

2021 AQBL February
Packet 3

1. **In one poem, this author described “the clearest knowledge / of how the world’s delight is a brief dream.” This author described how “the sun’s ray had turned pale” in a love poem, and autobiographied himself in his “Letter to Posterity,” which concluded the *Seniles*. He wrote an epic about Scipio Africanus titled (*) *Africa*. This author included “You who hear the sound, in scattered rhymes” in a vernacular collection addressed to a woman he met in April 1327. For 10 points, name this Italian poet who dedicated *Il Canzoniere* to Laura, and who names a type of sonnet.**
ANSWER: **Petrarch** (or Francesco **Petrarca**) <MB, European Literature>

2. **Weapons known as *macuahuitl* were used by these people in an intermittent ritual war fought against their enemies. These people divided city-states in their empire in regions known as *calpolli* and much of their agriculture was driven by floating islands known as *chinampas*. The Florentine Codex documented the history of these people, including their (*) sacrificial Flower Wars. These people, whose empire collapsed after the events of La Noche Triste, legendarily built their capital after seeing an eagle eating a snake at Lake Texcoco in Tenochtitlan. For 10 points, what Nahuatl-speaking people were once ruled by Montezuma II?**
ANSWER: **Aztecs** <AK, World History>

3. **While disguised as a hunter, this god fought with Arjuna before ultimately granting him the Pashupatastra weapon. Ravana spent a thousand years worshipping this god. This god resides on Mount Kailash with his wife and children. This god swallowed the halahala poison, leading to his neck turning (*) blue. This god’s hair contains the Ganga River, which he lets flow out when necessary. This trident-wielding god is represented by lingams, and his sons include Kartikeya and Ganesha. For 10 points, name this husband of Sati and Parvati, the destroyer god in Hinduism.**
ANSWER: **Shiva** <ArN, Mythology>

4. **This man delegated different fines for freemen, serfs, and nobles as part of his *Lex Frisionum* and signed the Treaty of Heiligen with the Danish King Hemming. This man captured the Ring of the Avars and, in the Massacre of Verden, ordered the death of thousands of Saxons. This ruler’s defeat at (*) Roncevaux Pass is chronicled in the *Song of Roland*, and he had his capital city at Aachen. This ruler, who founded the Carolingian Empire, was the son of Pepin the Short. For 10 points, name this King of the Lombards who was crowned by Pope Leo III on Christmas Day 800 as the first Holy Roman Emperor.**
ANSWER: **Charlemagne** (accept **Charles the Great** or **Charles I**, prompt on **Charles**)
<AN, European History>

5. **This phenomenon can magnetize materials in its namesake “remanent magnetism.” One form of this phenomenon is produced when a descending stepped leader meets an upward streamer. This phenomenon is the main natural mechanism by which atmospheric nitrogen is fixed into nitrogen oxides. The three principal types of this phenomenon are (*) “intra-cloud,” “cloud to cloud” and “cloud to ground.” Benjamin Franklin may have invented a “rod” that shields buildings from this phenomenon. For 10 points, identify this phenomenon in which electrostatic discharge produces flashes of light, often accompanied by thunder.**
ANSWER: **lightning** (accept intra-cloud, cloud-to-cloud, or cloud-to-ground **lightning**)
<ADV, Earth Science>

6. **One form of this concept was defined as “the norms of reciprocity of and trustworthiness” that arise from networks between people and was analyzed in *Bowling Alone* by Robert Putnam. Putnam believes lower trust in government and lower civic participation has led to a decrease in the “social” form of this concept. Increased education and training can boost the (*) “human” form of this concept.** In economics, this concept is paired with land and labor as a factor of production and consists of assets that make it easier to produce value. For 10 points, name this concept that lends its name to the western economic system.

ANSWER: capital <MB, Social Science>

7. **In a short film, this character is asked by the President to stop a bombing at the NHL all-star game, after his wife Catherine Zeta-Scarn is killed by Goldenface. That film, *Threat Level Midnight*, was written by this character. This person has claimed he wants others to be afraid of how much they love him, and complains about how (*) Toby makes his workplace “lame.”** This character dates Jan Levinson before moving to Colorado with Holly Flax, eventually leaving his position to Dwight Schrute. For 10 points, name this regional manager of the Scranton branch of Dunder Mifflin, played by Steve Carrell.

ANSWER: Michael Scott (accept either; accept Michael Scarn before “written by”) <MB, Pop Culture>

8. **One composer from this country wrote a collection 153 etudes of increasing difficulty and included a “Game of Pairs” second movement in his *Concerto for Orchestra*. This country, the origin of the tone poem, was home to a composer who included the Mazeppa movement in his (*) *Transcendental Etudes*.** That composer from this country was inspired by the *czardas* dance to write a set of 19 virtuosic pieces named for this country. For 10 points, Zoltan Kodaly and Bela Bartok hailed from what country, which names a set of “Rhapsodies” composed by Franz Liszt?

ANSWER: Hungary <GB, Auditory Fine Arts>

9. **The electromagnetic free energy of these materials is minimized when the Laplacian of the H-field is equal to the inverse of lambda squared times the H-field. The penetration depth of these materials is given by London theory, while Cuprate perovskites such as YBCO are high-temperature examples of the Type (*) II classification of these materials.** These materials’ coherence length is described quantitatively by Ginzburg-Landau theory. These materials are explained with Cooper pairs in BCS theory. For 10 points, identify these materials that, in the presence of electric current, display zero resistance.

ANSWER: superconductors (accept superconductivity; do not accept or prompt on conductors) <DS, Physics>

10. **This character impresses a group of adults after exchanging several trinkets for “tickets” he uses to obtain a Bible at Sunday School. In another novel, this character is expected to visit the Phelps plantation, and helps perform the “Royal Nonesuch” while pretending to be his half-brother Sid. This character titles novels about him as a (*) detective and “Abroad,” but is best known for a work in which he gets lost in McDougal’s cave with Becky Thatcher and convinces other children to whitewash a fence for Aunt Polly.** For 10 points, name this Mark Twain character who is friends with Huckleberry Finn.

ANSWER: Tom Sawyer (accept either) <MB, American Literature>

11. **During this conflict's "black week," one side was defeated by Louis Botha at the Battle of Colenso. The term "khaki election" was first used to describe a parliamentary election during this conflict. Millicent Fawcett led a commission investigating Herbert Kitchener's use of concentration camps during this conflict. Robert Baden-Powell, the founder of the Boy Scouts, led the defense in this conflict's Siege of (*) Mafeking.** The Jameson Raid preceded this conflict, in which the Transvaal and Orange Free State allied against British troops. For 10 points, name this war fought for control of Dutch-speaking colonies in South Africa.
ANSWER: Second **Boer** War (accept **Boer** wars; do not accept or prompt on First Boer War)
<MB, Other History>
12. **In this ballet, a descending G major scale acts as the melody of a *pas de deux* between a Cavalier and his lover. After a tree magically grows enormous in this ballet, the title character battles an enemy who is killed by a thrown slipper. This ballet's second act features a dance that was one of the first pieces to use the celesta. The title character of this work is (*) broken by Fritz after he is given as a Christmas gift by Drosselmayer to Clara.** Popular excerpts from this ballet include the "Waltz of the Flowers" and the "Dance of the Sugar Plum Fairy". For 10 points, name this ballet by Pyotr Ilyich Tchaikovsky about a wooden toy.
ANSWER: *The Nutcracker* <ES, Other Fine Arts>
13. **In a novel by this author, the name "U N Owen" just means "unknown," and a group of people find copies of the rhyme "Ten Little Indians" in their bedrooms. A play by this author centers on the murder of Maureen Lyon and includes a "twist ending" audiences are asked not to reveal; that play has run continuously on the (*) West End since 1952.** Another novel by this author focuses on a group of passengers' plot to kill Ratchett; that character is actually Casetti, the perpetrator of the Armstrong kidnapping and murder. For 10 points, name this author of *The Mousetrap*, *And Then There Were None*, and *Murder on the Orient Express*, which is solved by Hercule Poirot.
ANSWER: Agatha **Christie** <MB, British Literature>
14. **These substances can be produced from silver and platinum through Bredig's arc method. The zeta potential classifies their stabilities, and particles in these substances come out of suspension in flocculation. The scattering of light in these substances is known as the (*) Tyndall effect.** These substances differ from solutions because they have both a continuous phase and a dispersed phase. Fog is one of these substances, as drops of water are suspended in air. For 10 points, name these mixtures in which microscopically dispersed particles of a substance are suspended in another substance, exemplified by milk and mayonnaise.
ANSWER: **colloids** <CS, Chemistry>
15. **The *mitzvah tantz* is traditionally performed in the aftermath of one of these events. The term *Mehndi* refers to both body art from henna and a ceremony that takes place before one of these events. A *huppah* is used in one form of this event, during which participants may circle one another three or seven times. The Hindu form of this event includes the *Saptapadi* ritual of seven (*) steps taken around a fire.** In Judaism, a certain man breaks a glass with his right foot to mark the end of this event. For 10 points, name these events during which a ring may be exchanged while a veil covers the face of the bride.
ANSWER: **weddings** (or **marriages**; accept any answer indicating that a **wedding** or **marriage** is being performed or two people are getting **married**) <MB, Religion>

16. **To regulate X-chromosome inactivation, the Xist [exist] variety of this molecule coats the inactive chromosome. The protein Argonaute [argonaut] in the RISC cleaves a type of this molecule, and the enzyme Dicer can cleave two types of this molecule. The variety of this molecule that binds to ribosomes has a distinct (*) cloverleaf structure.** The variety of this molecule that forms ribosomes is synthesized in the nucleolus. The Moderna COVID-19 vaccine uses a variety of this molecule to construct the virus's spike protein. For 10 points, name this single-stranded nucleic acid, commonly found in transfer and messenger varieties.

ANSWER: RNA (accept long non-coding RNA or messenger RNA or double-stranded RNA or pre-micro RNA or ribosomal RNA or transfer RNA; accept ribonucleic acids instead of RNA for all)
<CS, Biology>

17. **Viewers of this work are unable to see a child lying next to the right leg of a man on his knees. That man in this work grabs his son with his right arms and has an open mouth in reference to his cannibalism. Three heads tilted towards one another look down from the top of this work, which includes *Ugolino and His Sons* and *The Three (*) Shades*.** A man holds a woman on his shoulder in this work's *I am Beautiful*, and it also displays lovers embracing in *The Kiss*. Above the door panels of this work, a man rests his head on his hand in *The Thinker*. For 10 points, name this sculptural group by Auguste Rodin that depicts portions of Dante's *Inferno*.

ANSWER: *The Gates of Hell* <MB, Visual Fine Arts>

18. **A poet from this country described hearing echoes and seeing the reflection of light on green moss in his poem "Deer Park." Another poet from this country described sons "buried amid the grass" as conscripts are sent north on guard duty in "Song of the Wagons." A third poet from this country described meeting in the (*) Milky Way and making "three men" out of himself, his shadow, and the moon, whom he describes as "no drinker of wine," in "Drinking Alone by Moonlight."** For 10 points, name this country, the home of the Tang Dynasty poets Wang Wei, Du Fu, and Li Bai.

ANSWER: China <MB, World Literature>

19. **The McCone Commission concluded that an event which occurred in this city under Police Chief William Parker was as a result of unemployment. The McGucken Committee investigated the causes of another event in this city, which was preceded by the Sleepy Lagoon murder trial. After being caught on tape getting beaten by Stacey Koon and three other (*) officers, a man in this city asked "can we all just get along?"** The anti-racist Watts Riots occurred in this city, where servicemen attacked Latinos wearing the namesake type of clothing in the Zoot Suit Riots. The Rodney King riots hit, for 10 points, what city in southern California?

ANSWER: Los Angeles (or L.A.) <AK, American History>

20. **Beck Weathers authored *Left for Dead* based on a disaster at this place, which ended with him getting evacuated from the Western Cwm [koom]. Rob Hall and Scott Fischer died at this place in 1996, while George Mallory's body was found below the First Step 75 years after his death at this location. Jon Krakauer wrote *Into Thin (*) Air* about this place, whose visitors traverse the Khumbu Icefall and Hillary Step, and eventually enter the "death zone" where supplementary oxygen is often given. Edmund Hillary and Tenzing Norgay were the first to officially ascend, for 10 points, what mountain in the Himalayas, the highest peak on Earth?**

ANSWER: Mount Everest (accept Sagarmatha) <MB, Geography>

Tiebreaker/Extra Question

This author wrote of a hunchbacked man who confesses his love for Frau von Rinnglingen in the short story “Little Herr Friedemann.” At the end of a novel by this man, the sickly and musically-inclined Hanno dies of typhoid, leaving only four remaining members of the title merchant family. Another novel by this man features a character who notices a series of red-haired (*) men and holidays on Lido beach. That character created by this author of *Buddenbrooks* compares his obsession for a stranger with a cholera outbreak in the title Italian city. For 10 points, Gustav von Aschenbach falls in love with Tadzio in what German author’s *Death in Venice*?

ANSWER: Thomas Mann <CL, Tiebreakers>