

**2021 AQBL February  
Packet 5**

1. **In a play by this author, the protagonist kidnaps a flute girl from a party after turning his house into a courtroom where he can perform jury service. In another play by this author, one character is sent to school to learn how to win debates with creditors; that school is later burned down by his father. One play by this author focuses on The (\*) Thinkery, a school run by Socrates, while in another of his plays women withhold sex from their husbands in hopes of stopping the Peloponnesian War.** For 10 points, name this Greek comedian, the author of *The Clouds* and *Lysistrata*.

ANSWER: Aristophanes <MB, Classical Literature>

2. **In a film by this director, a civil servant is shown humming his favorite tune from his youth on a snowy swing set shortly before dying of cancer. Another film by this director broke a taboo against filming directly at the sun and used black ink to depict a rainstorm at an abandoned gate. In that film, a laughing bandit, a ghost, and a (\*) woodcutter all give different accounts of a murder.** This director created a film that ends with four of the title group dying while defending a village from raiders. This director cast Toshiro Mifune in many roles as feudal warriors from his country's Edo period. For 10 points, name this director of *Ikiru*, *Rashomon* and *Seven Samurai*.

ANSWER: Akira Kurosawa [or Kurosawa Akira] <ES, Other Fine Arts>

**Note to moderator: read highlighted notes slowly**

3. **One work by this composer begins with the notes D, F-E-D, C sharp D E, D. Another work by this composer in the same genre intersperses a set of chords with a low F. This composer imitated the chiming of bells in several works, including one piece in *Morceaux fantaisie*, his (\*) *Prelude in C-sharp minor*.** This composer was inspired by Arnold Böcklin painting to compose *Isle of the Dead*. This composer wrote a series of variations on another composer's 24th caprice. For 10 points, name this Russian composer of four piano concertos and *Rhapsody on a Theme of Paganini*.

ANSWER: Sergei Rachmaninoff [or Sergei Vasilyevich Rachmaninoff] <ArN, Auditory Fine Arts>

4. **A factor named for this force is multiplied by half the density times velocity squared over diameter to yield pressure loss per unit length in the Darcy-Weisbach equation. The critical angle of repose gives the maximum angle at which this force acts for certain materials. According to Amontons' second law, this force is independent of (\*) surface area.** This force can cause a buildup of electrostatic charge through the triboelectric effect. This force's magnitude is given by its namesake coefficient multiplied by the normal force, and it comes in "kinetic" and "static" varieties. For 10 points, identify this force that always opposes the direction of motion.

ANSWER: friction [accept static or kinetic friction] <DS, Physics>

5. **In one election, this figure lost to a "dark horse" candidate while running alongside Theodore Fellinghuysen. This founder of the American Colonization Society's dispute over soldiers wearing patriotic clothing led him to duel Humphrey Marshall. This man, who proposed an economic program known as the "American (\*) System" as a member of the Whig Party, became Secretary of State after throwing his support to John Quincy Adams in the "Corrupt Bargain."** For 10 points, name this Kentucky congressman known as the "Great Compromiser."

ANSWER: Henry Clay <AK, American History>

6. **These cells' namesake doctrine explains that they are individual units, rather than a continuous chain. Camillo Golgi separated the multipolar types of these cells into two groups, and he also stained the Purkinje [pur-kin-jee] variety of these cells. Oligodendrocytes and Schwann cells assist in the formation of the myelin sheath around the (\*) axons of these cells. Signals jump from the axons to the dendrites of these cells at a synapse. In mammals, the cerebellum contains the highest density of these cells. For 10 points, name these cells that transport electrical and chemical signals throughout the body.**  
ANSWER: neurons [accept nerve cells] <CS, Biology>
7. **During the fall of this empire, its northwest was conquered by Demetrius, a Greco-Bactrian ruler. A leader of this empire fasted to death after retiring from rule, sent five hundred war elephants to Seleucus Nicator, and conquered the Nanda Empire. Another leader of this is the namesake of a wheel of (\*) dharma on a national flag and a "capital" featuring four lions. After the Kalinga War, that leader of this empire published a series of rock edicts and converted to Buddhism. For 10 points, name this ancient Indian empire led by Chandragupta and Ashoka.**  
ANSWER: Mauryan Empire <MB, World History>
8. **One character with this last name keeps his illegitimate son as a servant; that son later murders and robs that character with this last name, before confessing and committing suicide. Another character with this last name tells a story in which miracles are performed by a returned Christ, who then kisses a non-believing member of the Inquisition. Katerina's testimony dooms Dmitri after Smerdyakov murders the father of (\*) three title characters with this last name. For 10 points, give this last name also shared by Ivan and Alexei, two of the title "brothers" of a Fyodor Dostoyevsky novel.**  
ANSWER: Karamazov <MB, European Literature>
9. **In a live-action film, this character dates an NYU student who is kidnapped and taken to the Manhattan of a parallel universe. 2013, the "year" of this character, included the release of a puzzle game titled "Doctor" this character. In games centering around this character, he uses a vacuum cleaner and a (\*) plunger to remove ghosts led by King Boo from the title *Mansion*. This plumber, the love interest of Daisy, was set up as a second playable character with a green color scheme. For 10 points, name this brother of Mario in several Nintendo franchises.**  
ANSWER: Luigi <MB, Pop Culture>
10. **Much of this state's western border is formed by the Sabine River. An estuary in the southeast of this state is crossed by the longest continuous bridge in the world. In this state, a large tract of coastal cypress and ecosystem of wetlands can be found in its Atchafalaya Swamp. A pair of bridges known as the Crescent (\*) City Connection serves a city in this state, whose native cuisine includes sandwiches like muffalettas and po'boys. That city in this state hosts Mardi Gras in its French Quarter. For 10 points, name this state with cities Shreveport, Baton Rouge, and New Orleans.**  
ANSWER: Louisiana <AK, Geography>
11. **Due to provisions adopted in the overnight "Kitchen Accord," this region has not ratified its country's 1982 Constitution, an issue not changed by the 1987 Meech Lake Accord. This region liberalized in the "Quiet Revolution" of the 1960s, during which it was led by Jean Lesage, following the "Great Darkness" under longtime Union Nationale leader Maurice Duplessis. After (\*) Pierre Laporte, the Deputy Premier of this region, was kidnapped by the FLQ in this region's October Crisis, the War Measures Act was invoked by Prime Minister Pierre Trudeau. Charles De Gaulle made a statement supporting the independence of, for 10 points, what French-speaking Canadian province?**  
ANSWER: Province of Quebec (prompt on Canada until the end) <MB, Other History>

12. **After a heavenly visit in which he claimed to be “unable to recite,” this work’s author supposedly received its chapter “Congealed Blood.” A message describing a figure as “the most gracious” and “the most merciful” opens all but the 9th chapter of this work. This book’s author was told he would be driven out of his city after receiving a divine message in a (\*) cave.** The set of rules for how to pronounce the letters in this text is termed *tajwid*. The title *Hafiz* is given to individuals who have memorized the entirety of, for 10 points, what text composed of 114 suras and given by the Archangel Gabriel to Muhammad, the holy book of Islam?

ANSWER: *al-Qur’an* (or *Kor’an*) <MB, Religion>

13. **A character in this novel gets drunk with the McKees at an apartment in Manhattan, where he hears that another character is related to Kaiser Wilhelm. That narrator of this novel ends it by stating “so we beat on, boats against the current, borne back ceaselessly into the past.” The cover of this novel typically depicts a weeping (\*) eye that may be the billboard of Doctor T.J. Eckleburg, who practices in Queens.** The title character of this novel is obsessed with the green light coming from the dock of Daisy, who is married to Tom Buchanan. Nick Carraway narrates, for 10 points, what novel by F. Scott Fitzgerald?

ANSWER: *The Great Gatsby* <MB, American Literature>

14. **Miracle flatness, or Hironaka’s criterion, provides a condition that a ring has this property if and only if it is a free module over a Noetherian local ring. It’s not symmetry, but the Lie bracket of a Lie algebra has the “anti” form of this property. A group that satisfies this property is called “abelian.” Matrix multiplication and the cross product notably do not have this property. Neither (\*) division nor subtraction over the real numbers has this property.** For 10 points, name this fundamental property of mathematics that states that the order of the operands does not change the result of a binary operation, commonly stated as “a plus b equals b plus a.”

ANSWER: **commutativity** (accept commutative property) <DS, Math>

15. **Pablo Picasso painted a series of 58 “reinterpretations” of this much older painting. In the back of this work, a man on a staircase looks directly towards its main scene. The artist of this painting is depicted wearing a black robe with a red cross and standing at an easel, while a mirror in the back of this painting displays the reflection of (\*) Queen Mariana and King Philip IV.** Two dwarves stand behind a dog near the right edge of this painting. For 10 points, name this work depicting the young Infanta Margarita of Spain, a work by Diego Velazquez.

ANSWER: *Las Meninas* (or *The Maids of Honor*) <MB, Visual Fine Arts>

16. **According to one saga, this god embalmed the head of a figure who was killed by the Vanir [Van-ear]. Along with Vili and Ve, this god created the first humans and killed Ymir [ee-meer]. This god won a contest of wits after asking a Jotunn to guess his final words to Baldr, and he transformed into an eagle while being chased by Suttungr after stealing the (\*) Mead of Poetry.** This god is served by the wolves Geri and Freki, the horse Sleipnir, and the ravens Huginn and Muninn, and he gave up one of his eyes to obtain wisdom. For 10 points, name this “all-father,” the chief god of Norse mythology.

ANSWER: **Odin** (or **Wotan**) <MB, Mythology>

17. **After this leader attempted to escape and defect to Britain, his close companion Hans Hermann von Katte was court-martialed and executed. This leader refused to live with his wife Elisabeth Christine of Brunswick-Bevern, and countered the arguments of *The Prince* in his *Anti-Machiavel*. This ruler was praised by Clausewitz for his military tactics at Rossbach and Leuthen during the Third (\*) Silesian War, and commissioned the Rococo summer residence of Sanssouci. The War of Austrian Succession began after this leader refused to acknowledge the Pragmatic Sanction, which installed Maria Theresa. For 10 points, name this enlightened despot of Prussia.**  
ANSWER: **Frederick the Great** (or **Frederick II** von Hohenzollern of Prussia) <MB, European History>
18. **In a work by this author, Bons pleads with Dante to enter Heaven. A character created by this author befriends another character when he realizes she is wearing shoes at a mosque. This author of “Celestial Omnibus” wrote a novel in which the arrogant Cecil Vyse’s proposal is accepted. In that novel by this author, George Emerson eventually elopes with Lucy (\*) Honeychurch. Another novel by this author sees a character bring a false rape accusation against Dr. Aziz after a trip to the Marabar Caves. For 10 points, name this author of *A Room With A View* and *A Passage to India*.**  
ANSWER: E.M. **Forster** <AK, British Literature>
19. **The virial equation of state describes substances that deviate from this law. The Redlich-Kwong equation, which contains corrective terms for attractive potential and volume, is another modification of this law. Deviations from this law do not obey the Kinetic Molecular Theory, and substances that deviate from this law are more accurately modeled by the (\*) Van der Waals equation. This law can be derived by combining Boyle’s, Charles’, and Avogadro’s namesake laws. The constant of this equation’s namesake substances is in units of liter atmospheres per mole kelvin. For 10 points, name this relation for gases that is commonly expressed as  $PV = nRT$ .**  
ANSWER: **ideal gas law** [accept **ideal gas equation** or **general gas equation**] <CS, Chemistry>
20. **In one work about this philosophical theory, the author argues for intellectual pursuits over simpler pleasures, since the happiness from the latter is brief. Hedonic calculus, which measures pleasure and pain based on intensity and duration, was developed to support this moral philosophy discussed in *An Introduction to the Principles of Morals and Legislation*. Robert Nozick demonstrated that this system is not always (\*) egalitarian with a thought experiment focusing on a “monster” who receives extreme pleasure even as others suffer. In a namesake treatise, John Stuart Mill advocated for, for 10 points, what ethical philosophy focused on maximizing total societal happiness?**  
ANSWER: **utilitarianism** <MB, Philosophy>

### Tiebreaker/Extra Question

**The *interpretatio graeca* model views this Greek god as equivalent to the Egyptian Osiris because stories of Osiris’ dismemberment parallel those of this god’s Orphic precursor, Zagreus. As part of the *sparagmos* ritual, King Pentheus was torn apart by the raving female followers of this god known as the (\*) Maenads. In one story, this son of Zeus and Semele escapes a group of Tyrrhenian pirate kidnappers by turning them into dolphins. This god was often visually depicted accompanied by revelling satyrs and grapevines. For 10 points, name this Greek god of madness, festivity, and wine.**

ANSWER: **Dionysus** [or **Bacchus**] <CL, Tiebreakers>