatory system. For 10 points, name this organ that pumps blood throughout the body.**

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

2. **A sculptor from this country depicted a man and woman embracing in *The Waltz*. A sculptor from this country depicted six burghers wearing nooses during the Hundred Years' War. That sculptor from this country created a (*) bronze statue of a seated man lost in thought. For 10 points, name this home country of Camille Claudel [ca-MEEL c1oe-DELL] and Auguste Rodin [oh-GOOST roh-DAHN].**

ANSWER: **France** [or **French** Republic; or République **française**] <Sheidlower>
<Fine Arts — Sculpture>

3. **This king wrote “Defense of the Seven Sacraments,” which earned him the title “Defender of the Faith.” This king ordered the execution of Thomas More for opposing the Acts of Supremacy, which made him the head of the (*) Anglican Church, allowing him to divorce Catherine of Aragon. For 10 points, name this English king known for his six wives.**

ANSWER: **Henry VIII** [prompt on **Henry**] <Terman>
<History — European>

4. **A character named Owl Eyes is the sole attendee of this man's funeral. In one scene, this character reaches toward a green light near a dock, and earlier holds lavish parties at his West Egg mansion to attract (*) Daisy Buchanan. For 10 points, name this “Great” character who titles a novel by F. Scott Fitzgerald.**

ANSWER: Jay **Gatsby** [or **Jay** or Jay **Gatz** or Jimmy **Gatz** or **Jimmy**; accept The Great **Gatsby**] <Venkateswaran>
<Literature — American>

5. **One island chain in this state was home to the Conch Republic in the 1980s. The Kissimmee River is located in this state which also contains national park that has an invasive population of (*) Burmese pythons. This state's Lake Okeechobee is the headwaters of the Everglades. Tallahassee is the capital of, for 10 points, what state?**

ANSWER: **Florida** <Bowman>
<Geography — North American>

6. **The coordinate system named for these shapes uses two angles and a rho ["roh"] parameter. The interior angle sum of triangles can be *more than 180* degrees in the geometry named for these shapes, which is the opposite of (*) hyperbolic geometry. The volume of these shapes is equal to “four-thirds pi r-cubed.” For 10 points, name these 3D analogues of circles.**

ANSWER: **spheres** [or 2-**spheres**] <Bowman>
<Science — Mathematics>

7. In one novel by this author, Mondego and Danglars conspire to imprison Edmond Dantes [dahnt] at the Chateau d'If [shah-TOH DEEF]. In another novel by this author, Milady de Winter executes D'Artagnan [dart-AN-yen], who desires to join a group consisting of (*) Athos, Porthos, and Aramis. For 10 points, name this French writer of *The Count of Monte Cristo* and *The Three Musketeers*.

ANSWER: Alexandre Dumas [doo-MAH], pere [or Dumas Davy de la Pailleterie] <Chen>
<Literature — European>

8. Fermi names a type of this state of matter made of particles that obey the Pauli [POW-lee] exclusion principle. The equation “ $P V$ equals $N R T$ ” models the “ideal” type of this state of matter. This phase of matter is directly formed during (*) sublimation and is formed from a liquid in evaporation. For 10 points, name this least dense state of matter, such as the air.

ANSWER: gas [accept ideal gas] <Jai>
<Science — Chemistry>

9. In a play by this author, Jack Worthing and Algernon Moncrieff realize they are actually brothers. In a novel by this author, a character meets Basil Hallward, who creates an ever aging (*) painting while the title character maintains his youth. For 10 points, name this Irish author of *The Importance of Being Earnest* and *The Picture of Dorian Gray*.

ANSWER: Oscar Wilde <Ganeshan>
<Literature — European>

10. A composer from this country is best known for his score to the film *Crouching Tiger, Hidden Dragon*. A piece from this country, the *Butterfly Lovers Violin Concerto*, is often played on a two-stringed instrument from this country called the (*) *erhu*. The *pipa* and *guzheng* are instruments from, for 10 points, what home country of Tan Dun and Lang Lang?

ANSWER: China [or People's Republic of China; or Zhongguo] <Sheidlower>
<Fine Arts - Great Composers and their Works>

11. This ruler faced public opposition after he dismissed his finance minister Jacques Necker. That opposition against this ruler culminated in the storming of the Bastille. The quote (*) “let them eat cake” was apocryphally said by this king's wife Marie Antoinette. For 10 points, name this king executed during the French Revolution.

ANSWER: Louis XVI [prompt on Louis] <Cheng>
<History - European>

12. This physicist bet Kip Thorne that Cygnus X-1 was not a “naked singularity.” This physicist theorized a type of radiation that causes black holes to evaporate. This physicist hosted a party for time-travelers where no one showed up. This physicist wrote (*) *A Brief History of Time*. For 10 points, name this wheelchair-bound physicist with an iconic robot voice.

ANSWER: Stephen Hawking <Bowman>
<Science — Physics>

13. When this substance is not available, *tayammum* may be performed by using dust or sand. Many pilgrims visit a source of this substance at Zamzam during the Hajj. Aspersion and affusion are two methods of (*) baptism that respectively sprinkle and pour this substance on the head. For 10 points, name this substance that Jesus turned into wine at Cana.

ANSWER: water <Prasad>
<Religion — Other>

14. **An artist from this movement painted a woman shouting “I’d rather sink than call Brad for help!” in *Drowning Girl* and depicted a plane crash in *Whaam!* An artist from this movement used (*) silk-screens to make prints of Marilyn Monroe and Campbell Soup Cans. For 10 points, name this art movement that included Roy Lichtenstein and Andy Warhol.**

ANSWER: Pop art <Benti>

<Fine Arts — Painting>

15. **The dentist Dr. Dussel appears in this book, whose narrator recalls her kiss with Peter van Daan. This book’s narrator, who believes “people are truly good at heart,” addresses entries with the word “Kitty.” Amsterdam’s (*) “Secret Annex” is the setting of, for 10 points, what journal kept by a young Jew detailing her hiding from the Nazi Party?**

ANSWER: Diary of Anne Frank [accept Diary of a Young Girl, accept anything mentioning Anne Frank’s diary, prompt on Anne Frank; prompt on Diary] <Kulkarni>

<Literature — European>

16. **The ship *Sea Venture* was wrecked in this state while attempting to resupply a colony undergoing the “Starving Time.” A city in this state originally named Middle Plantations is where the College of (*) William and Mary was built. John Rolfe introduced tobacco to a colony in this state. Williamsburg and Jamestown are in, for 10 points, what east-coast state?**

ANSWER: Commonwealth of Virginia <Sheidlower>

<History — American>

17. **This monster was born after Pasiphae [PASS-ih-fee] fell in love with a gift from Poseidon. A king demanded a sacrifice of 14 Athenian youths to this monster. Ariadne gave (*) Theseus a ball of yarn to help him find his way through the Labyrinth to kill this monster. For 10 points, name this monster with a bull’s head and man’s body.**

ANSWER: the Minotaur <Bowman>

<Mythology — Greco-Roman>

18. **One character in this film is offered death sticks at a bar as he hunts down Zam Wessel. A character in this film says “it’s rough and coarse and irritating” when describing his distaste for (*) sand. Count Dooku later cuts that character’s hand off during the Battle of Geonosis. For 10 points, name this second film in the Star Wars prequel trilogy.**

ANSWER: Star Wars: Episode II: Attack of the Clones [accept Star Wars: Episode II before “second”] <Bowman>

<Trash — Movies>

19. **The Wilmot Proviso would have banned slavery in territory acquired during this war. Winfield Scott’s forces were victorious during this war’s Battle of (*) Veracruz while Zachary Taylor won the Battle of Buena Vista during this war. The Treaty of Guadalupe Hidalgo ended, for 10 points, what war between the U.S. and its southern neighbor?**

ANSWER: Mexican-American War <Sheidlower>

<History — American>

20. **This company has a rewards system for PowerUp members and is notoriously skimpy in its trade-in system. Keith Gill, AKA “Roaring Kitty,” was a driving force behind members of the (*) subreddit “wallstreetbets” buying this company’s stock in 2021, which led to a short squeeze. For 10 points, name this retailer that buys and sells video games.**

ANSWER: GameStop [accept GME] <Bowman>

<Current Events - US Other>

TIEBREAKER:

These phenomena are often preceded by hook echoes appearing on Doppler radars. When these phenomena occur over water, they are known as waterspouts. The intensity of these phenomena can be measured by scales such as the Enhanced (*) Fujita scale. For 10 points, name this type of natural disaster consisting of a rotating mass of particles and debris.

ANSWER: tornadoes <Venkateswaran>

<Science - Earth Sci>