

MSQB Madness II

Packet 6

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

Tossups

1. **This composer collaborated with the lyricist Irving Caesar on the song “Swanee.” In one of this composer’s operas, Sportin’ Life questions the Bible in the song “It Ain’t Necessarily So.” In an aria from that opera, Clara sings that “The fish are jumpin’/and the cotton is high.” That aria, (*) “Summertime,” is set on Catfish Row. This composer famously used taxi horns in another piece, and wrote many pieces with their brother Ira. Another piece by this composer begins with a clarinet trill and glissando. For 10 points, name this composer of “An American in Paris” and “Rhapsody in Blue.”**

ANSWER: George **Gershwin** <Fine Arts - Auditory, Zou> [Ed. Macchi]

2. **In a play by this author, Shen Te pretends to be her cousin Shui Ta to protect her neighbors, but slowly becomes ruthless and violent. This playwright broke the fourth wall as part of their distancing effect. This author of *The Good Woman of Setzuan* wrote a play “for beggars” featuring the “murder ballad” of “Mack the Knife.” In another play by this author, (*) Kattrin, Eilif (“ay-lif”), and Swiss Cheese die while the title figure works at a canteen wagon during the Thirty Years’ War. For 10 points, name this German playwright of *The Threepenny Opera* and *Mother Courage and Her Children*.**

ANSWER: Bertold **Brecht** <Literature - European, Zou> [Ed. C. Gao]

3. **Baptizing someone in this religion involves a ceremony known as “khanda di pahul,” in which a ceremonial sword stirs a mixture of water and sugar. In this religion, the *Panj Pyare*, or “five beloved ones” each walked into a tent to sacrifice themselves. Kitchens called (*) langars are located in this religion’s places of worship. Members of this religion pray in gurdwaras, such as the Golden Temple. Members of this religion believe in the 10 gurus, including Guru Nanak, and their holy book is the Guru Granth Sahib. Keeping hair uncut is “kesh,” one of the five ks of, for 10 points, what religion?**

ANSWER: **Sikhism** <RMPSS - Religion, Balachundhar> [Ed. Khambekar]

4. **These structures are impaired in Huntington’s disease, which may cause higher levels of oxidative stress and a release of reactive oxygen radicals. Cyanide’s toxicity happens since it targets these structures’ enzyme Complex IV (“FOUR”). One process that occurs in these structures involves the oxidation of acetyl-CoA; that process is the (*) Krebs cycle. These organelles exhibit folds called cristae, and these organelles have their own maternally-inherited DNA, similar to their chloroplast counterparts. For 10 points, name these organelles where cellular respiration produces a majority of ATP.**

ANSWER: **mitochondria** [accept **mitochondrion**] <Science - Biology, Hagen> [Ed. Bhattacharya]

5. **The Phanes examples of these things are among the earliest types of them known. King Croesus of Lydia is often credited with creating the first system of these things. Early examples of these things were made of electrum, an alloy of two precious metals. Roman examples of these things included the sestarius and the (*) denarius, while the Greek drachma was a silver example of these things. Due to the price of zinc and copper, some of these things engraved with Abraham Lincoln’s head lose the U.S. Mint millions of dollars. For 10 points, name these units of currency, modern examples of which include the nickel and penny.**

ANSWER: **coins** [prompt on money or currency with “What form of money/currency?”] <History - Other, Hagen> [Ed.]

6. **In this country, the world's largest underwater lake and Hoba meteorite are located near its town of Grootfontein. The German Empire targeted this country's Herero people in a genocide. In this country, a Chinese naval base is being built at Walvis Bay. This country's SWAPO party advocated for independence from (*) South Africa. This country owns the Caprivi Strip, which extends north of Botswana. Many shipwrecks are located on this country's Skeleton Coast. For 10 points, name this African country with capital at Windhoek.**

ANSWER: **Namibia** [or Republic of **Namibia**] <Geography - World, Balachundhar> [Ed. A. Gao]

NOTE TO MODERATOR: *read the answerline carefully before starting.*

7. **The luminosity of one type of these objects is proportional to the fourth power of their velocity dispersion according to the Faber-Jackson relation. Virgo names a supercollection of these objects. M51 and M33 are types of these objects named for pinwheels and (*) whirlpools, and M31, the closest of these objects to Earth, is expected to undergo a collision in 4-5 billion years. Hubble's tuning fork diagram classifies these objects based on their appearance. For 10 points, name these systems of stars which include Andromeda and the Milky Way.**

ANSWER: **galaxies** [accept specific types such as **elliptical galaxies**, **spiral galaxies**, or **irregular galaxies**; prompt on **clusters** on the Virgo clue by asking "What structures do clusters contain?"] <Science - Other, Yin> [Ed. Bhattacharya]

8. **A June 2022 Biden administration rule would extend Title IX ("NINE") protections to these people. Spencer Cox claimed "We care about you" and "It's going to be OK" after his veto on a bill concerning these people was overridden. Ron Desantis declared Emma Weyant the (*) "rightful winner" of an Olympic competition after coming behind one of these people. In 2021, Arkansas passed a law that prohibited hormone replacement therapy on these people. J.K Rowling was called a "TERF" for being opposed to these people. For 10 points, name these people contrasted with cisgender.**

ANSWER: **transgender** [accept **trans women** or **trans men** or clear knowledge equivalents; prompt on **LGBTQ+**] <Current Events, Zou> [Ed. A. Gao/Bhattacharya]

9. **In a short story by this author, Mary murders her husband with the leg of a lamb. This author of "Lamb to the Slaughter" had one of their novels adapted into a musical that features songs like "Naughty," where the title character dyes Mr. Wormwood's hair bright green. Another character created by this author is shrunk after being "sent by television," leading the (*) Buckets' grandson to win the title location. This author created a girl who uses her psychic powers against Miss Trunchbull, along with Willy Wonka. For 10 points, name this author of novels like *Matilda* and *Charlie and the Chocolate Factory*.**

ANSWER: Roald **Dahl** <Literature - British, Zou>

10. **In "My Head, My Heart," this person wrote about meeting Maria Cosway. The first US battle on foreign soil, the Battle of Derna, occurred under this president during the Barbary War. This president sent James Monroe to negotiate a treaty with the French ambassador Nemours. One criticism of this president's policies featured a snapping turtle named (*) "Ograbme," embargo backward. Due to disagreements with Alexander Hamilton, this president resigned as George Washington's Secretary of State. For 10 points, name this primary author of the Declaration of Independence and third US president.**

ANSWER: Thomas **Jefferson** <History - American, Zou> [Ed. A. Gao]

11. **Rollin films are made from an element from this group and exhibit the fountain effect. One element from this group is used with potassium-40 to radiometrically date samples. Neil Bartlett used platinum hexafluoride to prove that this group can be (*) reactive; the resulting compound formed was xenon hexafluoroplatinate. One element in this group is commonly used to fill balloons since it is lighter than air. For 10 points, name this group of non-reactive elements that have full valence electrons shells, examples of which include neon and helium.**

ANSWER: **noble gases** [or group **18** or group **8A** or group **VIIIA**; accept **inert gases**; accept **aerogens**] <Science - Chemistry, Hagen> [Ed. Bhattacharya]

12. **This painting is analyzed in the introduction of Michel Foucault's *The Order of Things*. This painting is set in a room in Alcazar Palace, where a small mirror in the background reflects Mariana of Austria. A man at the left of this painting has the (*) cross of the Order of St. James on his clothing and is believed to be its painter. A child rests a foot on a dog on the right side of the painting, while a girl in a large white dress is in the center. For 10 points, name this painting titled for the attendants to the Infanta Margarita, painted by Diego Velazquez.**

ANSWER: **Las Meninas** [accept **The Maids of Honor** or **The Ladies in Waiting**] <Fine Arts - Visual, Sahgal> [Ed. C. Gao]

13. **This poet describes "pain — so utter" that "swallows substance up" and "covers the Abyss with Trance" in one poem. In another poem by this poet, the speaker describes feeling "tighter breathing" and "zero at the bone" when seeing the title figure, "A narrow Fellow in the Grass." A third poem by this author describes a "blue uncertain stumbling (*) buzz" before the title death of a fly. This reclusive "Belle of Amherst" often included dashes in their poems. A carriage ride with immortality and death feature in a poem by, for 10 points, what author of "Because I could not stop for Death?"**

ANSWER: Emily **Dickinson** [or Emily Elizabeth **Dickinson**] <Literature - American, Zou> [Ed. A. Gao]

14. **The inverse of this quantity is the elastance. This quantity times resistance is equal to a circuit's time constant. This quantity can be added for devices in parallel since it is linear. The Leyden Jar was a device associated with this quantity, and modern devices associated with this quantity use (*) dielectrics. This quantity is equal to charge divided by voltage and can be stored by devices with parallel plates. For 10 points, name this quantity that measures the ability of a body to store charge, measured in farads.**

ANSWER: **capacitance** <Science - Physics, Hagen> [Ed. Bhattacharya]

15. **This battle was delayed due to poor weather, but began when Cordt von Brandis took Fort Douaumont ("dooh-ah-moo"). Côte ("koa-tuh") 304 was the site of an offensive during this battle, where supplies were transported along the Sacred Way. A French commander during this battle, Robert Nivelle, claimed "They shall not (*) pass!" The "Lion" of this battle later became the leader of Vichy France, Phillippe Petain. For 10 points, name this bloody World War I battle where French and German troops fought on the banks of the Meuse ("MUSE") River.**

ANSWER: Battle of **Verdun** <History - European, Sahgal>

16. **Before going on this route, people may see the Star Base celestial calendar at the Len Foote Hike Inn, near Amicalola (“uh-mee-kuh-LOW-luh”) Falls. An extension of this route prefixed “International” ends at Forillon National Park in the Gaspé (“GAS-puh”) Peninsula. This route ends at Springer Mountain and begins in Baxter State Park’s (*) Mount Katahdin (“kuh-TAH-din”).** The highest point on this route is Clingmans Dome in Great Smoky Mountains National Park, which is shared by North Carolina and Tennessee. White blazes on trees indicate, for 10 points, what trail through an eastern United States mountain range?

ANSWER: Appalachian Trail [or Appalachian National Scenic Trail; accept Appalaichan Path; accept Appalachian after “trail”; prompt on AT] <Geography - US, A. Gao>

17. **A drug addict in this show sells a container owned by his father, causing him to lose his father’s book. One character in this show is introduced on the moon, and another is introduced stopping a robbery. The villain of this show’s first season finale is known as “the white violin.” In this show, “The Kraken” can use trajectory curving to (*) always hit targets with knives.** A character on this show manipulates reality by starting untrue statements with “I heard a rumor.” It’s not Stranger Things, but a character named Number Seven in this show transitioned and is now named Viktor Hargreeves. For 10 points, name this Netflix show that stars Elliot Page.

ANSWER: The Umbrella Academy <Trash, Zou> [Ed. Sheffield]

18. **This dynasty’s first emperor established the Embroidered Uniform Guard, a secret police force. The Oirats, led by Esen Taishi, captured this dynasty’s Emperor Yingzong in the Tumu Crisis. This dynasty’s Hongwu Emperor won the Battle of Lake Poyang as a leader of the (*) Red Turban Rebellion.** Li Zicheng led the revolt that toppled this dynasty. This dynasty’s Yongle emperor constructed the Forbidden City and sponsored the naval voyages of the eunuch Zheng He. For 10 points, name this Chinese dynasty that ruled between the Yuan and Qing dynasties, known for its great porcelain vases.

ANSWER: Ming Dynasty <History - World, Hagen> [Ed. A. Gao]

19. **A man known as the Chinese version of this figure was a woodcutter who requested immortality from the Jade Emperor and was known as Wu Gang. This man fathered twins with his niece Tyro, who killed the twins upon hearing of his plot to kill her father, Salmoneus. This figure instructed his wife not to place a coin under his tongue, allowing him to escape the (*) Underworld.** Ares complained that nobody was dying in battle after this man bound Thanatos. For 10 points, name this man, who, after cheating death twice, was condemned to roll a boulder up a hill forever in Tartarus.

ANSWER: Sisyphus <RMPSS - Myth, Zou> [Ed. Khambekar]

20. **In this novel, The Oracle of the Hills demands to see a woman’s only daughter, which causes her to drag a girl to a cave. In this novel, a study was published by the District Commissioner, called “The Pacification of the Primitive Tribes” of a region. The protagonist of this novel, who wrestled with “Amalinze (“ahh-muh-lin-zee”) the Cat,” was exiled after his (*) gun went off and violated the Week of Peace.** That protagonist’s son takes on the name “Isaac” after Christian missionaries visit Umuofia (“you-mew-oaf-ee-ah”) in this novel. For 10 points, name this novel about the downfall of Okonkwo (“oh-konk-woah”) set in Nigeria by Chinua Achebe.

ANSWER: Things Fall Apart <Literature - World, Balachundhar>