

2020 Matt Cvijanovich Memorial Tournament:

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Packet 8

1. This president was the subject of a Supreme Court case that ruled the president is immune to civil charges during his time in office. This president appointed Warren E. Burger to the Supreme Court to replace Earl Warren. A Supreme Court case involving this president asserted that the lack of military or diplomatic secrets present meant executive (*) privilege did not allow him to ignore a subpoena; that case involved the Saturday Night Massacre. For 10 points, name this president who was ordered by the Supreme Court to turn over tapes related to the Watergate scandal.

ANSWER: Richard Nixon <Lalit Maharjan>/<ed. GE>

1. Alexander MacLeod was arrested for helping to attack this event's target. For 10 points each:
[10] Name this diplomatic crisis that occurred on the Niagara River when the namesake ship captained by William Lyon Mackenzie was burned and destroyed.

ANSWER: USS Caroline Affair

[10] The USS *Caroline* was under the control of the Upper Canada Rebellion, which was fighting this colonial power. This country's Thirteen Colonies revolted and became the United States.

ANSWER: England [accept Great Britain or the United Kingdom; accept the U.K.]

[10] Martin van Buren sent this general to secure the Canadian border after the Caroline incident. This one-time Whig Presidential candidate led the siege of Veracruz and captured Mexico City in the Mexican-American War.

ANSWER: Winfield Scott [prompt on Old Fuss and Feathers or Grand Old Man of the Army] <Shohom Chakraborty>/<ed. GE>

2. A group of these people with speech impediments were mocked during Wendell Johnson's controversial Monster Study. These peoples' reaction to Eleanor Gibson's Visual Cliff experiment demonstrated an innate sense of depth perception. Walter Mischel explored deferred gratification during an experiment in which these people were given (*) marshmallows. Object permanence is learned by these people during their sensorimotor stage of development. Jean Piaget studied, for 10 points, what people, who play with toys and interact with their mothers during experiments?

ANSWER: children [accept babies or toddlers or infants; accept synonyms for children like kids or youths; accept orphan until 'Visual'; do not accept or prompt on adolescents or teens] <Ganon Evans>/<ed. AD>

2. In the opening of the 1937 recording of *Sing Sing Sing*, this instrument plays a swing solo underneath trumpet and trombone riffs. For 10 points each

[10] That solo was played by Gene Krupa, who also had several “battles” with Buddy Rich using this instrument.

ANSWER: **drums** [accept **drum kit**]

[10] Gene Krupa was in this “King of Swing’s” ensemble. This bandleader performed *Sing, Sing, Sing* at his 1938 performance in Carnegie Hall.

ANSWER: Benjamin “Benny” David **Goodman**

[10] Benny Goodman was best known for playing this instrument and recorded *Sing, Sing, Sing* on this instrument. This single reed woodwind also opens a glissando in George Gershwin’s *Rhapsody in Blue*.

ANSWER: **clarinet** <Shohom Chakraborty>/<ed. KP>

3. This process’s namesake also developed a reaction that generates hydroxyl radicals using Fenton's reagent. Steam reforming provides the feedstock to this reaction. Gerhard Ertl won the 2007 Nobel Prize for describing this process and Alwin Mittasch proposed the use of an iron oxide catalyst as a cheaper alternative. This process occurs at very high (*) pressures in a classic application of Le Chatelier's principle and is the main source for modern fertilizers. For 10 points, name this process which synthesizes ammonia from nitrogen and hydrogen, named for a German chemist.

ANSWER: **Haber**-Bosch process <Stefan Calin>/<ed. SC>

3. The speaker of a poem hears this thing “in the chilliest land” and “on the strangest sea,” but it never “asked a crumb - of me.” For 10 points each:

[10] Name this thing, which is compared to a “little Bird” which “perches in the soul.”

ANSWER: **Hope** [accept “‘**Hope**’ is the thing with feathers”]

[10] This Belle of Amherst wrote “Hope’ is the thing with feathers” as well as “I’m Nobody! Who are you?” and “I heard a Fly buzz when I died.”

ANSWER: Emily Elizabeth **Dickinson**

[10] Dickinson feels a “creak across my Soul” in a poem titled for one of these events “in my Brain.”

Dylan Thomas’s “Do Not Go Gentle Into That Good Night” is read at 2 out of three of these events.

ANSWER: **funerals** [accept **burials**] <Ganon Evans>/<ed. WG>

4. A poet from this country described the “dark night of the soul” in the poetry collection *Concerning the Angels*. Rafael Alberti was a poet from this country, as was another poet who recalled a “laid out body” at “at five in the afternoon.” An author from this country wrote the (*) *Rural Trilogy*, which includes a play in which the Moon, Death, and three woodcutters witness Leonardo Felix running into a forest with the Bride after dueling the Groom. The Generation of ‘27 is from this country. *Blood Wedding* is a play from, for 10 points, what country where “Lament for the Death of a Bull Fighter” was written by Federico García Lorca?

ANSWER: Kingdom of **Spain** [or Reino **España**] <Ganon Evans>/<ed. WG>

4. The spear of this deity represents the male gender and was said to vibrate to impending danger, such as the assassination of Julius Caesar. For 10 points each:

[10] Name this Roman god of war.

ANSWER: **Mars** [do NOT accept or prompt on “Ares”]

[10] In one myth, Mars raped and impregnated this vestal virgin and daughter of Numitor. As if it would be of any consolation, he tells her that her twin children are destined for greatness.

ANSWER: **Rhea Silvia** [accept either underlined portion]

[10] Rhea gave birth to these two boys, who would later be raised by the she-wolf Lupa after being cast out on the Tiber river.

ANSWER: **Romulus** and **Remus** <Lalit Maharjan>/<ed. EC>

5. A figure with his back turned towards the viewer in this painting is sitting on a stool, which is crossed by his sheathed sword. Two figures on the left side of this painting are intently working over a table, completely oblivious to the central action. The title figure of this painting is illuminated by a (*) diagonal beam of light and points to himself as a figure with a faint halo enters from the right in darkness, which lends itself to intense tenebrism. For 10 points, name this Caravaggio painting that depicts the moment when the title tax collector is inspired by Jesus.

ANSWER: *The **Calling of St. Matthew*** <Michael Eng>/<ed. EC>

5. One type of spectroscopy named for visible and this region uses Beer’s law to determine the concentration of a substance. For 10 points each:

[10] Name this part of the electromagnetic spectrum that has shorter wavelengths than visible light.

ANSWER: **ultraviolet** [or **UV**; accept **UV**-vis spectroscopy]

[10] UV-Vis spectroscopy detects systems with this property as described by the Woodward-Fieser rules. Systems with this property have alternating bond orders.

ANSWER: **conjugated**

[10] Large compounds with extended conjugation such as beta-carotene may emit this color, the longest wavelength of visible light.

ANSWER: **red** <Michael Eng>/<ed. SC>

6. In one scene from this movie series, a sunflower is thrown onto a fireplace before transitioning to a man trying on a crown as “Hallelujah” plays. A character from this series who whispered “be good” while drowning is later seen singing “Livin’ La Vida Loca.” “Funky Town” plays as this series’ protagonist rides in an onion carriage to (*) Far Far Away. This series begins as an outhouse door is kicked open to Smash Mouth’s “All Star.” The Fairy Godmother sings “I Need a Hero” to close a film in this series, whose earlier entry features Lord Farquaad. For 10 points, name this Dreamworks animated series starring the title green ogre.

ANSWER: **Shrek** [accept specific entries such as **Shrek 2**] <Michael Eng>/<ed. GE>

6. A pontoon bridge across this waterway is used during a pilgrimage to the Santa Maria della Salute. For 10 points each:

[10] Name this S-shaped waterway, which is traversed by the Rialto Bridge. The sestieri of Santa Croce and Cannaregio open one end of this waterway, which ends at St. Mark's Basin.

ANSWER: The **Grand Canal** [accept **Canalasso** or **Canal Grande**]

[10] The Grand Canal is the largest of many canals frequented by gondoliers in this Italian city. This city's Doge's Palace connects to St. Mark's Basilica.

ANSWER: **Venice** [or **Venezia**]

[10] This word was originally used to describe a part of Venice where Jewish residents were forced to live and were locked in at night. Today, it refers to a usually poor, segregated area of a city.

ANSWER: Venetian **Ghetto** <Ganon Evans>/<ed. AD>

7. Pope Leo X asked Raphael to paint a portrait of one of these animals, which was a present from the King of Portugal. During the Maccabean revolt, Eleazar Avaran was crushed by one of these animals. Pyrrhus destroyed the Roman cavalry at the Battle of Heraclea with the help of these animals. Soldiers under (*) Scipio Africanus used horns to spook these animals at the Battle of Zama. The Seleucids imported these animals from India for usage on the battlefield. Hannibal crossed the Alps with an army of, for 10 points, what animals who were a popular ancient source of ivory?

ANSWER: **elephants** [accept war **elephants**] <Aditya Sivakumar>/<ed. GE>

7. Answer the following about "worldly" British Literature. For 10 points each:

[10] Set in the year 632 After Ford, this novel describes a society born from the Bokanovsky process and being constantly high on soma. This Aldous Huxley novel centers around Bernard Marx and John the Savage.

ANSWER: ***Brave New World***

[10] This author wrote about an aging painter in post-World War II Japan in his novel *An Artist of the Floating World*. He also wrote about the butler Stevens in *The Remains of the Day*.

ANSWER: Kazuo **Ishiguro**

[10] He's not Michael Crichton, but this British author delved into science fiction with his character of the hot-tempered Professor Challenger that was introduced while escaping from dinosaurs in *The Lost World*.

ANSWER: Sir Arthur Conan **Doyle** <Eric Chang>/<ed. WG>

8. Hemolysis and a low platelet count are characteristic of HELLP ["HELP"] syndrome in people with this condition. Elevated hCG ["h-C-G"] levels can diagnose this condition through a urine test, and one possible complication of this condition is preeclampsia. People with this condition are given folate to prevent (*) neural tube defects. The ectopic form of this condition results when the embryo implants in the fallopian tube. Morning sickness can affect people with this condition. For 10 points, name this condition that is typically divided into three trimesters and results in childbirth.

ANSWER: **pregnancy** [accept equivalents; prompt on "giving birth"] <Stefan Calin>/<ed. SC>

Note to moderators: read the first answerline carefully

8. The *dibapha* was the highest quality cloth of this color, which was produced from dyes harvested from shellfish glands. For 10 points:

[10] Name this color. The *kekolumena* was a toga of this color reserved for wearing by only the Roman emperor himself.

ANSWER: **purple** [accept BUT DO NOT REVEAL Tyrian **Purple**]

[10] Herodotus described how this Mediterranean people's name derived from the fact their skin was frequently stained purple from the export of purple dyes. The Greek alphabet originated from this civilization, whose colonists founded the city of Carthage.

ANSWER: **Phoenicia** [accept word forms such as the **Phoenicians**]

[10] The Phoenician's purple dye is named for this city. Alexander the Great built a massive causeway to conquer this island city, which along with Byblos and Sidon, was the largest of the Phoenicians.

ANSWER: **Tyre** [accept **Sour**; prompt on **Ushu**] <Ganon Evans>

9. In a short story, a book belonging to this god is submerged in the Nile near Coptos and guarded by serpents. It's not Anubis, but this god's cult was centered in Hermopolis due to his syncretization with Hermes. This god gambled with Khonsu to obtain (*) five extra days in the year for Nut to give birth. The crescent moon was symbolized by the beak of this god's ibis form. The Greeks identified this Egyptian god as the origin of all knowledge. For 10 points, name this Egyptian god of wisdom who served as a scribe.

ANSWER: **Thoth** [or **Djehuty**] <Lalit Maharjan>/<ed. EC>

9. One work set in this city features Cory Maxson, whose athletic scholarship is opposed by his father over fears of racial discrimination. For 10 points each:

[10] Name this American city, also the setting of a Stephen Chobosky novel about Charlie expressing his emotions and experiences in letters addressed to a "dear friend."

ANSWER: **Pittsburgh** [*Writer's note: the works referenced are *Fences* and *The Perks of Being a Wallflower* respectively]

[10] This American playwright wrote *Fences* which is part of his larger *Pittsburgh Cycle* that also contains *The Piano Lesson*.

ANSWER: August **Wilson**

[10] In *Fences*, Cory's scholarship offer is for him to play this sport. H.G. Bissinger wrote a 1990 nonfiction book about a high school team that played this sport in Odessa, Texas.

ANSWER: American **football** <Eric Chang>/<ed. WG>

10. In this modern-day country, Singhasari foiled a punitive expedition by the Mongols. Gajah Mada was an influential leader of this country's Majapahit ["mah-juh-pah-hit"] empire. This country was home to the Sunda Kingdom and the Sailendra Dynasty, who built the temple of (*) Borobudur. Zheng He's expeditions spread Islam to this country, which now has the world's largest Muslim population. The VOC settled the city of Batavia in this country to trade spices, which was this country's Dutch colonial capital. For 10 points, name this Southeast Asian nation with capital Jakarta.

ANSWER: **Indonesia** <Lalit Maharjan>/<ed. GE>

10. In a 2015 song, this artist recycled old audio of a 1994 interview to depict his own interview with Tupac Shakur. For 10 points each:

[10] That song, titled “Mortal Man,” appeared on this rapper’s 2015 album *To Pimp A Butterfly*. This artist raps “I got loyalty, got royalty inside my DNA” on his 2017 album DAMN.

ANSWER: **Kendrick Lamar Duckworth** [accept any or all of the underlined portions; accept **K-Dot**; Kung Fu **Kenny**; or Cornrow **Kenny**]

[10] Kendrick and his supergroup Black Hippy hail from this city. An album titled for this city features the song “Gangsta Gangsta” and was the first studio album by a group containing Eazy-E, Ice Cube, and Dr. Dre.

ANSWER: **Compton**, California [accept *Straight Outta Compton*; prompt on Los Angeles with “What neighborhood of Los Angeles?”]

[10] Along with Ab-Soul and Schoolboy Q, this rapper joins Kendrick as part of Black Hippy. This rapper collaborated with Lamar on the songs “Money Trees” and “King’s Dead,” the latter of which also features Future and James Blake.

ANSWER: **Jay Rock** <Arjun Gonuguntla>/<ed. GE>

11. A sack in this work is said to be “like that where once Ulysses held the Winds.” That sack is said to contain “sighs, sobs, and passions, and the war of tongues” and is retrieved from the Goddess in the Cave of Spleen by the gnome Umbriel. The main character of this work is invited to play a game of (*) ombre and is assisted by beings called sylphs. At the end of this work, Clarissa scuffles with the Baron for the title object but discovers it has become a constellation. For 10 points, name this work about the loss of Belinda’s hair, a mock-heroic narrative poem by Alexander Pope.

ANSWER: *The **Rape of the Lock*** <Arjun Gonuguntla>/<ed. WG>

11. These animals are largely sedentary and sleep up to 20 hours a day. For 10 points each:

[10] Name this arboreal herbivorous marsupial native to Australia. It is easily recognizable by its stout, tailless body and large head with round, fluffy ears, and large, spoon-shaped nose.

ANSWER: **Koala**

[10] When they are not sleeping, Koalas are busy munching on this ubiquitous plant in the woodlands where they live. Koalas have developed several adaptations to deal with the low nutrition, high toxicity, and high dietary fiber of this plant.

ANSWER: **eucalyptus** trees [or **eucalyptus** leaves]

[10] Podzolization has been seen to occur in this substance in Eucalypt forests which is caused by iron and aluminum ions depositing from its surface horizon into lower horizons.

ANSWER: **soil** <Stefan Calin>/<ed. SC>

12. This man’s crew scholar Maximilianus Transylvanus claimed his slave Enrique plotted a dinner massacre in the court of Rajah Humadon. The Loaísa expedition followed this man’s voyage. The *Trinidad* and *Victoria* were two ships this man used to name the Pacific Ocean in 1521. Juan Sebastien de Cano (*) completed this man’s expedition after he was speared by the Mactan chieftain Lapu Lapu in the Philippines. This man’s namesake “Straits” separate Tierra del Fuego from Chile. For 10 points, name this Portuguese explorer, whose crew completed the first circumnavigation of the Earth.

ANSWER: Ferdinand **Magellan** [or Fernão de **Magalhães**] <Ganon Evans>

12. The continuum hypothesis asserts that there exist no cardinalities between the rational numbers and this set. For 10 points each:

[10] Name this set of numbers, which is the union of irrational numbers and rational numbers and cannot be put in a one-to-one correspondence with the set of natural numbers.

ANSWER: **real** numbers [or **R**]

[10] This mathematician was the first to prove that the real numbers were uncountable, using his “diagonalization argument.” This man also names a set which is a nowhere dense set created by deleting open middle thirds of line segments.

ANSWER: Georg **Cantor** [accept **Cantor** set]

[10] The defining characteristic of the set of real numbers is that it has this property. This property ensures that any subset of the real numbers which is bounded above has a supremum.

ANSWER: **completeness** [or the **least upper bound** property] <Joshua You>/<ed. SC>

13. In this faith’s ceremony of *Naam Karan*, the first letter from a random page of its scripture is used to choose a name for a newborn child. The twelve opening words of that scripture are referred to as the *Mūl Mantar*, and are written in the *Gurmukhī* script. A simple, free meal, served in a (*) *langar*, is provided to anyone who visits this religion’s *Gurdwaras*. Members of this religion wear a small dagger and a wooden comb, which are two of the 5 K’s that are required to be worn at all times. Gobind Singh enshrined this religion’s holy book, the *Adi Granth*, as the eternal guru. For 10 points, name this monotheistic faith often characterized by its male followers wearing turbans.

ANSWER: **Sikhism** [or **Sikhi**] <Aidan McWilliams/Karthik Prasad>

13. Wilfred Owen took a line from this poet to title his “Dulce et decorum est” meaning “it is sweet and fitting to die for the homeland.” For 10 points each:

[10] Name this poet who argues epics should begin “in medias res” and wrote two books on *Satires*.

ANSWER: **Horace** [or Quintus **Horatius** Flaccus]

[10] Horace is also famous for creating the phrase “carpe diem” in his work on these types of poems, which he wrote four books for, the last of which was published in 13 BCE.

ANSWER: **odes**

[10] This contemporary of Horace was banned by Augustus for his instructions of love in *Ars Amatoria*. He also describes mythological transformations in his *Metamorphoses*.

ANSWER: **Ovid** [or Publius **Ovidius** Naso] <Eric Chang>/<ed. WG>

14. A “partial match table” of fragments of this data type is used in an algorithm named for Knuth, Morris, and Pratt. In C, this data type would use a backslash-zero, or null terminator, to indicate its end. Linux’s “grep” command uses regex to match these data types. The Boyer-Moore algorithm searches for this data type using the good (*) suffix rule and bad character rule. In Java, the “split” method is applied to this data type. This data type can be concatenated and is often seen as a grouping of characters within double quotation marks. For 10 points, name this data type that stores text.

ANSWER: **string** <Lalit Maharjan>/<ed. SC>

14. The reciprocal of this quantity is conductance. For 10 points each:

[10] Name this quantity measured in ohms that represents opposition to electric current.

ANSWER: **resistance**

[10] An unknown resistance can be measured using this construct in which four known resistances form a diamond shape around an unknown resistance.

ANSWER: **Wheatstone bridge** [both underlined parts required]

[10] The resistance of a general material equals its length divided by its cross-sectional area times this quantity inherent to the material that is typically symbolized with the letter “rho.”

ANSWER: **resistivity** <Lalit Maharjan>/<ed. SC>

15. In this city, the architecture firm TFP Farrells built the CITIC Skyscraper. Residents of this city refer to a Rem Koolhaas-designed building as “the big pants.” The Ten Great Buildings of this city include the Great Hall of the People and the Workers’ Stadium. CCTV’s headquarters are located within this city, as is an Olympic stadium nicknamed the (*) Bird’s Nest. The Meridian Gate leads to the Palace of Supreme Harmony in a complex named The Forbidden City, which borders this city’s Tiananmen Square. For 10 points, name this capital of China.

ANSWER: **Beijing** [prompt on **Peking**] <Ganon Evans>/<ed. AD>

15. This writer’s novel about her childhood friendship with Elisabeth “Zaza” Lacoïn was deemed “too intimate” to publish during her lifetime. For ten points each:

[10] Name this existentialist feminist who claimed “one is not born, but rather becomes, a woman” and also categorized women as the “Other” in the introduction of one work.

ANSWER: Simone de **Beauvoir**

[10] Second wave feminism was catalyzed by a set of philosophical treaties by Beauvoir titled for the “Second” of these things, which typically describe the basic biological attributes of a human being. This idea is contrasted with the socially constructed idea of gender.

ANSWER: **sex** [accept *The **Second Sex***]

[10] In a chapter of *The Second Sex*, Beauvoir wrote that women seek this characteristic to escape patriarchal society. She concludes that this characteristic is “no more a deliberate perversion than a fatal curse” in the final paragraph of the chapter.

ANSWER: **homosexuality** [accept “being a **lesbian**” and other descriptions] <Annie Lin>/<ed. GE>

16. In one play by this author, a man is called “a bit of a washout” by Lulu after he refuses to leave the house with her. That play by this author ends with Meg noting “the car’s gone,” and Petey not informing her of the absence of Stanley in the aftermath of the title event. Phrases such as (*) “put on the kettle” are argued over by the hitmen Ben and Gus as they receive food items and messages from the title conveyance in a play by this author. For 10 points, name this British playwright of “comedies of menace” such as *The Birthday Party* and *The Dumb Waiter*.

ANSWER: Harold **Pinter** <William Grossman>

16. This admiral overcame an invading force of 330 ships with only thirteen of his own by predicting changing tides and currents during the Battle of Myeongnyang [“*mee-yongn-yang*”]. For 10 points each:
[10] Name this admiral who fought off numerous invasions during the Imjin War using heavily armored boats known as “turtle ships.” This admiral’s nephew donned his armor at the Battle of Noryang.

ANSWER: Admiral Yi Sun-sin [accept either underlined portions]

[10] Yi defended this peninsular Asian country from a Japanese invasion during the Imjin War. The Silla and Goryeo are two ancient dynasties of this country which lies between China and Japan.

ANSWER: Korea [accept North Korea or South Korea]

[10] Yi fought for the independence of this longest Korean dynasty, which lasted from 1392 to 1897. The Hall of Worthies was a circle of scholars formed by this dynasty’s emperor Sejong the Great, who personally created the Korean alphabet of *Hangul*.

ANSWER: Joseon dynasty <Lalit Maharjan>/<ed. GE>

17. A series of these works by Clementi called *Gradus ad Parnassum* was emulated by Carl Czerny, a notable composer of these works. The right hand’s fortissimo G dominant seventh chord opens one of these pieces before the left hand plays stormy descending sixteenth notes. Huge right and left hand jumps and fourth and fifth finger trills occur in (*) *La Campanella*, one of these works by Liszt. The November Uprising inspired a Chopin work in this genre, his “Revolutionary” one. For 10 points, name these piano studies used to teach technique.

ANSWER: études <Shohom Chakraborty>/<ed. KP>

17. Legendarily, the devil played a piece of this type in Guiseppe Tartini’s dreams, but when he woke up he forgot the majority of that work. For 10 points each:

[10] Name this type of piece exemplified by the *Devil’s Trill*. Another work in this genre was originally dedicated to George Bridgetower but was retracted after a dispute.

ANSWER: violin sonata [prompt on just “sonata”, do not accept or prompt on any other type of sonata]

[10] This composer wrote the aforementioned violin sonata dedicated to George Bridgetower but rededicated it to Rodolphe Kreutzer. This composer is better known for his Moonlight Sonata.

ANSWER: Ludwig van Beethoven

[10] This other composer wrote three Violin Sonatas, including one nicknamed “Thun.” His first symphony was hailed as “Beethoven’s Tenth,” and he had a life-long friendship with Clara Schumann.

ANSWER: Johannes Brahms <Shohom Chakraborty>/<ed. KP>

18. One novel by this author features the wealthy real-estate mogul named Pierce Inverarity and a conspiracy involving disguised mailboxes labeled “W.A.S.T.E.” The protagonist of that novel by this author becomes obsessed with the symbol of a muted post horn. (*) Another novel by this author opens with the words “A screaming comes across the sky” and features Roger Mexico, who finds that the sexual encounters of Tyrone Slothrop correspond to V-2 rocket strikes. The Trystero organization appears in a novel by, for 10 points, what reclusive American author of *The Crying of Lot 49* and *Gravity’s Rainbow*?

ANSWER: Thomas Ruggles Pynchon, Jr. <Arjun Gonuguntla>/<ed. WG>

18. An artist from this country, Tarsila do Amaral, created the Antropofagia movement, which was first seen in an untitled painting to her husband, Oswald de Andrade. For 10 points each:

[10] Tarsila was a member of the Grupo dos Cinco, which was based in this country. She often featured scenes from São Paulo and had her first solo exhibition at the Palace Hotel in Rio de Janeiro.

ANSWER: Federative Republic of **Brazil** [or República Federativa do **Brasil**]

[10] During a trip to Paris, Tarsila studied this artistic movement under Fernand Léger, who created a “tube” form of it. Another famous work of this movement include *Violin and Candlestick* by Georges Braque.

ANSWER: **cubism** [accept analytic **cubism** or synthetic **cubism**; accept word forms; anti-prompt on “tubism”]

[10] Another famous cubist painting includes this one by Pablo Picasso that depicts the five nude prostitutes in Barcelona. The two rightmost figures have faces inspired by African masks.

ANSWER: *Les **Demoiselles d’Avignon*** [or *The **Young Ladies of Avignon***] <Eric Chang>/<ed. EC>

19. After a technician working under this politician stole cocaine from a crime lab, a thousand drug related cases were thrown out. This politician ignored her state’s Proposition 8 ban on same sex marriage. During the Democratic Presidential Debates, Tulsi Gabbard criticized this politician for (*) “putting over 1500 in jail for marijuana violations, but then laughing about it when asked about smoking marijuana.” As her state’s Attorney General, this politician enacted a controversial truancy law, and she is formerly the junior senator to Dianne Feinstein. For 10 points, name this running mate and Vice President-elect of Joe Biden.

ANSWER: Kamala **Harris** <Ganon Evans>/<ed. AD>

19. Mount Athos is an important location for this faith, as it is home to twenty monasteries of this faith. For 10 points each:

[10] Name this sect of Christianity that has services nearly entirely sung through, and whose liturgical day starts at Vespers. It is the second-largest Christian church, and is the most popular sect in Russia.

ANSWER: Eastern **Orthodox** Church [or **Russian Orthodox** Church]

[10] Eastern denominations often call this figure by the name of Theotokos, as opposed to the teachings of Nestorius that dictated this figure must be called Christotokos.

ANSWER: Virgin **Mary** [do not accept or prompt on Mary Magdalene]

[10] The Eastern Orthodox Church still utilizes a Julian version of this type of system, which was replaced due to inaccuracies in the timings of Easter.

ANSWER: **calendar** system <Aidan McWilliams/Karthik Prasad>

20. When shining a light through a double slit, the distance of the slit from the wall times “sine-theta” equals an integer “m” times this quantity. Planck’s constant divided by linear momentum gives a form of this quantity inherent to all matter. At the first harmonic, this quantity for a standing wave in a tube open at both ends equals two times the tube (*) length. The speed of a wave equals frequency times this quantity, which is measured in meters. For 10 points, name this quantity that represents the distance between consecutive peaks or troughs in a wave.

ANSWER: **wavelength** [accept de Broglie **wavelength**] <Lalit Maharjan>/<ed. SC>

20. William Courtenay's 1382 Blackfriars Synod, which targeted this man, is nicknamed the Earthquake Synod because it was almost cancelled due to actual earthquakes. For 10 points each:

[10] Name this 14th century English pre-Reformation religious reformer. This man's corpse was burned after the Council of Constance derided him as a heretic for leading the Lollard movement.

ANSWER: John **Wycliffe**

[10] Wycliffe was the first scholar to perform this action, but William Tyndale's version of it was the first to be printed. At the Hampton Court Conference, King James I commissioned an instance of this action now named for him.

ANSWER: **translating** the **Bible** to English [accept descriptive answers related to **rewriting** the **Bible** in **English** or **translating** it out of **Latin** and such; prompt on answers about **publishing a version of the Bible** without mention of translating it with "What action was performed on all of those editions of the Bible?"]

[10] The second king of this name oversaw the condemnation of Wycliffe while mired in the 1382 Peasants' Revolt. In 1512, the body of a king of this name was discovered under a Leicester parking lot, where he was buried after losing the Battle of Bosworth Field, thus ending the Wars of the Roses.

ANSWER: **Richard** [accept **Richard** II or **Richard** III] <Ganon Evans>