

# MSQB Madness II

## Packet 1

Written by: Claire Chan with a contribution by Conor Thompson.  
Written and Edited by: Aalok Bhattacharya, Andrew Gao, Cindy Gao, Charles Heydt,  
Aditya Khambekar, Lukas Koutsoukos, Sam Macchi, and Neev Sahgal.

*This page is empty to help people who wish to read these questions to themselves.*

## Tossups

1. **After losing his lover, a man confesses to an owl-shaped shadow in a novel in this language. A poem in this language ends “You dance inside my chest / where no-one sees you,” and is by the author of “The Song of the Reed.” A Eugene O’Neill play is titled after the line “Oh, Wilderness,” which appears in a poem in this language. The (\*) *Spiritual Couplets* are written in this language. “The moving finger writes; and, having writ, / moves on” in a poem in this language, that was translated by Edward FitzGerald. A poem in this language used by Rumi describes “a jug of wine, a loaf of bread, and thou.” For 10 points, what language did Omar Khayyam use to write the *Rubáiyát*?**

ANSWER: **Persian** [or **Farsi**] <Literature - World, Chan> [Ed. A. Gao/C. Gao]

2. **In Burmese myths, this thing is a child-eating demon, while in Chinese myths it is represented by a dragon named Hong. It’s not about agriculture, but the Zulu goddess of beer is also the goddess of this thing that Ix Chel is named after. In Māori myths, Hina travels across one of these things to cross the gap between the (\*) mortal world and the realm of the gods. In Aboriginal mythology, a serpent named for this phenomenon created the Dreamtime. One of these structures serves as the bridge between Asgard and Midgard and is named Bifrost. For 10 points, name this optical illusion governed in Greek mythology by Iris.**

ANSWER: **rainbows** <RMPSS - Mythology, Chan> [Ed. Khambekar]

NOTE TO PLAYERS: *Description acceptable.*

3. **One of these things may turn a number into a Unicode character, and is called CHAR. When two or more of these things rely on each other for a result, a circular dependency #REF (“reference”) error may occur. The dollar sign may make cell references in these things “absolute.” Though not an equation or expression, these things start with either the plus sign or (\*) equals sign. SUM and AVERAGE are some of these things used in programs like Google Sheets or Excel. For 10 points, name these spreadsheet things written in cells, represented by an  $f(x)$  (“f of x”) icon.**

ANSWER: **formulas** [or **functions** or **formulae**; accept descriptive answers; do NOT accept or prompt on “spreadsheets”] <Science - Other, A. Gao>

4. **A senator from this state was ordered to pause their speech and was told “protestors are in the building” at the start of the January 6th insurrection. Kendra Horn, who had previously lost this state’s conservative 5th district to Stephanie Bice, is running in its 2022 special Senate election. James Lankford is from this state, as well as a senator who rejected climate change by throwing a (\*) snowball on the Senate floor. The governor of this state, Kevin Stitt, signed into law a May 2022 no-exceptions abortion ban. James Inhofe is from, for 10 points, what state with cities like Tulsa?**

ANSWER: **Oklahoma** <Current Events, A. Gao>

5. **Some theories for the lack of speed of the vessels in this battle were that the fleet was trapped in “dead water.” Before this battle, propaganda swayed public opinion by calling a leader in it a “slave” to a fake “Isis.” That leader retreated from the Ambracian Gulf, where this battle took place, to take a defensive position. Following this battle, an (\*) asp bite killed the Queen of Egypt. Marcus Agrippa commanded a fleet during this battle and extensively helped consolidate the rise of the first Roman Emperor in its aftermath. For 10 points, name this battle in which Octavian’s navy defeated Marc Antony and Cleopatra.**

ANSWER: Battle of **Actium** <History - Ancient, Chan> [Ed. Bhattacharya]

6. **One character in this novel is named Vice-Shah of Oran, Imam of Damascus, and Caliph of Baghdad. A character in this novel repeats “I’m cold” after he is shot, leading another character to wonder “Where are the Snowdens of yesteryear?” In this novel, an IBM machine promotes a man stationed at (\*) Pianosa to Major Major Major Major. In this novel, requests to be removed from bombing raids are denied, since declaring insanity proves one to be sane. Yossarian is caught in the title paradox of, for 10 points, what World War II novel by Joseph Heller?**  
ANSWER: **Catch-22** <Literature - American, Chan> [Ed. A. Gao/C. Gao]

7. **A namesake “Development Project” on this body of water involves building a Russian Industrial Zone and New Ismailia City. The world’s longest swing bridge carries trains above this body of water. The Ballah Bypass expanded this body of water’s size in 2015. The Great Bitter Lake is located between a city formerly known as Port (\*) Tewfik and Port Said on this body of water. The opening of this waterway was commemorated by the construction of the Khedivial (“kuh-deev-ull”) Opera House in Cairo. For 10 points, name this Egyptian canal that connects the Red and Mediterranean Seas.**

ANSWER: **Suez** Canal <Geography - World, Sahgal/A. Gao> [Ed. A. Gao]

8. **Activating groups such as methoxy groups increase the rate of electrophilic substitution reactions involving compounds with this property. A compound with this property, possessed by the side chain of tyrosine, has an intermediate boat conformation that it adopts when it changes between two chair conformations. Compounds with this property that possess  $4n+2$  pi electrons are subject to (\*) Huckel’s Rule. Alkanes with twice the number of hydrogens as carbons must have, for 10 points, what property of a benzene ring?**

ANSWER: **cyclic** [accept **aromatic**; accept **ring** before mention] <Science - Chemistry, Heydt>

9. **Ansel Bascom attempted to prevent this event, citing a new property legislation. At the start of this event, a boy climbed through a window to unlock the Wesleyan Methodist Church door. During this event, Thomas McClintock read from Blackstone’s Laws. A (\*) ninth resolution created as a result of this event was proposed by Frederick Douglass. Lucretia Mott was the featured speaker at this event, who helped write a document based on the Declaration of Independence. For 10 points, name this New York convention centered on women’s rights, with speakers like Elizabeth Cady Stanton.**

ANSWER: **Seneca Falls** Convention <History - American, Chan> [Ed. A. Gao]

10. **In one essay, Federico García Lorca described “the dark sounds” of this art form. It’s not tap dance, but footwork may produce a clacking sound with nail-embedded shoes in this art form. This art form may have been repopularized after Manuel de Falla ran a competition for amateurs. A clicking sound in this art form, may be produced with (\*) castanets, and cupped hands are used clap in it. The painful tone used in this art form may represent the suffering of the Roma people who developed it. This dance is prominent in the Andalucia region of southern Spain. For 10 points, voluminous dresses worn by performers may imitate fire in what dance?**

ANSWER: **flamenco** [prompt on dance before “dance”] <Fine Arts - Auditory, A. Gao>

11. In May 2022, Derek Rodriguez was seen crying after being handed a baseball from a player on this team. During the last game of the 2021 season, this team's former third baseman Gio Urshela ran into the opposing team's dugout to catch a foul ball. A pitcher on this team dove on first base to get outfielder Steven Kwan out. That pitcher was (\*) Nestor Cortes. It's not the Texas Rangers, but the "short porch" benefits this team's left-handed hitters, such as Anthony Rizzo and formerly Joey Gallo. Giancarlo Stanton, Gerrit Cole, and Aaron Judge are players on, for 10 points, what MLB team also known as the "Bronx Bombers"?

ANSWER: New York Yankees [prompt on New York] <Trash, Sahgal>

12. People reading this text often do so with the aid of a small rod with a pointing finger at the end called a "yad" ("YODD"). Cantillation marks describe the proper intonation for reading this text, which is typically written on a scroll. Congregants carry copies of this text while singing and dancing during a holiday named for this text which immediately follows (\*) Sukkot. This text is split into sections called parashot which are read every week, the first of which is called "Bereshit," ("bear-uh-sheet") or "In the Beginning," and relates the creation of the world. The Five Books of Moses comprise, for 10 points, what holy book of Judaism?

ANSWER: the Torah [accept the Pentateuch; prompt on the Hebrew Bible; anti-prompt on Genesis] <RMPSS - Religion, Thompson>

13. A character in this poem says "I think we are in rats' alley / Where the dead men lost their bones" after the line "Speak. Why do you never speak." Mr. Eugenides asks this poem's narrator out for lunch. This poem describes a sailor "who was once handsome and tall as you," Phlebas the Phoenician. An "old man with wrinkled dug" who wanders an "Unreal City" in this poem is (\*) Tiresias ("tai-ree-see-uhs"). The phrase "HURRY UP PLEASE IT'S TIME" is repeated in this poem's section "A Game of Chess." This poem, dedicated to Ezra Pound, ends with "shantih shantih shantih." For 10 points, what poem opening "April is the cruellest month" was written by T.S. Eliot?

ANSWER: "The Waste Land" <Literature - British, Chan> [Ed. A. Gao/C. Gao]

14. A politician from this region was held hostage after playing football on his front lawn by members of the "Liberation Cell." This region's government was persuaded to approve the Constitution Act of 1982 at the Meech Lake Accords. The response "Just watch me" was given during the October Crisis, involving this region. While at (\*) Expo 67, Charles de Gaulle proclaimed "Long live free [this region]!" A 1960s period of change in this province is its "Quiet Revolution." This province's namesake "Bloc" party represents it federally. For 10 points, name this French-speaking Canadian province, with cities like Montreal.

ANSWER: Québec <History - World, A. Gao>

15. The results of this experiment were explained by the FitzGerald-Lorentz hypothesis. A conductor of this experiment later conducted it again with Dayton Miller. A block of sandstone used to conduct this experiment was suspended in a pool of mercury. In this experiment, an (\*) interferometer was used to detect a fringe shift. A yellow sodium flame's light was split by a beam splitter in this experiment. Two perpendicular beams of light traveled at the same speed, producing a null result in, for 10 points, what experiment that disproved the existence of the luminiferous aether?

ANSWER: Michelson-Morley experiment <Science - Physics, Khambekar>

16. **One person from this country wrote *A Memory of Solferino*, which led him to help found the “Committee of Five.” One man from this country met with Martin Luther at the Marburg Colloquy; that man was Huldrych Zwingli (“ole-trich z-wing-lee”). The St. Pierre Cathedral in this country was frequently used by (\*) John Calvin, which helped propagate his thinking during the Reformation. The Red Crescent Movement and International Red Cross were founded in this country, where several conventions on the rules of war were held in Geneva. For 10 points, name this country that has historically been neutral in wars, with cities like Bern and Zurich.**

ANSWER: **Switzerland** [or **Swiss Confederation** or **Confoederatio Helvetica** or **Schweiz** or **Suisse** or **Svizzera** or **Svizra** or **Schweizerische Eidgenossenschaft** or Confederation **Suisse** or Confederazione **Svizzera** or Confederaziun **Svizra**] <History - European, Bhattacharya>

17. **The gateway to a landmark in this state includes a tunnel through Mount Carmel. The Golden Throne may be found in a “wrinkle in the Earth” called Waterpocket Fold in this state. The most hoodoos in the world can be found in this state’s (\*) Bryce Canyon National Park. The “Devils Garden” area of a national park in this state, which contains features named “Landscape” and “Delicate,” is near its town of Moab. This state is the northwesternmost of states in the “Four Corners” region. For 10 points, name this state which contains Zion and Arches National Parks.**

ANSWER: **Utah** <Geography - US, A. Gao>

18. **This virus was initially named GRID and then 4H by the CDC, both of which were abandoned for being misleading. The policy of U=U, or “Undetectable=Untransmittable,” is most prominently used to talk about this virus to clarify that its high virulence does not apply if this virus is undetectable. The drug AZT was first used to treat this virus, although it may be better known as (\*) Retrovir for targeting the enzyme reverse transcriptase. This virus produces glycoprotein 120, which allows it to infect and kill CD4+ cells, such as white blood cells. For 10 points, name this virus that can lead to AIDS.**

ANSWER: **HIV** [or **Human Immunodeficiency Virus**; do NOT accept or prompt on “AIDS” or “HIV/AIDS”] <Science - Biology, Bhattacharya>

19. **This artist referenced Henri Poincaré’s (“on-ree poin-cah-ree’z”) ideas by randomly dropping three one-meter threads on a canvas and using them to make straightedges in 3 *Standard Stoppages*. This artist displayed miniature replicas of their own works in *Box in a Valise*. A work by this artist is viewed through peepholes in a wooden door and depicts a nude woman. This artist of *Étant donnés* put marble cubes in a cage in a work titled for their (\*) alter-ego, Rose Sélavy (“rose say-leh-vee”). This artist wrote “L.H.O.O.Q” on a postcard of the Mona Lisa with a mustache, and displayed a sideways urinal signed “R. Mutt.” For 10 points, name this Dadaist and readymade sculptor of *Fountain*.**

ANSWER: Marcel **Duchamp** [or Henri-Robert-Marcel **Duchamp**] <Fine Arts - Visual, Chan> [Ed. C. Gao]

20. **A character created by this author argues that she has “duties to [her]self” when asked what is more sacred than her duties to her family. After realizing it may ruin his town’s economy, Peter refuses to publish an article about contaminated spas in a play by this author. In another of this author’s plays, the protagonist shoots herself rather than be blackmailed by (\*) Judge Brack. One of this author’s characters is blackmailed by Krogstad after she forges her father’s signature to help her husband, Torvald. For 10 points, name this Norwegian playwright of *Hedda Gabler*, who created Nora Helmer in *A Doll’s House*.**

ANSWER: Henrik **Ibsen** [or Henrik Johan **Ibsen**] <Literature - European, Chan> [Ed. A. Gao/C. Gao]