

Packet 8

American Quiz Bowl League — N1

1. **Rocks of this type are formed through lithification. Rocks of this type called conglomerates have rounded clasts, while breccia have angular ones. These rocks are found in (*) strata on Earth's surface. Rocks of this type include limestone and shale. For 10 points, name this grainy rock type contrasted with igneous and metamorphic.**

ANSWER: sedimentary rocks <Bowman>

<Science - Earth Sci>

2. **The Portuguese used one of these things called a caravel developed in the 15th century. A type of these things called dreadnoughts was the subject of an arms race between Britain and Germany. A group of these was sent to depose (*) Elizabeth I in the Spanish Armada. The Vikings used long examples, of for 10 points, what sea vessels?**

ANSWER: boat [accept equivalents like ship; accept longship] <Terman>

<History - European>

3. **Gian Lorenzo Bernini's depiction of this figure includes a harp and armor at his feet. Donatello used bronze for his depiction of this figure, which was criticized for being effeminate. A (*) sling is held over this figure's left shoulder in a marble work by Michelangelo. For 10 points, name this subject of sculptures depicting his slaying of Goliath.**

ANSWER: David <Sheidlower>

<Fine Arts - Sculpture>

4. **One character in this play delivers a speech regarding "tomorrow, tomorrow, and tomorrow." Before viewing a floating dagger, this play's title character is told "none of woman born" can kill him, causing the deaths of Banquo and (*) King Duncan. Macduff fulfills the prophecy of Three Witches in, for 10 points, what Scottish tragedy by Shakespeare?**

ANSWER: Macbeth <Ganeshan>

<Literature - British>

5. **The artist of this painting included himself working at an easel wearing a breastplate with a red cross. A mirror beneath that painting reflects the king and queen who commissioned it. This painting depicts the (*) daughter of Philip IV, the Infanta Margarita, accompanied by two dwarves. For 10 points, name this Velasquez painting of the Spanish Court.**

ANSWER: Las Meninas [or The Maidens] <Terman>

<Fine Arts - Painting>

6. **This actor played the evil-ex Lucas Lee in *Scott Pilgrim vs. the World*. This actor is caught by Benoit Blanc after poisoning his grandfather in his role as Ransom in *Knives Out*. A superhero played by this actor says the line (*) "I could do this all day" and uses a vibranium shield. For 10 points, name this actor who played Captain America in the MCU.**

ANSWER: Chris Evans <Bowman>

<Trash - Movies>

7. **On this island, Koxinga established the Kingdom of Tungning as an effort to restore the Ming Dynasty. This island was known as Formosa while under Dutch rule. Chiang-Kai Shek (*) fled to this island following the Chinese Civil War and established a Kuomintang-led government. For 10 points, name this island off the coast of China governed from Taipei.**

ANSWER: Taiwan [or Republic of China] <Sheidlower>

<History - World>

8. **This company rolled back a product after consumers couldn't understand that one-third is more than one-fourth. The documentary *Super Size Me* is about this company. Due to the pandemic, this company canceled its (*) All-Day Breakfast. This company has a product named for Travis Scott. For 10 points, name this restaurant chain that sells Happy Meals.**

ANSWER: McDonald's <Bowman>
<Current Events - Non-Political/Social>

9. **A thinker from this country known as the "second sage" claimed that humans are innately good and was named Mencius. A philosophical school from this country advocated living according to (*) *wu wei*, which translates as "inaction." A thinker from this country wrote the Analects. For 10 points, name this home country of Confucianism and Daoism.**

ANSWER: China [or Zhongguo] <Bowman>
<Philosophy - Philosophy>

10. **Lazar Kaganovich played a role in causing a 1932 famine in this country called the Holodomor. German forces massacred thousands of Jews near this country's ravine of Babi Yar. Near this country's city of (*) Pripjat, the Chernobyl disaster occurred. For 10 points, name this country led from Kiev that has fought with Russia over the Crimean Peninsula.**

ANSWER: Ukraine [or Ukrayina] <Sheidlower>
<History - European>

11. **The title character of this novel is defeated by the Knight of the White Moon after a barber and a priest burn his books. A character in this novel rides the horse Rocinante, loves Dulcinea (dool-sin-EY-ah), and is accompanied by the squire (*) Sancho Panza. For 10 points, name this novel by Miguel de Cervantes about an incompetent knight.**

ANSWER: Don Quixote [or The Ingenious Gentleman Don Quixote of La Mancha] <Bowman>
<Literature - European>

12. **Disulfide bonds contribute to the tertiary structure of these molecules. Alpha-helices and beta-sheets are two motifs found in these molecules. Peptide bonds connect (*) amino acids to form these molecules. When these molecules act as catalysts, they are called enzymes. For 10 points, name these macromolecules that are found in nuts and meat.**

ANSWER: proteins [accept polypeptides] <Kodali>
<Science - Biology>

13. **This man promoted American industry in the *Report on Manufactures*. This man's reputation was tainted by the Reynolds Affair and he advocated establishing the First National Bank of the United States. This man wrote the majority of the (*) The Federalist Papers. For 10 points, name this first Treasury Secretary who was assassinated by Aaron Burr.**

ANSWER: Alexander Hamilton <Terman>
<History - American>

14. **One form of this quantity can be calculated by Raoult's Law. The partial forms of this quantity for a gas sum to the total by Dalton's Law. This quantity is inversely proportional to volume by (*) Boyle's Law, and it is often measured in pascals. For 10 points, name this quantity, measured as force per unit area.**

ANSWER: pressure [accept vapor pressure until Dalton is read] <Jai>
<Science - Chemistry>

15. **The Carquinez strait drains into this body of water. A city on this body of water has a winding uphill path called Lombard Street. A former immigration center was located at this bay's (*) Angel Island. Alcatraz Island is found in this bay. For 10 points, name this bay spanned by the Golden Gate Bridge and named for a northern California city.**

ANSWER: San Francisco Bay <Bowman>
<Geography - North American>

16. **This scientist’s work on the photoelectric effect was published in his 1905 Annus Mirabilis paper. This scientist sent a letter to FDR urging him to establish the Manhattan Project. This scientist proposed the equation (*) “E equals M-C-squared.”** For 10 points, name this German-American scientist who theorized general and special relativity.

ANSWER: Albert Einstein <Jai>

<Science - Physics>

17. **In this novel, the twins Sam and Eric mistake a dead parachutist for a deformed ape named “The Beast.” A pig head on a stick symbolizes the title character of this novel, where civilization is represented by a (*) conch shell blown by Ralph.** For 10 points, name this novel by William Golding about boys stranded on an empty island.

ANSWER: The Lord of the Flies <Kulkarni>

<Literature - American>

18. **This god asks the dwarf Alvis riddles until sunrise, eventually turning him into stone. The goats “Toothgrinder” and “Toothgnasher” pull this god’s chariot, and his wife is the golden-haired Sif. This son of (*) Odin is fated to be killed by Jormungandr at Ragnarok, and wields the hammer Mjolnir.** For 10 points, name this Norse God of thunder.

ANSWER: Thor <Chen>

<Mythology - Norse>

19. **This figure and his brother Andrew dropped their fishing nets when one man called upon them. This man was named Cephas (“ke-fas”) because he would be the “rock” upon which Jesus would build his church. Before hearing a rooster crow, this man (*) denied that he knew Jesus three times.** For 10 points, name this saint, apostle, and first Pope.

ANSWER: Saint Peter [accept Cephas before mentioned] <Terman>

<Religion - Christianity>

20. **This phenomenon is inversely proportional to GDP in Okun’s Law. The Phillips curve inversely relates this phenomenon to inflation. Industrial reorganization often leads to this phenomenon’s (*) “structural” form, while its “frictional” form involves people moving between jobs.** For 10 points, name this phenomenon in which people are unable to find work.

ANSWER: unemployment <Sheidlower>

<Social Science - Economics>

TIEBREAKER:

The key of D-flat major has this many flats. In a common representation, all 12 tones are arranged so that one can ascend by an interval of this number around a circle. Chopin’s (*) “Black Key Etude” is played almost exclusively on this many piano keys. For 10 points, name this interval distance from C to G, the number of notes in a pentatonic scale.

ANSWER: five [accept circle of fifths] <Sheidlower>

<Fine Arts - Music Theory>