

# MSQB Madness II

## Packet 4

Written by: Brodie Henry, Pdraig Finan, and Sivaneyan Vivekanandhan.

Written and Edited by: Aalok Bhattacharya, Andrew Gao, Cindy Gao, Charles Heydt, Aditya Khambekar, Lukas Koutsoukos, Sam Macchi, and Neev Sahgal.

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## Tossups

NOTE TO PLAYERS: *Two answers required.*

1. **The SS *Ollanta* is a steamship on a body of water shared by these two countries. It's not in the Middle East, but the "Highway of Death" is a road through the Yungas forest that these two countries share. The Altiplano, which is mainly within these two countries, causes a rain shadow effect that creates the Atacama Desert in Chile. The "highest navigable lake" in the world, Lake (\*) Titicaca is on the border between these two countries. Sucre is one of two capitals in one of these countries, and the other country's capital was founded by Francisco Pizarro. For 10 points, name these two South American countries with capitals at La Paz and Lima.**

ANSWER: **Peru** AND **Bolivia** [accept answers in either order; do NOT accept or prompt on partial answers; accept **Republic of Peru** or **República del Peru** in place of **Peru**; accept or **Plurinational State of Bolivia** or **Estado Plurinacional de Bolivia** in place of **Bolivia**] <Geography - World, Finan> [Ed. A. Gao]

2. **In this author's first novel, they wrote of an alligator hunter named Benny Profane who helps search for an entity known only as the title letter. Callisto attends a party held by Meatball Mulligan in a short story in this author's collection *Slow Learner*. Metzger watches the play *The Courier's Tragedy* in a novel by this author of "Entropy" and V. The slogan (\*) W.A.S.T.E is used by Trystero, in that novel by this author, which attracts the attention of Oedipa Maas. In their most famous novel, Tyrone Slothrop's sexual encounters help track a V-2 rocket. For 10 points, name this author of *The Crying of Lot 49* and *Gravity's Rainbow*.**

ANSWER: Thomas **Pynchon** [or Thomas Ruggles **Pynchon** Jr.] <Literature - American, Henry> [Ed. A. Gao/C. Gao]

3. **People with this condition are often born with clubbed fingers. Due to this disease targeting the vas deferens, it renders most men with it infertile. Many people with this disease are partially protected from cholera, and it is most commonly caused by a mutation in (\*) phenylalanine 508. Sufferers of this disease are diagnosed with it via a sweat test. Chloride ions fail to get across the cell membrane in people with, for 10 points, what disease that causes mucus to build up in the lungs, symbolized CF?**

ANSWER: **cystic fibrosis** [accept **CF** before mention] <Science - Biology, Henry>

4. **The Hands of the Cause led this belief system during the Ten Year Crusade. The founder of this religion wrote the Epistle to the Son of the Wolf. Another man, known as this religion's "guardian," wrote The Seven Valleys. Shoghi Effendi led this religion, which has a calendar of 19 months of 19 days each, one month of which is dedicated to a 19-day fast. This religion's primary text is the Book of (\*) Certitude, and it is headquartered at the Universal House of Justice in Haifa, Israel. For 10 points, name this faith founded in 19th century Persia by Baha'u'llah ("bah-ha-ooh-lah").**

ANSWER: **Baha'i** Faith [accept **Baha'ism** or **Baha'iyyah**] <RMPSS - Religion, Henry>

5. **The Auger Effect explains how these particles are replaced by one another and the Drude model explains the transport properties of these particles. Movement of one of these particles in diagrams is marked by fish hook-like arrows. (\*) Cathode ray tubes were used in the Cavendish laboratory at Cambridge to discover these particles, whose tests were carried out by J.J. Thompson. An ion is a charged atom that has more or less of this particle. For 10 points, name this subatomic particle that composes valence shells in an atom, and has a negative charge.**

ANSWER: **electrons** [or **valence electrons**] <Science - Physics, Finan>

6. During George Floyd protests in this city, police officers shoved 75-year-old protester Martin Gugino to the ground. This city's Elmwood neighborhood is where the first Starbucks coffee shop successfully voted to unionize. After losing to India Walton in the Democratic primary, Byron Brown ran a write-in campaign for mayor of this city. A follower of the "Great Replacement" theory, Payton Gendron, (\*) live-streamed one event in this city on Twitch. This seat of Erie County saw 10 people killed in a mass shooting at the Tops supermarket. For 10 points, name this city in western New York.

ANSWER: Buffalo, New York <Current Events, Finan> [Ed. A. Gao]

7. Alexander Calder's "The Big Sail" is located outside of a building designed by *this architect*, which depicted an LED American flag on the 10th anniversary of 9/11. A large white dome for meteorological equipment is located atop a building designed by this architect, MIT's Green Building. Two theaters are connected to a glass pavilion in this architect's John F. (\*) Kennedy Presidential Library. High winds caused windows to fall off in a building designed by this architect. Boston's John Hancock Tower was designed by, for 10 points, what Chinese-American architect, who also designed a glass pyramid outside the Louvre?

ANSWER: I. M. Pei [or Ieoh Ming Pei] <Fine Arts - Visual, A. Gao> [Ed.]

8. This ruler killed their stepbrother Bekhter, as well as their friend Jamukha. This husband of Borte was kicked out of their clan after their father Yasugui was poisoned. This ruler fought and won at the Battle of Indus, helping them conquer the Khwarizmian ("were-is-me-an") Empire. This ruler implemented the (\*) Yassa Law Code and introduced the Uyghur script into their empire. After this ruler's son Jochi was poisoned, their son Ogedei succeeded them at Karakorum. This ruler was born as Temujin. For 10 points, name this founder of the Mongol Empire, the grandfather of Kubla Khan.

ANSWER: Genghis Khan [accept Temujin before mention; prompt on Khan] <History - World, Henry> [Ed. Koutsoukos]

9. A man in this novel is disliked due to him appearing Jewish, and is only known as "King of the Pressure Cookers." A patriarch in this novel cuts off three of a socialist songwriter's fingers after finding him in a shack on his estate. An earthquake devastates the title location of this novel. In this novel, a bride faints after receiving a rug made of her dog Barrabas. This novel is framed by (\*) Alba writing about her family, which includes a clairvoyant who predicts the poisoning of her sister, Rosa the Beautiful, before she is taken to Tres Marias. For 10 points, name this novel centering on the Trueba family, by Isabel Allende.

ANSWER: *The House of the Spirits* <Literature - World, Henry> [Ed. C. Gao]

10. This person was rumored to have an affair with Lorena Hickock. This person obtained permission for the building of the mining community of Arthurdale, Virginia. The National Youth Administration was spearheaded by this person, who wrote the column (\*) "My Day." This person resigned from the Daughters of the American Revolution after they refused to allow Marian Anderson, a black singer, to perform at Constitution Hall. The first chairperson of the United Nations Commission on Human Rights was, for 10 points, what wife of Franklin Delano Roosevelt.

ANSWER: Eleanor Roosevelt [or Anna Eleanor Roosevelt; both parts required; prompt on Roosevelt alone] <History - American, Vivekanandhan> [Ed. Koutsoukos]

11. A character created by this author attracts a policeman's suspicion after trying to drop the title object off a bridge. This author wrote a story in which Poprischin ("POP-rish-in") believes he's the heir to the throne of Spain. That story, in this non-Chinese author's collection *Arabesques*, is titled "Diary of a Madman." The title object of a short story by this author rides a (\*) stagecoach with a fake passport. Mrs. Podtochin is accused of witchcraft after the title feature of that story by this author is detached and found in a loaf of bread by the barber Yakovlevich. For 10 points, name this Russian author of "The Nose" and "The Overcoat."

ANSWER: Nikolai **Gogol** <Literature - European, Henry> [Ed. A. Gao/C. Gao]

12. The "perfect" variety of these substances is described in a Thiele modulus. Examples of these substances include Raney Nickel, while another is hurt by added lead acetate in a process called "poisoning." That one of these substances is palladium. Iron oxide acts as a (\*) heterogeneous example of one of these substances in the Haber-Bosch Process. These substances work by lowering the activation energy, and enzymes are biological examples of them. For 10 points, name these substances that speed up chemical reactions.

ANSWER: **catalyst** [prompt on enzymes before mention] <Science - Chemistry, Henry> [Ed. Khambekar]

13. This author wrote about the marriage between Gino Carella and Lillia Herriton in one novel, and they wrote about the title character asking Dr. Lasker Jones to cure his homosexuality in another. In a third novel, Leonard Bast impregnates Henry Wilcox's wife, Margaret Schlegel. This author of *Where Angels Fear to Tread* and *Maurice* wrote about Cecil Vyse proposing to a woman thrice before George Emerson marries Lucy (\*)

Honeychurch. In their most famous novel, Dr. Aziz is framed of rape by Adeala Queded. For 10 points, name this author of *Howard's End*, *A Room with a View*, and *A Passage to India*.

ANSWER: E.M. **Forster** [or Edward Morgan **Forster**] <Literature - British, Henry> [Ed. Khambekar]

14. A band with this number in their name shows the effects of being a U.S. veteran in the music video for their most successful single, "Wrong Side of Heaven." An Australian boy band with this number in their name released a song describing a girl with the title adjective before calling her lipstick stain a work of art. That song is (\*) "She Looks so Perfect." Another band with this number in their name featured people like Gal Gadot and Camila Cabello in the music video for their song "Girls Like You." For 10 points, name this number which appears in the band name "Seconds of Summer," and that follows "Maroon" in an Adam Levine-fronted band.

ANSWER: **five** [accept **Five Finger Death Punch**, **5 Seconds of Summer**, or **Maroon Five**] <Trash, Henry>

15. This composer based one work on James Joyce's *Finnegans Wake*, their Roaratorio. This composer often collaborated with Merce Cunningham and utilized the "gamut technique." This composer composed "Music of Changes" which used the I Ching ("ee cheeng"), and another piece by this composer uses a specially crafted organ that plays for 639 (\*) years. A "prepared" piano was used in a piece by this composer of *As Slow as Possible*, and features them sitting at a piano in silence for the title amount of time. For 10 points, name this American composer of 4'33".

ANSWER: John **Cage** <Fine Arts - Auditory, Henry> [Ed. Koutsoukos]

16. **A ruler of this empire took power after he was assisted by six nobles to kill a man pretending to be Bardiya; that man claimed to be the successor of Cambyses on the Behistun Inscription. Another ruler of this empire, who appointed Mardonius to take charge of the army in the disastrous Battle of (\*) Platea, was killed by his bodyguard Artabnus.** That ruler's navy was fighting the Battle of Artemisium while his army defeated Leonidas at Thermopylae. For 10 points, name this empire ruled by Xerxes and Darius the Great.

ANSWER: **Persian** Empire [accept **Achaemenid** Empire] <History - Ancient, Henry> [Ed. A. Gao]

17. **This group was nursed by Eupheme, whose son Crotus was friends with this group. Hypate, Mese, and Nete were a group of these beings that were worshiped at Delphi. These beings turned the Pleiades into magpies. The Hippocrene (\*) fountain is sacred to these beings, as is the mountain they're on, Mount Helicon, and they also lived at Mount Parnassus. Zeus fathered these beings with the titaness Mnemosyne. Clio and Calliope were examples of, for 10 points, what group of nine goddesses who presided over the arts?**

ANSWER: the **Muses** <RMPSS - Myth, Henry>

18. **One of these features created lines on the hills outside Missoula, Montana as well as Washington's Channeled Scablands, and was formed by the Cordilleran Ice Sheet. Namesake salt flats were left over by the largest one of these features in the Great Basin, named (\*) Bonneville.** That example of these features was formed in an endorheic basin, and its remnants include the smaller Sevier, Utah, and Great Salt ones of these features. For 10 points, name these bodies of water sometimes formed by ice dams blocking a river.

ANSWER: **lakes** [accept specific types of **lake**s and **pond**s; prompt on **flood**s before "salt flats" by asking "floods from what?"] <Science - Other, Macchi> [Ed.]

19. **This river's delta is home to the town of Astoria and the Cape of Disappointment. A LIGO observatory and plutonium mine are located in Hanford, a town on this river. The Multnomah Falls is located on this river, which is south of Walla Walla. A tributary of this river carves the deepest gorge in the US, Hells Canyon. The (\*) Snake River and Willamette River, which passes through Portland, are the main tributaries of this river.** For 10 points, name this river that flows through the Pacific Northwest and makes up the border between Washington and Oregon?

ANSWER: **Columbia** River <Geography - US, Finan> [Ed. A. Gao]

20. **The Duke of Brabant arrived late to this battle due to being at a christening, only to be killed during it. The victors of this engagement had earlier successfully besieged Harfleur, while the losing side, which largely fell to Thomas Epringham's division, was led by Charles d'Albert. The losers of this battle raided the victor's (\*) baggage train after skilled enemy longbowmen and a muddy terrain ensured their defeat.** For 10 points, name this battle fought on St. Crispin's Day 1415, a victory for Henry V during the Hundred Years War.

ANSWER: Battle of **Agincourt** <History - European, Henry> [Ed. Koutsoukos]