## Packet 9

American Quiz Bowl League - N1

1. A character in this collection angers a roc bird after spotting a Valley of Diamonds as part of seven voyages. In one story from this work, Morgiana (more-jee-AH-na) burns men hidden in oil jars after the protagonist makes use of the phrase "Open Sesame." (*) Scheherazade (shuh-HAIR-uh-zod) narrates, for 10 points, what collection of tales whose characters include Ali Baba and Sinbad?
ANSWER: Arabian Nights [accept One Thousand and One Nights or
One Thousand and One Arabian Nights or Alf Laylah wa-Laylah] <Ganeshan>
$<$ Literature - World>
2. This country pursued a nuclear weapons program under a prime minister later overthrown by Zia ul-Haq. This country gained independence under Muhammad Ali (*) Jinnah. After a war in 1971, this country's eastern enclave became the country of Bangladesh. India has fought many wars against, for 10 points, what South Asian country with capital Islamabad?
ANSWER: Islamic Republic of Pakistan $<$ Prabhakar $>$
$<$ History - World $>$
3. This mountain range is home to the longest railway tunnel in the world, the Gotthard Base Tunnel. The Brenner Pass and St. (*) Bernard Pass are both located in this mountain range, which is also the source of the Rhine River. Mont Blanc and the Matterhorn are located in, for 10 points, what largest mountain range entirely within Europe?
ANSWER: Alps <Prabhakar>
$<$ Geography - Rest of World $>$
4. Article III of the Constitution vests power to this branch of government. The case Marbury $v$. Madison established a "review" named for this branch. Nine people including (*) John Roberts are at the top of this branch. For 10 points, name this branch that contains the Supreme Court and is contrasted with the executive and legislative branches.
ANSWER: judicial branch <Bowman>
<Social Science - Government/Political Science>
5. These astronomical objects are gravitationally bound into large filaments. The Magellanic Clouds are objects of this type. Sagittarius A* lies at the center of one of these objects. Hubble's tuning fork diagram divides the (*) elliptical and spiral types of these objects. For 10 points, name these groups of stars including Andromeda and the Milky Way.
ANSWER: galaxies [accept spiral galaxies or elliptical galaxies] <Bowman $>$
<Science - Astronomy>
6. This character is humiliated by Mr. Brocklehurst at Lowood School shortly after befriending Helen Burns. She rejects St. John Rivers and eventually chooses a man previously married to the madwoman Bertha Mason, who burns down (*) Thornfield Hall. The eventual wife of Mr. Rochester is, For 10 points, what title character of a Charlotte Bronte novel?
ANSWER: Jane Eyre [or Jane Eyre] <Chen >
$<$ Literature - British>
7. This politician owns two German Shepherds named Major and Champ. This politician's created a short-lived cancer foundation that was inspired by the death of his son Beau. This politician campaigned in a bus that had (*) "No Malarkey" printed on the side. For 10 points, name this current president of the United States.
ANSWER: Joseph "Joe" Biden < Terman>
<Current Events - US Politics>
8. This author notes, "life for me ain't been no crystal stair" in "Mother To Son," and portrayed a piano player on Lennox Avenue in "The Weary Blues." This writer, who "bathed in the Euphrates" in one poem, asked "Does it dry up like a $\left(^{*}\right.$ ) raisin in the sun?" in a poem about a "dream deferred." For 10 points, name this leading Harlem Renaissance poet.
ANSWER: Langston Hughes $<$ Benti $>$
$<$ Literature - American>
9. This team won its third ever Super Bowl thanks to David Tyree's miraculous "Helmet Catch". This team defeated Tom Brady and the New England Patriots twice in 4 years to win the Super Bowl both times led by (*) quarterback Eli Manning. For 10 points, name this NFL team that shares a stadium with the Jets.
ANSWER: New York Giants $<$ Mandavia $>$
<Trash - Sports>
10. This man was advised by the philosopher Li Si. This man died from ingesting mercury and attempted to subvert any political dissent by $\left(^{*}\right)$ burying scholars and burned their books. This man's tomb contains the Terracotta Army. China was united by, for 10 points, what first emperor of the Qin dynasty who began construction on the Great Wall?
ANSWER: Qin Shi Huangdi [or Ying Zheng; prompt on Qin] <Kulkarni>
<History - Other>
11. The Henderson-Hasselbalch equation expresses this quantity as the ratio of ions in a solution, and indicators such as litmus change color when this quantity changes. Water has a value of $\left(^{*}\right) 7$ for this quantity at room temperature, making it neutral. For 10 points, name this quantity, a measure of how acidic or basic a solution is.
ANSWER: $\mathbf{p H}<$ Jai $>$
<Science - Chemistry>
12. Oliver Wendell Holmes created the "clear and present danger" test of this amendment in the Supreme Court case Schenck v. U.S. The 1962 case Engel v. Vitale found that public school $\left(^{*}\right)$ prayer violated this amendment's "establishment clause." For 10 points, name this amendment in the Bill of Rights that protects freedom of religion and speech.
ANSWER: First Amendment to the United States Constitution < Sheidlower>
$<$ History - American $>$
13. An opera in this language opens with 136 measures of E-flat major chords. Brünhilde issues orders for a funeral pyre in an opera in this language titled Twilight of the Gods. Over $170\left(^{*}\right)$ leitmotifs feature in an opera cycle in this language that includes characters like Siegfried. For 10 points, name this language of Richard Wagner's The Ring Cycle.
ANSWER: German [or Deutsch] <Sheidlower>
$<$ Fine Arts - Opera>
14. The Casparian Strip establishes root pressure by forcing this molecule through the symplast route. This molecule and carbon dioxide appear on the left hand side of photosynthesis reactions. Stomata release this molecule during (*) transpiration. This molecule travels through the xylem of plants. For 10 points, name this molecule with formula H2O.
ANSWER: water [accept H2O before mentioned] <Kodali>
<Science - Biology>
15. This man wrestled with the river god Achelous for the hand of Deianira, who accidentally killed him with the poisoned shirt of Nessus. This man killed the Nemean Lion and the $\left(^{*}\right)$ Hydra as punishment for killing his first wife while enraged by Hera. For 10 points, name this strong Greek hero who underwent twelve labors.
ANSWER: Heracles (accept Hercules) <Kulkarni>
<Mythology - Greco-Roman>
16. An idealized version of one of these devices holds two weights in an Atwood machine. A block and tackle consists of these devices attached to a hook, and changes the direction of force to $\left(^{*}\right)$ lift heavy loads. For 10 points, name this simple machine that consists of a taut rope wrapped on a wheel attached to an axle.
ANSWER: pulley < Prasad>
<Science - Physics>
17. This woman is about to be crowned in a van Eyck painting commissioned by Chancellor Rolin. The angel Uriel appears in a Da Vinci painting titled for this woman "of the Rocks." In a Raphael painting, this woman watches (*) John the Baptist and her son play with a goldfinch. For 10 points, name this woman usually represented holding her son Jesus.
ANSWER: Virgin Mary [or Madonna; accept the Virgin] <Sheidlower>
$<$ Fine Arts - Painting>
18. The Sieve of Eratosthenes is used to find these numbers. "Twin" types of these numbers differ by two. The fundamental theorem of arithmetic says that any natural number can be decomposed into a $\left(^{*}\right.$ ) factorization using these numbers. Contrasted with composite numbers, for 10 points, name this type of number whose only factors are one and itself.
ANSWER: primes [or prime numbers] $<\mathrm{L}>$
<Science - Mathematics>
19. In 1949, future President Muhammad Naguib joined this country's Free Officers Movement. With Menachem Begin, a president of this country signed the Camp David Accords. Britain and France invaded this country after the nationalization of the (*) Suez Canal. Anwar Sadat and Gamal Abdel Nasser led, for 10 points, what country with capital Cairo?
ANSWER: Arab Republic of Egypt < Sheidlower>
$<$ History - World>
20. Plotinus led a school that revived this thinker's philosophy. This thinker explored concepts of love in his Symposium. This thinker discussed (*) philosopher-kings ruling over an ideal city in a work that also proposes the Allegory of the Cave. For 10 points, name this Greek thinker who wrote The Republic and taught Aristotle at his Academy.
ANSWER: Plato <Kulkarni>
$<$ Philosophy - Philosophy>

TIEBREAKER:
In this musical, a man plays a guitar solo during the song "La Vie Boheme." This musical's song "Seasons of Love," which is sung by characters like Mimi Márquez, repeats the line (*) "Five hundred twenty five thousand six hundred minutes." For 10 points, name this Jonathan Larson musical set during the AIDS crisis about struggling New York artists.
ANSWER: Rent < Sheidlower>
$<$ Fine Arts - Musical Theatre>

