

2021 AQBL February Packet 12

- In this film, a character named No-Face tempts others with golds before eating them, but is eventually made to vomit by a magic dumpling. A character in this film is freed after being recognized as a river spirit, while another character earns their own freedom by correctly stating that their parents are not amongst a group of (*) animals.** The protagonist of this animated film takes a job in a bathhouse after a witch turns her parents into pigs. For 10 points, name this Studio Ghibli film in which Chihiro Ogino enters a realm of Kami, Japanese Shinto spirits.
ANSWER: *Spirited Away* <MB, Pop Culture>
- Raney developed one of these substances to aid in vegetable oil hydrogenation. When used in petroleum cracking, zeolites are classified as these substances. The polymerization of 1-alkenes can be carried out by one of these named after Ziegler and Natta. A type of these substances named after Lindlar can be (*) “poisoned” with palladium chloride and lead acetate.** A notable characteristic of these substances is their ability to lower the activation energy of a chemical reaction while not being used up in the reaction themselves. For 10 points, name these substances that speed up chemical reactions.
ANSWER: catalysts <CS, Chemistry>
- The Marquess of Queensbury planned on interrupting the premiere of a play by this author with a bouquet of rotten vegetables. In a play by this author, a locked bank book reveals a series of secret payments to Mrs. Erlynne, who is actually the title character’s mother. The title object of that play by this author is discovered on a table in Lord (*) Darlington’s house.** In another play by this author, Gwendolen Fairfax will only marry a man with the title name, and Algernon Moncrieff pretends to be the brother of Jack Worthing. For 10 points, name this author of *Lady Windermere’s Fan* and *The Importance of Being Earnest*, an Irish playwright.
ANSWER: Oscar Wilde <MB, British Literature>
- A work by this thinker introduced a concept known as liquidity preference. This thinker proposed a hypothetical “beauty contest” to describe rational agents in a market. This thinker, whose ideas were summarized in John Hick’s IS/LM model, described the Treaty of Versailles as a Carthaginian peace in his *The Economic (*) Consequences of Peace*.** In another work, he argued for increased government spending to curb the Great Depression. For 10 points, name this British economist and author of *The General Theory of Employment, Interest, and Money*.
ANSWER: John Maynard Keynes <AK, Social Science>
- In a Greek account, Typhon cuts this god’s body into 26 pieces, while in another version his death is plotted by the Queen of Ethiopia. This god was made into the first mummy by Anubis, and is the first son of Geb and Nut. The Dejd symbolized this god’s spine, and he is commonly depicted with the *atef*, his crown, and a (*) crook and flail.** This god’s wife found the coffin containing his body in Byblos after it was thrown into the Nile. This father of Horus was killed by his brother Set. For 10 points, name this ruler of the Egyptian underworld, the husband of Isis.
ANSWER: Osiris <MB, Mythology>

6. **The *Glomar Challenger* was the first vessel to provide empirical evidence for this process. This process preserves the symmetric reversal of the Earth's magnetic field as described by the Vine-Matthews-Morley hypothesis. Harry H. Hess first proposed the mechanism for this process after his discovery of the Great Global Rift in the (*) Mid-Atlantic ridge. This process occurs at divergent boundaries, as two tectonic plates are moving away from each other. For 10 points, name this process whereby the ocean floor expands, which drives continental drift.**
ANSWER: **seafloor spreading** (prompt on continental drift or plate tectonics before mention)
<DS, Other Science>
7. **The disastrous Order of the Star was created as a response to the Order of the Garter. Proxy wars during this conflict included the Castilian Civil War and the War of the Breton Succession. After his son Louis escaped from imprisonment during this conflict, John the Good voluntarily returned to it; he had earlier been captured at the Battle of (*) Poitiers, won by Edward the Black Prince. During this conflict, hired longbows routed knights at the Battles of Crecy and Agincourt, but that side recovered by lifting the Siege of Orleans with the help of Joan of Arc. For 10 points, name this 1337 to 1453 series of conflicts between England and France.**
ANSWER: **Hundred Years'** War <MB, European History>
8. **In a novel by this author, two characters take the aliases "Lord Wilmore" and "Viscount Andrea Cavalcanti." In that novel by this author, the title character falls in love with the Turkish slave Haydee and seeks revenge on Villefort, a royal prosecutor, and Fernand, who had married Mercedes. That character created by this author takes the identity of a rich aristocrat after (*) escaping from the Chateau d'If [deef]. In another novel by this author, Milady de Winter serves as a spy for Cardinal Richilieu, who is opposed by D'artagnan and Athos, Porthos, and Aramis, the title group. For 10 points, name this author of *The Count of Monte Cristo* and *The Three Musketeers*.**
ANSWER: Alexandre **Dumas** <MB, European Literature>
9. **This instrument plays a seventh octave D to conclude a concerto whose third movement was referred to as a "polonaise for polar bears" by Donald Tovey. Another concerto for this instrument opens with the notes "B, G, E", a melody that supposedly gave its composer "no peace". Due to not wanting to "stand on stage and hear the oboe playing the only tune in the adagio," (*) Pablo de Sarasate refused to play Brahms concerto for this instrument, for which Mendelssohn wrote an E Minor concerto. Tchaikovsky and Beethoven notably set their concertos for this instrument in D Major. For 10 points, name this smallest string instrument.**
ANSWER: **violin** <GB, Auditory Fine Arts>
10. **The first incarnation of this country ended after the Republican Army of the North was defeated at the Battle of Medina. Sheriff John Kennedy resolved a conflict between "Regulators" and "Moderators" in this country known as the Shelby County War. This country's army undertook the Runaway Scrape, while surrendering troops from it were killed in the (*) Goliad Massacre, committed by an army under Antonio Lopez de Santa Anna. The Battle of San Jacinto ended, for 10 points, what country's War of Independence, during which Jim Bowie and Davy Crockett were killed at the Battle of the Alamo in San Antonio?**
ANSWER: Republic of **Texas** <MB, American History>

11. **In a story in this collection, a man avoids execution after a young man describes cutting the body of his wife into pieces, locking it in a chest, and throwing it in the Tigris; later, a golden apple is found by the Vizier Jafar. Antoine Galland added a story to this collection in which an enslaved woman cuts chips in the front steps and makes marks on the (*) doors of every house on a street to thwart a group that later hides in jars of oil; that group of thieves keeps treasure in a cave accessed with the words “open sesame.”** For 10 points, name this collection narrated by Scheherazade, which includes “Ali Baba and the Forty Thieves.”

ANSWER: One Thousand and One Nights (or Arabian Nights or One Thousand and One Arabian Nights) <MB, World Literature>

12. **This man drafted *The Expression of the Emotions in Man and Animals* in his “M” notebook, and he wrote *The Descent of Man* to apply his theory to human society. Thomas Henry Huxley is known as this man’s “Bulldog” for supporting him. This man began theorizing the mechanism of atoll formation during his (*) five-year voyage on the HMS Beagle. During the ship’s second voyage, this man visited the Galápagos Islands, where he noted a difference of beak sizes in *Geospizinae*. Those finches were later named in his honor. For 10 points, name this author of *On the Origin of Species*, known for his evolutionary theory of natural selection.**

ANSWER: Charles Darwin <CS, Biology>

13. **In this country, the imprisonment of a former Governor and naval captain on the *H.M.S. Tortoise* led to the appointment of Lachlan Macquarie, who committed the Appin Massacre. A criminal in this country led the Euroa Raid after murdering several police officers near Stringybark Creek and was arrested after a shootout in which he wore a set of bulletproof armor. Ned (*) Kelly was executed in this country, the site of William Bligh’s overthrow in the Rum Rebellion. Bushrangers were escaped convicts operating in, for 10 points, what country where the Victorian gold rush took place outside of Melbourne?**

ANSWER: Commonwealth of Australia <MB, Other History>

14. **This quantity is cubed in the formula for the Rydberg constant. According to Heisenberg’s Uncertainty Principle, one half times a form of this quantity is less than or equal to position times momentum; that form is known as “h-bar” and is equal to this quantity divided by 2 pi. This quantity, which is equal to the De Broglie wavelength when divided by momentum, is around (*) 6.63 times 10⁻³⁴ [“10 to the negative-34”] Joules per second. When multiplied by frequency, this quantity is equal to the energy of a photon. For 10 points, give this constant named for a German physicist who invented quantum theory.**

ANSWER: Planck’s constant <??, Physics>

15. **In one painting in this location, a group of twelve figures in front of a red shroud form the shape of a human brain, and God wraps his arm around a woman who may be Eve. This location includes portraits of 5 Sibyls and 7 Prophets of Israel, and its scenes of Noah include the *Drunkenness*. In this location, God reaches out a finger to almost touch the title figure in *The (*) Creation of Adam*, and the saved rise to heaven in *The Last Judgement*. For 10 points, Michelangelo painted a series of frescoes on the ceiling of what Chapel in the Vatican?**

ANSWER: Sistine Chapel (accept Sistine Chapel ceiling or equivalents) <MB, Visual Fine Arts>

16. **A protagonist created by this author appears in their earlier short story “Slight Rebellion off Madison.” In a short story by this author, a character plays the piano next to Sharon Lipschutz. A novel by this author features its protagonist accidentally breaking the record “Little Shirley (*).”** This author, who described Seymour Glass describing the title mythical animals on the beach in one work, wrote a novel in which, after being expelled from Pencey Prep, Holden Caulfield visits his sister Phoebe in New York City. For 10 points, name this author of “A Perfect Day for Bananafish” and *The Catcher in the Rye*.
ANSWER: J.D. Salinger <AK, Literature>
17. **Description Acceptable. In the second attempt to perform this action, a navy of 142,000 soldiers and sailors was defeated at Hakata Bay, while the first attempt to perform this action was preceded by an invasion of Tsushima. Two attempts to perform this action followed the vassalization of Goguryeo, were ended by typhoons termed kamikazes, and were planned by Kublai (*) Khan.** Operation Olympic and Operation Coronet were the two phases of the proposed Operation Downfall, an American plan to perform, for 10 points, what military action of attempting to seize a country with capital Tokyo?
ANSWER: invading Japan (accept any answer describing American or Mongol invasions of Japan) <MB, World History>
18. **In this film, a silent circular shot pans between two characters' mouths to show a third character reading their lips. The ending of this film is set in a white, Baroque-style bedroom lit through its glass floor. This film contains an iconic match cut that transitions from a bone being thrown into the air. “Daisy Bell” is sung by a character in this film who murders several members of a satellite crew and has a single red light as its eye; that character is the computer (*) HAL 9000.** The opening fanfare of “Also Sprach Zarathustra” accompanies appearances of a black monolith in this film that aids humanity's progress. For 10 points, name this science-fiction film by Stanley Kubrick set in the 21st century.
ANSWER: 2001: A Space Odyssey <ES, Other Fine Arts>
19. **The intersection of East 38th Street and Chicago Avenue in this city has been turned into a memorial site. In 2019, Mohamed Nour, a police officer in this city, was convicted of murder for the 2017 shooting of Australian-American woman Justine Damond. During a protest in June, crowds chanted “go home” after this city’s mayor stated he did not support abolishing its police force. Jacob (*) Frey, who belongs to the Democratic-Farmer-Labor Party, is the mayor of this city, where Derek Chauvin faces charges for second-degree unintentional murder.** For 10 points, George Floyd was killed in what Minnesota city, which lies across the Mississippi River from St. Paul?
ANSWER: Minneapolis, MN <MB, Geography/Current Events>
20. **This figure states “not my feet only, but also my hands and my head” after initially refusing to have his feet washed at the Last Supper. In Matthew, this figure is able to walk on water for a step, before he loses faith. This apostle is the first person to actually enter Jesus’s tomb following his resurrection, and, along with his brother (*) Andrew, is asked to be a “fisher of men.”** This figure is told “on this rock I will build my church,” by Jesus, and later weeps after denying him three times. For 10 points, name this apostle, the first Pope of the Catholic Church.
ANSWER: Saint Peter the Apostle (or Simon Peter) <MB, Religion>

Tiebreaker/Extra Question

One leader during this war was taunted with chants of “how many kids did you kill today?” Jane Fonda was photographed atop an anti-aircraft battery during this war. Students at an Iowa high school wore black armbands in protest of this war, and William Calley was convicted for a (*) massacre in the Son Tinh district in this war. Agent Orange was sprayed across the treetops in this war, and the United States expanded their involvement in this war after an alleged attack in the Gulf of Tonkin. For 10 points, what conflict saw the Communists led by Ho Chi Minh take Saigon in 1975?

ANSWER: Vietnam War <JR, Tiebreakers>