

1. A team from this state put up 28 points to 0 in the fourth quarter to tie against another team from this state in a 1994 game that was rematched at the Sugar Bowl. That game, amusingly called “the Choke at Doak”, featured the Heisman-winning quarterback Steve Spurrier, who played for and coached a school in this state. A team from this state won a game against a local rival in 2016 after DeMarcus Walker blocked an extra point. In the 2009 BCS Championship Game, Oklahoma (*) lost to a team from this state, who had also won in 2007. Emmitt Smith played 3 years for a university in this state, where the first sophomore to win the Heisman played as well. Before playing for the Broncos, a star quarterback playing in this state became known for bending a knee to the ground in prayer. For 10 points, name this state where Tim Tebow played quarterback for the Gators.
ANSWER: Florida

2. A pair consisting of a symmetric matrix and a positive definite matrix always hold the simultaneous form of this property. Through Jordan decomposition, any square matrix can be written as the sum of a nilpotent matrix and another matrix with this property. Every Hermitian matrix has this property according to the spectral theorem. This property holds exactly when a matrix has geometric (*) multiplicity equal to algebraic multiplicity for all its eigenvalues, and its namesake procedure can be performed using a matrix with columns equal to its eigenvectors. For 10 points, give this property of a matrix which states that it is equal to P times D times P-inverse, where D has nonzero entries only when the row and column indices are equal.
ANSWER: diagonalizability [accept diagonalizable; do not accept or prompt on diagonal]

3. A character played by this actress explains “most of them were fish” when she shows a man a cemetery in her backyard for all her dead pets. That character played by this actress meets Andrew Largeman in a doctor’s office and tells him she is a compulsive liar; after giving her a ride home, he learns she actually has epilepsy. This co-star of Peter Sarsgaard and Zach Braff in (*) *Garden State* also co-starred with Eric Bana and Scarlett Johansson in *The Other Boleyn Girl*. After having a drink laced with ecstasy, a character played by this actress hallucinates having sex with a co-worker from a production at the Lincoln Center. Translated in one bootleg as “do not want”, after learning of this character’s death, a villain at the end of one movie screams “nooooooo”. For 10 points, name this actress who starred in *Black Swan* and as Padmé in the *Star Wars* prequels.
ANSWER: Natalie Portman or Neta-Lee Hershel

4. Two characters in this musical sing that they have been “joined by the gods of fortune” when comparing themselves to the sun and moon. In this musical, one character kills their cousin during the song “This is the Hour”. Gigi bitterly sings that “they swear like men, they screw like boys” in this musical, but that she cannot help dreaming of a better future in “The Movie in My Mind” while in the (*) Engineer’s brothel. This musical was the third collaboration between Claude-Michel Schönberg and Alain Boublil. At the end of this musical, Tam leaves with Ellen and Chris to be “an American boy” after his mother Kim fatally shoots herself. For 10 points, name this musical based on Puccini’s *Madama Butterfly*, set during the Vietnam War.
ANSWER: Miss Saigon

5. According to *The Long Life of Saint Gerard*, a ruler with this name was opposed by the chieftain Ajtony, who was defeated and de-tongued at Tomnatic. A ruler of this name established the Žižka monastery and was the brother of Saint Sava. That ruler with this name used a conflict with Bulgaria to overthrow his brother, Vokun, and elevated the Nemanjić family to the status of kings in 1217. After a battle at Veszprém, a ruler with this regnal name paraded the quartered body of his cousin Koppány, and later used scorched earth tactics to repel an invasion by Conrad II. A ruler of this name was the “first-crowned” of (*) Serbia. Another ruler of this name received a crown from Sylvester II during his unification of the Carpathian basin and was the first member of the Arpad family to enforce Christian hegemony. For 10 points, give this regnal name of the canonized first king of Hungary.
ANSWER: Stephen [accept Istvan or Stefan]

6. A song in this genre includes the lyrics “music never lets you down, puts a smile on your face” and references Duke Ellington before instructing “clap your hands, clap your hands”. The “Munich Sound” of this genre was developed by the song “Love to Love You”. A song in this genre describes “I really wasn't carin', but I felt my eyes starin', at a guy who stuck out in the crowd”. A straight artist accidentally recorded a future LGBT anthem in this genre because she didn't know the meaning behind the title (*) “I'm Coming Out”. House music came about in Chicago out of the aftermath of this genre, which brought international success to the group Sister Sledge. A song in this genre begins with the lyrics “at first I was afraid, I was petrified”. For 10 points, identify this dance genre popular in the 1970s, recorded by Gloria Gaynor, and its queen, Diana Ross.

ANSWER: Disco

7. In this country, a festival welcoming Ramadan involves the firing of a cannon and a parade with white make-up. In an occasion postponed due to the coronavirus, migrant workers living in this country's cities return to their home villages en masse for Eid Al-Fitr in a migration described by the local term *mudik*; that occasion is a national holiday called Lebaran. The spread of Islam to this country is traditionally attributed to the (*) “Nine Saints”. In 2019, a Christian governor of this country's capital was freed after serving two years for blasphemy. In *Islam Observed*, Islam in Morocco and this country are contrasted by Clifford Geertz, who also wrote *Deep Play* about practices in this country, including a cockfight one on of its islands. For 10 points, name this Asian country with the largest population of Muslims in the world.

ANSWER: Indonesia

[Mudik has been used to describe similar migrations in other countries but originates in Indonesia]

8. An author from this country wrote that “if they could, the trees would lift you/and carry you from valley to valley” in the poem “Pine Forest” and stated that “the heart of him who joins us not/is turned to dust, to dust” in “Those Who Do Not Dance”. A poet from this country wrote of “wicked hands” tragically entering a crib “in a snow of lilies” and described a visit to the grave of their mother in the collection *Tala*. That poet from this country wrote “I will lay you in the sunny earth” in (*) *Sonnets of Death*. One poet from this country wrote of stars that “shiver in the distance” and that “tonight I can write the saddest lines” in *Twenty Love Poems and a Song of Despair*. For 10 points, name this country home to the poets Gabriela Mistral and Pablo Neruda.

ANSWER: Chile

9. The owner of one of these businesses shouts “if you really wanted to mess me up, you should have gotten to me earlier” out the window at a woman about to drive away. On one show, Ukrainian actress Ivanna Sakhno plays Kat, an ex-girlfriend of the owner of one of these businesses in Crown Heights. Jack Black's breakout role came in a movie based on a (*) Nick Hornby novel about employees of one of these businesses. A Hulu series about Robyn Brooks and a movie about Robert Gordon are both about protagonists who own one of these businesses, who both create a top 5 of their most memorable breakups and “desert island” lists of the products they sell. For 10 points, name this kind of business run by characters played by Zoë Kravitz and John Cusack in both iterations of *High Fidelity*.

ANSWER: record store

10. In the preface to one book, this thinker used the term “foreground evaluations” to describe how we view the world based on what is near to us. This thinker wrote that philosophers had created an “involuntary and unconscious memoir” by searching for objective truth to justify their own prejudices. In one book, this thinker traces the advent of the Western conception of love as passion to the songs of (*) Provençal troubadours. This thinker called himself an “immoralist” and declared his “Campaign Against Morality” in the book *Daybreak*. This thinker believed in the transvaluation of values to counteract Western Christianity, which existed in a state between master and slave morality. For 10 points, name this enigmatic German thinker who wrote *The Gay Science* and *Beyond Good and Evil*.

ANSWER: Friedrich Nietzsche

11. **The makers of this game hired 100 social media influencers to “tease” news about it during Super Bowl halftime, the day before its surprise release. This game’s “Global Series” was to be a set of four major tournament played over 2020. As of September 2020, ImperialHal, Albralelie, and Reps are the three most successful players of this game. The makers of this game, (*) Respawn Entertainment, use they/them pronouns when talking about non-binary character Gibraltar. This game’s fourth season, called Assimilation, introduced a master tier for ranked play, lava flows and the new “World’s Edge” map, and the Sentinel rifle. After its release in February 2019, this game was briefly viewed as the “Fortnite-killer” until its streaming stats fell dramatically as people stopped being paid to stream it. For 10 points, name this battle royale game set in the *Titanfall* universe.**

ANSWER: Apex Legends

12. **The initial voice cast of this show from Saban Entertainment in Vancouver was replaced after two seasons by a cast from Texas, and re-recorded these seasons with extra scenes with Christopher Sabat. A time traveler warns the protagonist of this show that two artificial humans will avenge the Red Ribbon Army, which he had defeated as a child. A place on this show with ten times the gravity of the Earth, where one year inside is one day outside, is a training area called the (*) Hyperbolic Time Chamber. This show begins five years after the protagonist marries Chi Chi, and a revised edition of this show was aired called Kai. At the start of this show, the main character learns from Raditz that he is part of an alien race of super-fighters called the Saiyans. For 10 points, identify this iconic anime known for ridiculously long fights between characters like Gohan, Vegeta, and Goku.**

ANSWER: Dragon Ball Z [do not accept or prompt on just “Dragon Ball”]

13. **On the final song on one of their self-titled solo albums, an artist with this surname sings “I take the worst of what you got, it hurts more than sticks and rocks”. An artist with this surname sings “and every time you smile, you laugh, you glow” on the title track of the 2008 album *A Little Bit Longer*. In a bridge, an artist with this surname sings “just dance in the living room, love with an attitude”; that song is from the album (*) *Happiness Begins*. On a solo track, an artist with this surname sings “I turn my chin music up, and I’m puffing my chest”. On a song suspiciously similar to Portugal the Man’s song “Feel It Still”, an artist with this surname sings “you say the word and I’ll go anywhere blindly”. For 10 points, identify this surname of three brothers who together recorded “Lovebug” and “Burnin’ Up” in the 2000s, and newer songs like “Only Human” and “Sucker”.**

ANSWER: Jonas

14. **The Indian town of Tipu Sultan Beach renamed itself after this ruler in solidarity with his “anti-Imperialist stance”. This person allegedly made deals with George Galloway and Charles [SHARL] Pasqua to illegally lobby on his behalf. This person formally took power after conducting a dramatic party purge in 1979 recorded on videotape, which prevented unification with its western neighbour and removed President (*) Ahmed al-Bakr from power. This leader ordered the Halabja chemical weapons attack during the Al-Anfal campaign, and entered the Oil-for-Food programme to alleviate the effects of sanctions imposed during Operation Desert Storm. For 10 points, name this Ba’ath party leader who invaded Kuwait during the Gulf War, the longtime dictator of Iraq.**

ANSWER: Saddam Hussein Abd al-Majid al-Tikriti [accept either underlined]

15. **One character in this film looks at another’s sleeping body through a hole after he removes a roofing tile in the morning. The main characters of this film begin drinking a mixture of honey and turpentine after they run out of alcohol. One character in this film repeatedly receives visions of a dead body floating among a set of logs. One character beseeches (*) Triton to curse another after the other refuses to declare that he likes his cooking. A northward wind begins in this film after one character beats a one eyed seagull to death against a cistern. One character in this film’s real name is Thomas Howard, but he claims that he is a man named Ephraim Winslow.**

For 10 points, name this psychological horror movie by Robert Eggers, starring Robert Pattinson and Willem Dafoe.
ANSWER: The Lighthouse

16. **This non-Pennsylvanian team lost in the last NHL playoff game to hit 5 overtime periods. Neal Broten served as this team's captain for just 17 games after replacing Mark Tinordi. In 2007, this team gave up a last second lead to the Edmonton Oilers after Patrik Stefan missed a clear empty net shot. In the 2019 Stanley Cup Playoffs, this team lost game seven of the Western Conference semifinals in double overtime after (*) Patrick Maroon won it for the Blues. In this team's only Stanley Cup victory in 1999, Brett Hull controversially scored a goal with his foot in the crease. This team dropped the word "North" from their name after relocating from Minnesota.** For 10 points, name this Texan NHL team where Tyler Seguin and Jamie Benn play.
ANSWER: Dallas Stars (accept either part individually)

17. **A Slovenian dish made primarily with this ingredient called *funžterc* is traditionally eaten by coal miners. This is the main ingredient in an Italian dish named for horseradish, *rafanata*. A dish primarily made with this ingredient was developed in Mont-Saint-Michel by Mother Poulard. This ingredient is the main ingredient in a circular Spanish dish made with (*) potatoes and optionally onions, sometimes referred to by the deceptive name "tortilla española". The difference between a Croque monsieur and a Croque madame is that the latter sandwich is topped with this ingredient. This is the main ingredient in an Italian dish often filled with leftover pasta, meat, or vegetables called a *frittata*.** For 10 points, name this main ingredient in omelettes.
ANSWER: chicken egg [accept fried egg]

18. **A banned play sometimes titled for this author caused a major rift between Konstantin Stanislavski and Mikhail Bulgakov and is called *The Cabal of Hypocrites*. A play by this author was adapted into the musical *The Amorous Flea*. In a play by this author, a would-be lover is forced to perform after entering the central character's house disguised as a music teacher. One of this author's characters raises his intended wife in a nunnery so that she will never (*) cuckold him. The central character in a play by this author promises Angélique's hand to the doctor Thomas Diafoirus. In another one of this author's plays, the title religious hypocrite tries to seduce Orgon's wife, Elmire.** For 10 points, name this French playwright of *The School for Wives*, *The Imaginary Invalid* and *Tartuffe*.
ANSWER: Molière [or Jean-Baptiste Poquelin]

19. **In one opera set in this country, a horn echoes the singer every time the word "cacciator" is sung in the aria "Va tacito e nascosto". In that opera, a queen uses the alias Lidia to seduce a man. In another opera set in this country, Psalm 104 is sung offstage after the title character sings the "Hymn to the (*) Sun"; that opera is sung in various ancient languages like Akkadian and Hebrew. While in this country, a captive slave sings about her homeland in "O patria mia". Verdi made a specific trumpet to play the triumphal march of his opera set in this country, in which the title character dies in Radamès's arms as priests sing a prayer to Ptah.** For 10 points, name this country in which the operas *Giulio Cesare*, *Akhmaten*, and *Aida* are set.
ANSWER: Ancient Egypt

20. **This compound's biosynthesis was the first pathway where c-di-GMP was discovered, in which it binds to BcsA-B complexes to initiate synthesis of this compound. This compound is deposited in perpendicular directions in one structure's S1 layer, but unidirectionally in that structure's S2 and S3 layer. The discovery that this compound is produced by ascidian tunicates disproved the belief that it cannot be made by animals. This compound is synthesized by an enzyme located in (*) hexameric rosettes in the plasma membrane, which generate microfibrils of this compound. Pectin often crosslinks this compound, which Lignin clusters bind to. Hindgut fermenters and ruminants are the only mammals that can metabolize this compound.** For 10 points, name this carbohydrate macromolecule, the primary component of most plant cell walls.
ANSWER: cellulose

Bonuses

1. The making of footage from this movie's most famous scene shows that star Harold Lloyd was never in danger, as they moved a set placed on the middle of the roof of progressively taller buildings. For ten points each:

[10] Name this movie, in which Lloyd dangles from the edge of a skyscraper after moving to the city to "make it good".

ANSWER: **Safety Last!**

[10] Another not-actually-dangerous silent movie stunt is performed by this character, who roller skates precariously close to a fall down to the bottom floor of a department store in the 1936 movie *Modern Times*. In reality, the height was simulated by a picture placed in front of the camera.

ANSWER: The **Tramp**

[10] Two halves of this actress' face were filmed separately and combined in a matte shot using a detailed silhouette to kiss herself. This Canadian actress was known as "America's Sweetheart" and "Queen of the Movies" and was married to Douglas Fairbanks for 16 years.

ANSWER: Marie **Pickford** or Gladys Louise **Smith**

2. This novel opens by describing the clownish Moché the Beadle who tells "the story of his own death" in the town of Sighet. For 10 points each,

[10] Name this novel described by its author as a "deposition." This novel saw substantial revision upon its 1958 translation into French.

ANSWER: **Night** [or **Un di Velt Hot Geshvign** or **La nuit**]

[10] In *Night*, Elie Wiesel describes his journey from a town in Transylvania to this location. Primo Levi's memoir *If This is a Man* describes his "survival" in this concentration camp.

ANSWER: **Auschwitz**

[10] This German author described a Czech refugee's later efforts to uncover the fate of his parents during the Holocaust in *Austerlitz*. This author of *The Rings of Saturn* often included idiosyncratic black-and-white photos in his novels.

ANSWER: Winfried Georg "Max" **Sebald**

3. The C-section of this piece begins with multiple bars of repeated sixteenth note As in the left hand with the following right hand downbeat chords: C-sharp diminished seventh, D minor, G-sharp diminished seventh without the B, A minor. For 10 points each:

[10] Name this A-minor piece, which was only discovered 40 years after its composer's death by Ludwig Nohl.

ANSWER: **Fur Elise** [or **Bagatelle** No. **25** in A minor]

[10] Name the composer of Fur Elise, whose other piano works include the "Moonlight" Sonata.

ANSWER: Ludwig van **Beethoven**

[10] Another Beethoven work for solo piano, whose variations on a theme he would later use in this Symphony's 4th movement, which he first used in the finale of his *The Creatures of Prometheus* ballet.

ANSWER: Symphony No. **3**, "**Eroica**" [accept either underlined portion]

4. Alvin Robertson set the NBA record of 301 of this stat in one season, while Scottie Pippen has the record in this stat in playoff games. For ten points each:

[10] Name this stat, which was led in the 2019-2020 season by Ben Simmons with 209. At 3,265, John Stockton is the all-time record holder for this stat in addition to his record in assists.

ANSWER: **steals**

[10] This hall-of-famer who played 14 years for the Lakers recorded 217 steals in the '73-'74 season, the first that the stat was recorded in. This player is the only in history to be named NBA Finals MVP despite losing the series because he averaged almost 38 points a game.

ANSWER: Jerry **West**

[10] This player led the NBA in steals in the 1980, 1983, and 1985 seasons, but doesn't register high on the career lists because he only played 8 seasons in the NBA after getting banned for violating the league's drug policy.. This guard still has the second highest steals per game.

ANSWER: Michael Ray **Richardson**

5. In an episode of this show, a bet about kicking an addiction to video games is complicated by the gift of a brand new console called the Game Sphere. For ten points each:

[10] Name this show, about two stepbrothers with opposite personalities and their evil stepsister, Meghan. One of this show's stars, surnamed Bell, wrote and recorded its theme song called "I Found A Way".

ANSWER: **Drake and Josh**

[10] Drake and Josh featured Miranda Cosgrove as Meghan, who would later star in this show as the title host of an internet show. Josh Nichols and this show's Freddie Benson share similar nerdy energy.

ANSWER: **iCarly**

[10] Before playing Spencer on iCarly, Jerry Trainor played this character on Drake and Josh, who in one episode temporarily quits his job at the local movie theatre after Josh complains about a wobbly drink holder. This character, a big fan of Dora the Explora, has severe anger issues.

ANSWER: "Crazy" **Steve** (or Steve William James)

6. The paper that first highlighted these people describes how they have a "shrine room" where secret rituals are performed and magic potions are stored. For ten points each:

[10] Name these people, which title a paper by Horace Mitchell Miner about their "Body Ritual". Miner also notes how these people have a cultural hero called Notgnihsaw who is known for two feats of great strength, including cutting down a tree in which "the Spirit of Truth resided".

ANSWER: the **Nacirema** [prompt on Americans and ask for the specific term]

[10] Body Ritual among the Nacirema was first published in *American Anthropologist*, which was founded by Daniel Brinton, John Wesley Powell, and this thinker, the "Father of Anthropology". This thinker wrote *The Mind of Primitive Man* and taught Zora Neale Hurston at Columbia.

ANSWER: Frans **Boas**

[10] One of the parodic works in Nacirema studies is titled "The Retention of Folk Linguistic Concepts and the ti'ycir [te-ye-sir] Caste", which describes work done within these institutions. These institutions have been criticized for being the *start* of a "pipeline" that ends in prison.

ANSWER: **schools**

7. This castle was held for seven years by the Lancastrians until it surrendered in 1468 to Yorkist troops, the longest siege in the history of the British Isles. For 10 points each:

[10] Name this castle, which withstood a siege by Madog ap Llywelyn between 1294 and 1295. That siege inspired a traditional song about the "Men of" *this castle*.

ANSWER: **Harlech** Castle

[10] Harlech Castle is located in this constituent country of the United Kingdom. Owen Glendower led rebels in this constituent country, and held the title of Prince of this Constituent Country.

ANSWER: **Wales** [or Cymru]

[10] Harlech Castle was built by this King of England. This king defeated William Wallace at the Battle of Falkirk.

ANSWER: **Edward I** Plantagenet [or **Edward Longshanks**]

8. This molecule may be responsible for cracking found in your tires, as it reacts with elastomers. For 10 points each:

[10] Name this triatomic molecule, which makes up a UV-protective layer of the atmosphere.

ANSWER: **ozone** or **O₃**

[10] Ozonolysis reactions with this class of hydrocarbon forms diketones or acid anhydrides, rather than complete lysis to a carbonyl.

ANSWER: **alkyne**

[10] During an ozonolysis reaction without other indicators, ozone is added to an alkene solution until the solution turns this colour, indicating that all the alkene has been reacted.

ANSWER: **blue**

9. This band's album *My War* features unusually slow, sludgy songs that alienated hardcore fans. For 10 points each:

[10] Name this punk band, fronted in the early 80s by Henry Rollins which recorded *TV Party*, *Six Pack*, and *Rise Above*. This band's logo, of four bars of their namesake colour, was graffiti'd all over Los Angeles during their peak.

ANSWER: **Black Flag**

[10] My War, and sludge music by bands like the Melvins, is heavily influenced by this band fronted by Ozzy Osbourne. This band, basically the first to record metal music, recorded songs like *Paranoid*, *War Pigs*, and *Iron Man*.

ANSWER: **Black Sabbath**

[10] Through his label SST Records, Black Flag member Greg Ginn signed a punk band inspired by Rastafari named *this adjective* Brains. Greg Graffin leads a punk band called *this adjective* Religion.

ANSWER: **Bad**

10. The introduction of the steppe lancer unit in this game's "Definitive Edition" caused the Cumans to be by far the most powerful civilization until a December 2019 patch. For 10 points each,

[10] Name this game, which has received several expansions including "The Forgotten" and "African Kingdoms" since its 1999 release.

ANSWER: **Age of Empires II: The Age of Kings** [or **AOE2**; do not accept or prompt on *Age of Empires*]

[10] The Cumans' overpoweredness partly stemmed from their ability to build two of these buildings in the Feudal Age. This only starting building in most AOE2 game modes is used for villager creation and age advancement.

ANSWER: **town center**

[10] The AOE2 Definitive Edition is a marked improvement over the glitchy "HD Edition" released in 2012 on this Valve gaming distribution service. This service is responsible for 75% of PC game digital distribution.

ANSWER: **Steam**

11. John Banville adapted this play in translation, setting it in an Irish village during the famine. For 10 points each:

[10] Name this Heinrich von Kleist play in which Judge Adam flees court after being confronted by the country-girl Eve over the title object.

ANSWER: **The Broken Jug** [or **The Broken Pitcher** or **Der zerbrochne Krug**]

[10] This author and playwright staged the first version of *The Broken Jug*. This author wrote the plays *The Natural Daughter* and *Torquato Tasso*, as well as a play in which the title character stabs his love's brother, Valentin.

ANSWER: Johann Wolfgang von **Goethe**

[10] In this aforementioned Goethe play, Mephistopheles gives the title character youth in return for his soul. Part I of this play ends with Gretchen physically abandoned but divinely saved in a prison cell.

ANSWER: **Faust: a Tragedy**

12. During this event, Vishnu's 10th avatar, Kalki, will appear riding a white horse in order to cleanse the world of vice. For 10 points each:

[10] Name this event that in Christian scripture is similarly associated with the arrival of four horsemen.

ANSWER: **the end of the world** [accept clear equivalents; accept **apocalypse**, **armageddon**, or **the end of the universe**; accept answers indicating **the restarting of the cycle** of the universe]

[10] Kalki's nemesis is this demon, the source of all evil in the *Kalki Purana*. This demon rules over and lends his name to the current age, or *yuga*, and is not to be confused with the similarly named slayer of Raktabija.

ANSWER: **Kali** [The similarly named goddess is Kāli]

[10] Unlike Vaishnavite eschatology, the Brahma Kumaris movement believes that the Kali Yuga will end with one of these events. The Japanese cult Aum Shinrikyo believed only its members would be saved from one of these events, which was supposed to occur in 1997.

ANSWER: **nuclear war** [or **nuclear holocaust** or **nuclear armageddon** or **nuclear apocalypse**; prompt on war or World War III]

13. The direction of this quantity is determined by Lenz's Law. For 10 points each:

[10] Name this quantity, equivalent to the open-circuit voltage drop across a two-terminal electrochemical cell. It is equal to minus the time derivative of magnetic flux through a closed conducting loop.

Answer: **electromotive force** or **EMF**

[10] The EMF is the negative time derivative of the magnetic flux according to this British physicist's law of electromagnetic induction.

Answer: Michael **Faraday**

[10] Faraday's law can be partially reformulated as the Maxwell-Faraday equation, one of Maxwell's equations. It states that the negative time derivative of the magnetic field is equal to this operation applied to the electric field.

Answer: **curl**

14. Von Lettow-Vorbeck commanded a force of 14,000 soldiers, most of them East African local who served in the armies of the European colonial powers known by this term. For 10 points each:

[10] Identify this term. Germany recruited most soldiers known by this term from the Wahehe and Angoni peoples.

ANSWER: **Askari** [or **Schutztruppe**]

[10] Von Lettow-Vorbeck primarily operated in this modern-day country, where his exploitation of local communities resulted in a famine. The Battle of Tanga was fought in this modern-day country, which comprised the vast majority of the territory of German East Africa.

ANSWER: **Tanzania**

[10] Von Lettow-Vorbeck's East Africa Campaign occurred during this war, after which German East Africa was disestablished. The famine caused by Von Lettow-Vorbeck's campaign during this war resulted in increased susceptibility for Africans to Spanish Influenza afterwards.

ANSWER: **World War One**

15. According to the side bar, the most important rule on this subreddit is "Just Post" and that "if you've never had a post or comment removed it means you haven't been posting enough". For ten points each:

[10] Name this subreddit, which has evolved from a place dedicated to depressingly relatable content into an inscrutable center of new meme production. All posts on this subreddit must have the same short phrase in their title, which is also the name of the community.

ANSWER: **me_irl**

[10] The fans of more depressing content on the old me_irl have fled to this newer subreddit, for posts that "hit too close to home for me_irl". The top rated post on this subreddit is Miranda Sun saying "the dream of every college student in America" is "getting run over by a bus on campus". This sub's sidebar refers people to r/depression for help.

ANSWER: **2meirl4meirl**

[10] One of the top rated posters on me_irl reads "after all *these people* are dead do yall wanna change to metric or nah". These people, a demographic antagonized on me_irl, are told "ok" in a defining meme of 2019.

ANSWER: **boomers**

16. Shortly after being left by her husband who steals other people's jokes, the title character nicknamed Midge of this show meets Lenny Bruce after they were both arrested for obscenity during their acts. For ten points each:
[10] Name this show on Amazon Prime Video, about a Jewish woman hustling in the stand-up comedy world of 1950s New York.

ANSWER: The **Marvellous Mrs. Maisel**

[10] The Marvellous Mrs. Maisel was created by this writer, the first woman to win Comedy Emmys for writing and directing. This director also created, wrote for, and produced Gilmore Girls, which had 44 episodes written by her husband and collaborator Daniel.

ANSWER: Amy **Sherman-Palladino**

[10] Rachel Brosnahan, the actress who plays Midge Maisel, also played a sex worker named Rachel who becomes entangled with scandal around Peter Russo on this show. Doug would become enamoured with Rachael despite his professional responsibilities on this show.

ANSWER: **House of Cards**

17. A dog lies behind a young woman sitting by a window clutching a bouquet of flowers and this title object in a painting by Jean-Honoré Fragonard. For 10 points each:

[10] Name this item, which also titles a Jan Vermeer painting. In that painting, an open doorway frames a scene in which a seated woman in yellow holds a lute and this item that her maid has just handed her.

ANSWER: **love letter** [prompt on letter]

[10] Vermeer painted many scenes with love letters, including one where a woman wearing this colour stands by an open window to read her letter. Vermeer favoured this colour, which he used along with yellow for the turban in *Girl With a Pearl Earring*.

ANSWER: **blue**

[10] In Vermeer's *The Love Letter*, these items by the door symbolize the sexual aspect of the scene. In Fragonard's *The Swing*, this item in the air symbolizes lost innocence or promiscuity.

ANSWER: **slipper** [accept **clog** or **shoe**, prompt on any other footwear]

18. In 2019, this player became the first quarterback to ever throw for 30 touchdowns and 30 interceptions in the same season. For 10 points each,

[10] Name this now-Saints quarterback. This player's first team drafted him first overall in 2015 after a Heisman-winning career at Florida State.

ANSWER: Jameis **Winston**

[10] Winston began his career with this Florida-based team. In between their 2002 Super Bowl win and the arrival of Tom Brady, this team's strongest claim to relevance was its in-stadium pirate ship.

ANSWER: The **Tampa Bay Buccaneers** [accept either underlined, accept **Bucs**]

[10] Winston got his revenge as one of three Saints to complete a pass in a 38-3 week 9 blowout of the Bucs, along with Drew Brees and this gadget player out of BYU.

ANSWER: Taysom **Hill**

19. In the music video for this song, a man in a MAGA hat tries and fails to shoot a black man, and the ensuing fight only ends after a little girl screams "stop". For ten points each:

[10] Name this song, which repeats the phrase "my mama told me, boy, make good decisions", which the artist ignores in favour of the title way of seeing.

ANSWER: **Tunnel Vision**

[10] The beat for Tunnel Vision was made by this ubiquitous producer, who "wants some more" in one tag. Future will shoot you if this producer of "Rick Flair Drip", "Mask Off", "Bad and Boujee", and "Jumpman" doesn't trust you.

ANSWER: **Metro Boomin** or **Young Metro** or Leland Tyler **Wayne**

[10] Metro Boomin's 2018 album *Not All Heroes Wear Capes* includes this synth-heavy song, which features Gunna singing "big white mansion is my habitat, aim a lot of sticks like it's laser tag". Gunna also references Ric Flair Drip with the line "it's the Boominati, guys, we are not the devil" on this song.

ANSWER: **Space Cadet**

20. A character played by this actress named Destiny is mentored by Ramona after being impressed by her performance at a club called Moves. For 10 points each:

[10] Name this actress, whose breakout role is the mother of Emery, Evan, and Eddie Huang, and the wife of the owner of a western-themed steakhouse in Orlando.

ANSWER: Constance **Wu**

[10] Along with *Hustlers* and *Fresh Off the Boat*, Wu played Rachel Chu in this smash-hit rom-com. Wu plays a professor who travels to Singapore to meet her fiancé's family in this movie.

ANSWER: **Crazy Rich Asians**

[10] Nick Young, Rachel's dreamy fiancé in *Crazy Rich Asians*, is played by this half-English, half-indigenous Malaysian actor. This actor also co-starred opposite Emilia Clarke in the rom-com *Last Christmas*.

ANSWER: Henry Ewan **Golding**