

2020 Matt Cvijanovich Memorial Tournament:

Edited by Ganon Evans, Jacob O'Rourke, William Grossman, Karthik Prasad, Stefan Calin, Eric Chang, Alex Dzurick, and Sean Phillips

Written by Lalit Maharjan, Arjun Gonuguntla, Michael Eng, Annie Lin, Shohom Chakraborty, Aditya Sivakumar, Ameya Singh, Bo Chi, Vishal Kanigicherla, Pratyush Jaishankar, Joshua You, Rohan Shelke, Aidan McWilliams, and generous submissions

Packet 1

1. This organ's quadrate and caudate lobes are divided by the Cantlie [*"cant-lie"*] line. Its cells located in the space of Disse [*"dees-uh"*] in this organ store Vitamin A inside. This organ receives deoxygenated blood from the portal vein. Lactate is converted to (*) glucose in this organ during the Cori cycle. This is the only organ that can regenerate itself. Viruses labeled with the letters A through E cause inflammation of this organ in hepatitis [*"hep-uh-tight-us"*]. The gallbladder stores bile created by this organ. For 10 points, name this organ that is harmed by cirrhosis [*"sir-oh-sis"*] and excessive alcohol consumption.

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

1. In Don DeLillo's *White Noise*, Jack Gladney extensively studies this person. For 10 points each: [10] Name this world leader. The poem "September 1st, 1939" declares this leader a "psychopathic god" and later laments the German invasion of Poland under this leader.

ANSWER: Adolf **Hitler**

[10] "September 1st, 1939" was written by this author who commands "stop all the clocks" at the beginning of his poem "Funeral Blues." This author described staring at "Brueghel's Icarus" in the poem "Musée des Beaux Arts" [*"Mew-zay-Duh-Bow-zart"*].

ANSWER: W. H. **Auden** [or Wystan Hugh **Auden**]

[10] This other World War II poem by Randall Jarrell describes being "washed out" of the title location after being "hunched in its belly till my wet fur froze." The speaker of this poem witnesses "black flak and the nightmare fighters."

ANSWER: "**Death of the Ball Turret Gunner**" <Ganon Evans>/<ed. WG>

2. This author imagined "hope, blossoming in my heart" in a poem dedicated to a "Fringed Gentian." This poet described "wings of morning, piercing the Barcan wilderness" in a work that also visualizes a "quarry slave...scourged to his dungeon." In another poem, this author asks an animal who "all day thy wings have fanned" if (*) "dost thou pursue thy solitary way?" This author envisions an "innumerable caravan" moving towards the "mysterious realm" in a poem that describes dying as someone who "lies down to pleasant dreams." For 10 points, name this American poet of "To a Waterfowl" and "Thanatopsis" [*"than-uh-top-sis"*].

ANSWER: William Cullen **Bryant** <Ganon Evans>/<ed. WG>

2. The iron–sulfur protein aconitase catalyzes the isomerization [“*ice-awe-mer-uh-zay-shun*”] of one molecule in this process. For 10 points each:

[10] Name this series of reactions that occur after glycolysis [“gly-call-oh-sis”] during which pyruvate [“*pie-roo-vate*”] is converted to acetyl-CoA [“*acetyl Co A*”], thus creating NADH used in the electron transport chain.

ANSWER: **Krebs** cycle [or **citric acid** cycle; accept the **tricarboxylic acid** cycle; or the **TCA** cycle]

[10] Glycolysis and the Krebs Cycle are two steps in the “aerobic” form of this *cellular* process by which living organisms take in oxygen, generate ATP, and release carbon dioxide.

ANSWER: cellular **respiration** [accept aerobic respiration or anaerobic **respiration**]

[10] The enzyme that catalyzes the first step of the Krebs Cycle, citrate synthase, is stimulated when ADP binds to this area on it. This site is where substrates can bind to change functionality away from the active site.

ANSWER: **allosteric** site <Michael Eng>/<ed. SC>

3. In an essay by William James, this figure argues that moral obligations are created by “personal demands” regardless of their origin. One of this figure’s students included him in the Lysis, in which this man discusses the meaning of *philia* or friendship. This thinker mentioned the social (*) gadfly in his defense trial, which is chronicled in *Apologia*. This thinker’s namesake “method” is a form of cooperative argument. This thinker’s student Plato included him in many dialogues. For 10 points, name this Greek philosopher charged with tainting the Athenian youth and sentenced to drink hemlock.

ANSWER: **Socrates** <Aditya Sivakumar>/<ed. GE>

3. For 10 points each, answer the following about the “Dread Head Cowboy,” Adam Hollingsworth.

[10] Hollingsworth rides horseback around his home of South Side Chicago and convinces people to contribute to this measure of the population taken every 10 years.

ANSWER: 2020 United States **Census** [accept the 24th United States **Census**]

[10] This current Mayor of Chicago wore a cowboy hat and recognized Hollingsworth as the “Census Cowboy.”

ANSWER: Lori **Lightfoot**

[10] Hollingsworth joked that being on a horse prevents him from getting COVID at public gatherings because he is this many feet above other people. The CDC’s social distancing guidelines maintain that people should stay at least this many feet away from others to minimize spread.

ANSWER: **six** feet [be grudgingly accept **72 inches** or **two yards**] <Ganon Evans>

4. A wild group of these creatures attacked Heracles after he opened a vase of sacred wine in Pholus’ home. These creatures were born from Ixion’s [“*Icks-ee-on*’s”] coupling with the cloud nymph Nephele [“*Neff-el-ee*”]. While drunk on wine, one of these creatures named Eurytus attempted to (*) abduct Hippodamia at her own wedding, leading to a war with the Lapiths. A wise one of these creatures living in the forests of Mount Pelion was the teacher of numerous heroes such as Jason and Perseus. Chiron is an example of, for 10 points, what half-human, half-horse creatures?

ANSWER: **centaurs** [or hippo**centaurs** or **kentauros**] <Lalit Maharjan>/<ed. EC>

4. This essay features the hypothetical character of Judith Shakespeare, who had all the same gifts as her brother but was trapped at home while William was able to learn to be a playwright. For 10 points each:
[10] Name this essay that argues that women need five hundred pounds a year and the title location in order to become writers.

ANSWER: “A **Room of One’s Own**”

[10] “A Room of One’s Own” and *Orlando* were written by this English author of *Mrs. Dalloway*.

ANSWER: (Adeline) Virginia **Woolf**

[10] This Woolf novel centers around the Ramsay family as they visit the title location on the Isle of Skye. Lily Briscoe puts her final touches on a painting at the end of this novel.

ANSWER: **To the Lighthouse**

<Eric Chang>/<ed. WG>

5. A ruler of this kingdom was assassinated after he outlawed the planting of crops and the use of milk in wake of his mother Nandi dying. This kingdom’s land between the Tugela and Pongola rivers was assimilated into the Colony of Natal. The *isihlangu* was a cowhide shield popularized by a ruler of this kingdom who also created the (*) *iklwa* [“ick-luh-wuh”] spear. Lord Chelmsford avenged a defeat to this kingdom by razing their capital at Ulundi. At the Battle of Isandlwana, this kingdom’s *impi* warriors used a bull-horns formation to rout the British. For 10 points, name this South African kingdom once led by Shaka.

ANSWER: **Zulu** [accept the **Zulu** Empire or the **Zulu** Kingdom; accept **Zululand**] <Michael Eng>/<ed. GE>

5. For 10 points each, answer the following about the involvement of cricket in world diplomacy.

[10] These [*emphasize*] two country’s intense cricket rivalry reflects their political disputes over matters like the Kashmir conflict and the Kargil War.

ANSWER: **India** and **Pakistan** [accept either order; accept **Bharat** in place of India]

[10] During the 2007 Cricket World Cup, this country constructed stadiums in St. Kitts and Nevis in return for recognition of its independence. The White Terror was instituted on this island country after Chiang Kai Shek’s KMT fled to it in 1949.

ANSWER: **Taiwan** [accept the **Republic of China** or **ROC**; or **Zhonghua Mingguo**; prompt on **Formosa**; DO NOT accept or prompt on People’s Republic of China]

[10] British and Australian citizens almost boycotted goods from each other after Britain’s cricket team devised the Bodyline set of tactics to counter this Australian cricketer’s batting average of 99.94, which is considered the greatest sporting record ever.

ANSWER: Donald **Bradman** <Ganon Evans>

6. In a novel by this author, the protagonist travels in a Jeep nicknamed “Willie” to Los Gatos to meet “the great Cody,” where he falls in love with Billie. Lorenzo Monsanto tells Jack Duluoz about his cat’s death in that novel by this author. In one novel, this author fictionalized his exposure to Buddhism via Gary Snyder. This author of *Big Sur* used his friend William (*) Burroughs as the model for Old Bull Lee in a novel in which Dean Moriarty and Sal Paradise travel the United States. For 10 points, name this Beat generation author of *On the Road*.

ANSWER: Jack **Kerouac** <Arjun Gonuguntla>/<ed. WG>

6. Sir Donald Tovey mocked the final movement of a violin concerto from this country as a “polonaise for polar bears” For 10 points each:

[10] Name this country where Jean Sibelius’s nationalistic works like the *Karelia Suite* and *The Swan of Tuonela* are often played at the Helsinki Philharmonic.

ANSWER: **Finland** [accept **Suomi** or **Suomen Tasavalta**]

[10] This nationalistic piece contains a symbolic battle between *La Marsellaise* [“*luh mar-sigh-ay-z*”] and Russian folk music. This piece’s end calls for cannon fire and is accompanied by fireworks during Boston Pops orchestra performances.

ANSWER: the **1812 Overture** [accept *The Year 1812 Solemn Overture*]

[10] This composer created the symphonic series *Má vlast* depicting Bohemia. Often closely identified with his country’s nationalistic movement, this composer’s other works include *Libuše* and *The Bartered Bride*.

ANSWER: Bedřich **Smetana** <Shohom Chakraborty>/<ed. KP>

7. When closed, this artwork depicts a grisaille depiction of God and an orb-like Earth. The artist of this painting may have included himself as the “Tree-Man” standing below two ears with a knife between them. In this painting, an hourglass swallows and poops out humans in a dark (*) hellscape. Numerous strawberries appear with the flocking nudes of this painting’s central scene, which is flanked by depictions of Hell and Jesus holding a woman’s hand in Eden. For 10 points, name this triptych depicting Adam and Eve in the title location, a work by Hieronymus Bosch.

ANSWER: *The **Garden of Earthly Delights*** <Ganon Evans>/<ed. EC>

7. More complex examples of these structures include the “2-3” variety, where each parent node has either two or three children. For 10 points each:

[10] Name these data structures consisting of a root node with branches to various leaf nodes.

ANSWER: **trees** [accept specific types of **trees**]

[10] This type of function which repeatedly calls upon itself until a base case is reached can be used to implement methods involving trees.

ANSWER: **recursive** function [accept word forms like “**recursion**”]

[10] To allow for faster searching, one might implement this property of certain binary search trees, such as AVL or red-black trees. This property includes more complex insertion and deletion as it may have to switch or rotate various parent and child nodes.

ANSWER: self-**balancing** [or height-**balanced**; accept descriptive answers like “it automatically keeps the **height minimum**”] <Eric Chang>/<ed. SC>

8. This city’s suburb of Albertslund is connected to it by a bicycle “superhighway.” The Black Diamond is a modernist library in this city, which is also home to Rene Redzepi’s restaurant Noma. Walt Disney was inspired to build Disneyland after visiting this city’s Tivoli Gardens. This city’s Langelinie Pier is home to a frequently decapitated (*) Little Mermaid statue. King Christian IV’s Rosenborg Castle is located in this city, which is the largest on the island of Zealand. The Baltic Sea’s Öresund Strait separates the Swedish city of Malmö from, for 10 points, what capital of Denmark?

ANSWER: **Copenhagen** <Ganon Evans>

8. Salts of these compounds are complexed to cryptands in their isolation. For 10 points each:

[10] Name these compounds in which an electron acts as an anion. One of these compounds created by the solvation of electrons in ammonia during the Birch reduction is responsible for its deep-blue color.

ANSWER: **electrides**

[10] Ammonia exhibits this intermolecular bond because of nitrogen's bond with an element whose atomic number is 1. This type of intermolecular bond is stronger than dipole-dipole bonds, but weaker than ion-dipole bonds.

ANSWER: **hydrogen** bonds [or **H** bonds]

[10] Electride solutions can be used to reduce these compounds to trans alkenes. These functional groups contain two *sp* hybridized carbons in a triple bond.

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

9. In the Navier—Stokes equations, the sum of the negative change of this quantity, viscous forces, and external forces is equal to inertial forces. This quantity plus “one-half rho v-squared plus rho-g-h” is the same at every point in a streamline. Bernoulli’s principle states this quantity decreases as a fluid’s speed (*) increases. This quantity equals “fluid density times submersion height times acceleration due to gravity.” Hydraulic presses exert large forces due to Pascal’s Law, which states that changes to this quantity in an incompressible fluid is transmitted to every point. For 10 points, name this quantity equal to a fluid’s force divided by area.

ANSWER: fluid **pressure** <Lalit Maharjan>/<ed. SC>

9. After this substance was harvested from trees, it was mixed with moonflower sap to make it less brittle. For 10 points each:

[10] Name this substance. Balls of this substance were thrown into bogs and cenotes such as El Manati along with early examples of human sacrifices to satisfy jaguar, dragon, and Bird Monster deities.

ANSWER: **rubber** [accept *olli* or *ollamaloni*]

[10] This early Mesoamerican civilization was named for its production of rubber. This civilization constructed massive stone heads in the jungles surrounding their cities of San Lorenzo and La Venta.

ANSWER: **Olmecs**

[10] Stela C at the Olmec city of Tres Zapotes is believed to show the second oldest example of the “Long Count” one of these things. One of these things developed by the Maya sparked panic over its alleged end date in 2012.

ANSWER: **calendar** [accept the Long Count **calendar**] <Ganon Evans>

10. One of these people claimed to have reached a state where he could speak to anyone in heaven, called *devekut*. The first woman to become one of these people in the Orthodox tradition was given the empty title “maharat.” A group of these people who contributed to the Mishnah are known as the *Tannaim*. These people write (*) *midrash* commentaries, which consist of legal *halakhic* and spiritual *aggadic* interpretations. Moses’ brother Aaron is considered the first of these people, who after the destruction of the Second Temple, spread the Torah through oral tradition. For 10 points, name these spiritual leaders of Judaism.

ANSWER: **rabbis** [prompt on teachers or masters; prompt on kohen with “What group did the kohens later broadly join?”; do NOT accept or prompt on priests or high priests] <Religion> <Ganon Evans>/<ed. KP>

10. An annoying dog in this game appears with the skeleton Papyrus and represents this game’s creator Toby Fox. For 10 points each:

[10] Name this 2015 indie game in which Toriel guides the protagonist Frisk around a subterranean world. This game’s genocide route involves defeating all bosses, such as Flowey and Undyne.

ANSWER: **Undertale**

[10] The song Megalovania plays at the end of *Undertale*’s genocide run as the player takes on this hoodie-wearing skeleton brother of Papyrus. In *Smash Ultimate*, the Mii Gunner has a skin for this character.

ANSWER: **Sans**

[10] In *Undertale*, the player can acquire the Mystery Key from Bratty and Catty who sell goods outside one of these locations. In 1983, thousands of unsold copies of the Atari game *E.T.* were buried in one of these locations in New Mexico.

ANSWER: **landfill** [accept garbage **dump** or a **dumping** ground; accept **tip**; accept **junkyard**; accept **trash heap** or **trash pile**; accept other obvious synonyms] <Arjun Gonuguntla>/<ed. GE>

11. Gyo Obata created a hyperboloid-inspired planetarium for this city. A building in this city constructed for a brewer was built to resemble a column and included terracotta ornamental spandrels separating windows. Dick Bowser designed a Ferris-wheel like tram system for a structure in this city. This city is home to Louis Sullivan’s (*) Wainwright Building, as well as a 630-foot tall catenary curve as part of the Jefferson National Expansion Memorial. For 10 points, name this American city, the home of the Eero Saarinen-designed Gateway Arch.

ANSWER: **St. Louis**, Missouri [accept **STL**; prompt on the **Lou**] <Ganon Evans>/<ed. EC>

11. These figures build bridges to lead people through samsara and appear on Earth in many different cycles. For 10 points each:

[10] Name these religious figures. The 24th of these figures in the current cycle is Mahavira, and certain traditions believe the 19th of these “ford-makers,” named Mallinath, to be female.

ANSWER: **Tirthankaras**

[10] Tirthankaras are religious figures central to this belief. One major tenet of this religion called ahimsa, or non-violence, prompts practitioners to wear face coverings to not accidentally ingest insects.

ANSWER: **Jainism**

[10] Two main sects of Jainism are the sky-clad Digambaras, where adherents often practice nudity, and the Svetambaras, known for wearing robes of this color. Indra’s elephant Airavata is often known for being this color, symbolizing purity.

ANSWER: **White** <Religion> <Vishal Kanigicherla>/<ed. KP>

12. In one TV series, this musician plays a popstar who achieves fame with a cover of Nine Inch Nails’ “Head Like a Hole” called “On a Roll.” In one song this artist sings “I was born to run, I don’t belong to anyone;” that song by this artist describes the title weather as “the road I’m takin’/head high up in the clouds. At the 2020 VMA’s, this artist of (*) “Mother’s Daughter” performed her single “Midnight Sky” while swinging from a giant disco ball in reference to a 2013 music video in which this artist swung naked a wrecking ball. For 10 points, name this artist whose early hits included “Party in the USA.”

ANSWER: Miley **Cyrus** [or Destiny Hope **Cyrus**] (The TV episode was of *Black Mirror*.) <Sean Philips>/<ed. GE>

12. For 10 points each, answer the following about the three *pachas* of Incan mythology:

[10] The *Hanan Pacha*, or “world above,” is the realm of the sun god Inti as well as his sister Mama Quilla, the goddess of this other celestial object. Other goddesses of this object include Tsukuyomi and Luna.

ANSWER: **moon**

[10] This largest South American bird served as the messenger between the gods and the humans in the *Kay Pacha*, the mortal world. Temples in Machu Picchu were built to resemble this bird in flight.

ANSWER: Andean **condor**

[10] The *Ukhu Pacha* was the “world below,” synonymous to the underworld. It was represented by this animal, which the Aztec god Quetzalcoatl took his name from a “feathered” variety.

ANSWER: **snake** [or **serpent**] <Lalit Maharjan>/<ed. EC>

13. Desmond Tutu and two other Nobel Peace Prize winners opposed this organization’s 2012 Nobel Peace Prize win. A precursor to this organization was the EEC, which was established by the Treaty of Rome and opened a Common Market for coal and steel exports during the Cold War. The CFSP and PJCC were two of this organization’s three pillars established by the Treaty of (*) Maastricht.

Nigel Farage led a campaign to leave this organization as the head of UKIP. For 10 points, name this continental alliance whose member nations of Germany and France use the euro.

ANSWER: **European Union** [or **EU**] <Lalit Maharjan>/<ed. GE>

13. Wisps of smoke hang over a table where men converse with prostitutes in Paul Gauguin's *Portrait of Madame Giroux* set in this location. For 10 points each:

[10] Name this specific location, where in another painting, its owner stands behind a sickly green pool table while customers are slumped in their seats.

ANSWER: The **Night Café** [or Le **Café de nuit**; accept the **30 Place Lamartine** or Le **Café de la Gare**]

[10] Along with *The Night Café*, this artist depicted 12 patrons resembling the Last Supper in *Café Terrace at Night*, which features stars similar to those found in his later painting *Starry Night*.

ANSWER: Vincent **van Gogh**

[10] Van Gogh painted *Starry Night* from his window in one of these places in Saint-Rémy. Van Gogh's declining health at one of these places is symbolized by a portrait of an old man clenching his hands against his head by a fireplace titled *At Eternity's Gate*.

ANSWER: mental **asylum** [accept mental **hospitals** or psychiatric **hospitals**; prompt on **institutions**] <Ganon Evans>/<ed. EC>

14. One variety of these objects can only be observed at twilight and are their noctilucent type. Their "arcus" varieties are examples of the accessory type of these objects. An "overshooting top" can be observed over their anvils. The Bergeron process occurs in these objects, and the "pileus" (*) lenticular types lie on top of another variety. One type of these objects can be described as having "mares' tails" and maybe created artificially using contrails. For 10 points, name these atmospheric objects made of water and ice that come in cumulus, stratus, and cirrus varieties.

ANSWER: **clouds** [accept **noctilucent clouds**; accept **arcus clouds**; accept **cumulonimbus clouds**; accept **lenticular clouds**; accept **nacreous clouds**; accept **cirrus clouds**] <Stefan Calin>/<ed. SC>

14. The British Museum has garnered controversy for the numerous stolen artifacts it has on display. For 10 points each:

[10] Room 18 is home to the Elgin Marbles, a collection of classical sculptures taken from the Parthenon on this city's Acropolis.

ANSWER: **Athens**

[10] Room 4 on the ground floor contains this artifact detailing an expedition of Ptolemy V on the Nile. Jean Francois Champollion studied Greek translations of Egyptian hieroglyphic writing on this artifact.

ANSWER: **Rosetta** Stone

[10] The HMS *Topaze* brought two of these monuments from the ceremonial center at Orongo to the British Museum. *Pukao* are hats which rest on top of these figures created by the Rapa Nui people.

ANSWER: **moai** [prompt on Easter Island **heads** or **statues** or anything not mentioning **moai**] <Lalit Maharjan/GE>/<ed. GE>

15. This play ends as "hope flashes across" a character's face before he asks "the most wonderful thing of all?" One character in this play tries to distract her husband from opening a letter by dancing the tarantella. Two cards with black crosses on them in this play signal Dr. Rank's forthcoming death. A "morally sick" character in this work (*) blackmails a couple over an illegal loan so they could tour Italy; that character is the bank teller Krogstad. This play ends as a door slams, representing a woman walking out on her abrasive husband Torvald. Nora Helmer appears in, for 10 points, what play by Henrik Ibsen?

ANSWER: A **Doll's House** [or Et **Dukkehjem**] <Ganon Evans>/<ed. WG>

15. For 10 points each, answer the following about heat engines:

[10] This idealized thermodynamic process introduced by its namesake French physicist in *Reflections on the Motive Power of Fire* is the only one to achieve the theoretical maximum efficiency.

ANSWER: Carnot cycle [or Carnot engine]

[10] The Carnot efficiency is simply defined as a function of two of this quantity for the hot and cold reservoirs of the engine. The SI unit for this quantity is the Kelvin.

ANSWER: temperature

[10] This other thermodynamic cycle is used to model internal combustion and piston engines. Its efficiency is dependent on the compression ratio in an engine's cylinders.

ANSWER: Otto cycle <Joshua You>/<Ed. SC>

16. In this state, the Portuguese merchant Aaron Lopez laid the cornerstone for the first Jewish house of worship in America, the Touro Synagogue. Benjamin Church and Governor Josiah Winslow led this state in the Great Swamp Fight. Abraham Whipple led a raid on the *Gaspee* in a port city in this state. Following the Antinomian controversy, Anne (*) Hutchinson and other religious dissenters fled to this state. The Narragansett tribe conflicted with this state's founder, Roger Williams. Brown University is located in, for 10 points, what state, whose largest city is Providence?

ANSWER: Rhode Island and Providence Plantations <Shohom Chakraborty>/<ed. GE>

16. Residents of this region refer to their southern neighbors as “trolls” and are known as Yoopers. For 10 points each:

[10] Name this region of northern Michigan, whose largest city is Marquette. This region separates Lake Superior from Lake Michigan.

ANSWER: Upper Peninsula [prompt on U.P. or Upper Michigan]

[10] An extension of the Upper Peninsula and the nearby Door Peninsula protect this large bay on the northwestern corner of Lake Michigan.

ANSWER: Green Bay

[10] Green Bay lends its name to a city in this state, to which the Upper Peninsula of Michigan is physically connected. This state's cities include Madison and Milwaukee.

ANSWER: Wisconsin <Ganon Evans>/<ed. AD>

17. This organization abandoned the maniple during the Marian reforms, which divided this organization based on five social classes. During the imperial period, this organization included a foreign wing called the Numeri. The *scutum* was heavily utilized in this organization's (*) *testudo* strategy. Although they often did the opposite, an elite wing of this organization assigned to protect the emperor was the Praetorian Guard. This organization used weapons like the *pilum* and *gladius*. The legions made up, for 10 points, what mighty ancient army commanded by people like Augustus Caesar?

ANSWER: Roman army [both underlined parts required; accept Roman military or other clear equivalents, accept Roman legion before mention, prompt on just army or military with “Whose?”: do not accept or prompt on “Roman navy”] <Lalit Maharjan>/<ed. GE>

17. One character in this novel describes herself as a “prostitute of the mind” and is unable to feel pain after crashing a car into a wall. For 10 points each:

[10] Name this novel that begins with Toru Okada looking to find his missing cat and sitting in a well before his wife, Kumiko, suddenly disappears.

ANSWER: *The **Wind-Up Bird Chronicle*** [or ***Nejimakitori Kuronikuru***]

[10] This contemporary Japanese author of *The Wind-Up Bird Chronicle* also wrote *Kafka on the Shore*. Aomame and Tengo enter an alternate universe in his novel *1Q84* [“one-Q-eight-four”].

ANSWER: Haruki **Murakami**

[10] Toru hears an orchestra performing this band’s song “Norwegian Wood” at the beginning of a Murakami novel. In Douglas Coupland’s novel *Eleanor Rigby*, Liz remembers seeing John Lennon perform as part of this band.

ANSWER: The **Beatles** [prompt on the **Fab Four**] <Eric Chang>/<WG>/<GE>

18. Examples of these substances used in redox reactions include iron II complexes of phenanthroline [“fee-mam-throw-leen”] and bipyridine [“bi-peer-ih-deen”]. Calcein is a complexometric type of these substances used in chelations. Triarylmethane [“tri-ar-uhl-meth-ay-n”] dyes like cresol purple and bromothymol blue are examples of these used to detect the presence of carbon dioxide. One of the most commonly used of these substances named (*) phenolphthalein [“fee-no-thay-leen”] turns pink under basic conditions and can be used to find the endpoint of a titration. For 10 points, name these substances that change color due to change in pH, exemplified by litmus paper.

ANSWER: **indicator**s [prompt on **dye** before mention by asking “What are these dyes used as?”] <Michael Eng>/<ed. SC>

18. Phile Chionesu organized a successor to this event in Philadelphia two years after this event’s original date. For 10 points each:

[10] Name this 1995 gathering of African Americans directed by Benjamin Chavis and called by Louis Farrakhan. A “Day of Atonement” and “Day of Absence” corresponded with this event.

ANSWER: **Million Man** March

[10] The Million Man March took place in this city’s National Mall. Almost three decades earlier, Martin Luther King Jr. gave his “I Have a Dream” speech in a march he led on this city.

ANSWER: Washington, **DC** [or Washington, **D**istrict of **C**olumbia; prompt on **Washington** alone]

[10] The aforementioned Louis Farrakhan is the current leader of this movement. This movement’s leader Elijah Muhammad convinced Cassius Clay to change his name to Muhammad Ali and separated from Malcolm X.

ANSWER: **Nation of Islam** [accept **NOI**; do not accept or prompt on just Islam or being Muslim alone] <Shohom Chakraborty>/<GE>

19. In one novel by an author with this surname, a character believes Mangal Pandey is his grandfather and spends time at O’Connell’s Pub. That novel by an author with this surname follows the intertwined lives of Samad Iqbal and Archie Jones. It’s not the surname of the author, but in another novel, a *character* with this surname has lunch with (*) Syme after purchasing a diary from a shop owned by Mr. Charrington. That character with this surname has an affair with Julia before being taken to Room 101 by O’Brien. For 10 points, give this surname of the author of *White Teeth*, *Zadie*, and the protagonist of *1984*, Winston.

ANSWER: **Smith** <William Grossman>

19. This story was first published in *The New York Sunday World* in 1905 and later in *The Four Million*. For 10 points each:

[10] Name this O. Henry story about Della selling her hair to buy her husband Jim a chain for his watch, only to find out Jim sold his watch to buy her a set of combs.

ANSWER: “The **Gift of the Magi**”

[10] In another O. Henry story, Bill and Sam kidnap Johnny from a rich Alabaman with this first name. Another character with this first name is visited by the Ghost of Christmas Past.

ANSWER: **Ebenezer** Dorset [accept **Ebenezer** Scrooge]

[10] This other O. Henry story follows “Soapy” as he tries to get arrested to get shelter for the upcoming winter. He fails in each of his attempts before ultimately being arrested for loitering.

ANSWER: “The **Cop and the Anthem**” <Eric Chang>/<ed. WG>

20. The second movement of a work by this composer is based on a poem by Aloysius Bertrand that depicts a hanged man in the desert. That work was written to be more difficult to play than Balakirev’s *Islamey* and contains sections titled “Scarbo” and “Ondine.” This composer of *Gaspard de la Nuit* arranged (*) Mussorgsky’s *Pictures at an Exhibition* for orchestra and wrote the score to the ballet *Daphnis et Chloé*. He opened another work with a snare drum ostinato that gradually crescendos with a repeated Spanish dance theme. For 10 points, name this French composer of *Boléro*.

ANSWER: Joseph Maurice **Ravel** <Eric Chang>/<ed. KP>

20. Marcel Mauss differentiated this tradition from the *gimwali* system of bartering by identifying an honorable “display of greatness.” For 10 points each:

[10] Name this tradition in which white armbands of shells called *mwali* and red shell necklaces called *souvlava* were gifted cyclically around the Trobriand Islands for political prestige.

ANSWER: **kula** ring [accept **kula** exchange; prompt on **exchange**]

[10] This Polish anthropologist described the kula ring in his three-volume ethnography of the Trobriand Islanders, which includes *Coral Gardens and Their Magic* and *Argonauts of the Western Pacific*.

ANSWER: Bronislaw **Malinowski**

[10] In *Sex and Repression in Savage Society*, Malinowski argued that this man’s idea of the Oedipus Complex was culturally defined and not universal. This Austrian psychologist formulated the id, ego, and superego in his *The Interpretations of Dreams*.

ANSWER: Sigmund **Freud** <Ganon Evans>