

## 2022 KICKOFF Novice

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**Packet 6N: 6. "The writer has another cult now." "I collect them like stamps."**

### Tossups

1. **During this war, Andrew Gould was stabbed with a pen-knife by Nathan Bedford Forrest, who he shot in the hip. In a battle in this war, Daniel Ruggles fired 50 cannons into the "Hornet's Nest." The victors of a battle in this war were reinforced on its second day by Carlos Buell.** (\*) P. G. T. Beauregard took control of an army in this war after Albert Sidney Johnston's death at Shiloh. For 10 points, name this war, in which the Confederacy seceded from the Union in 1861.

ANSWER: American Civil War [prompt on the Battle of Shiloh before it is read]  
<Riley, American History>

2. **In 2008, this player was the leading scorer during an Elite Eight run for Davidson College, where he graduated from in August 2022. This player won the first unanimous MVP award in NBA history in a year where his team recorded the most regular-season wins ever, but blew a (\*) 3-1 Finals lead to the Cleveland Cavaliers. Klay Thompson and this man make up the "Splash Brothers."** For 10 points, name this Golden State Warriors point guard, a three-point specialist.

ANSWER: Stephen Curry [accept Wardell Stephen Curry II]  
<Mundhe, Pop Culture>

3. **In one opera by this composer, a B-minor clarinet solo opens a tenor aria titled "E lucevan le stelle." The title character of one opera by this composer kills Baron Scarpia after he orders the execution of her lover, Mario Cavaradossi. Another opera by this composer of *Tosca* and *Turandot* sees the title character singing the aria (\*) "Un bel dì" while waiting for Lieutenant Pinkerton to return.** For 10 points, name this Italian opera composer of *Madame Butterfly*.

ANSWER: Giacomo Puccini  
<Palavajhala, Other Fine Arts>

4. **This kingdom made use of cedars sent by its ally, Hiram of Tyre, in various construction projects. This non-Persian kingdom's Book of Kings was compiled after its people's return from captivity in Babylon. Judah split with this kingdom after the death of a king who was visited by the (\*) Queen of Sheba, and had earlier prayed for wisdom.** For 10 points, name this kingdom ruled by David and Solomon from Jerusalem.

ANSWER: Israel [accept Judah until it is read]  
<Riley, Ancient History>

5. In one story from this civilization, all the gods gather to sacrifice themselves to move the sun and begin the fifth age. One god from this civilization's mythology used bones stolen from Mitclan mixed with his blood to create the first humans. That god fights against the (\*) "Smoking Mirror," Tezcatlipoca, for the right to be the sun. For 10 points, name this civilization that includes the feathered serpent, Quetzalcoatl.

ANSWER: **Aztec** mythology

<Palavajhala, Mythology>

6. In February of 2022, nickiskindastrange posted a viral TikTok roleplaying as this entity, where he tells the viewer "leave the girl, we don't need her" and "we'll have cowboy times in space." It's not the Xbox Series X, but thousands of "scalpers" made this thing extremely difficult to purchase upon its release due to (\*) low stock. This system features exclusives such as *Spider-Man: Miles Morales* and *Horizon: Forbidden West*. For 10 points, name this Sony video game system, the successor to the PlayStation 4.

ANSWER: **PlayStation 5** (or **PS5**; prompt on Playstation or **PS**; do not accept or prompt on "PS4")

<Hoffert, Pop Culture>

7. Three of these devices of known strength are connected in a diamond configuration in a Wheatstone bridge. These devices are connected to an inductor and capacitor in an oscillating RLC circuit. Colored bands typically indicate the strength of these devices, which are represented by a (\*) zigzag line in circuit diagrams. A common design of these devices consists of two wires extending from a small ceramic shell. For 10 points, what simple devices add resistance to a circuit?

ANSWER: **resistor**

<Wu, Physics>

8. One member of this family finds a pamphlet titled "The Black Plague" when she comes to visit her father in a novel. Another member of this family demonstrates his nickname of "One Shot" by shooting a rabid dog. That member of this family claims that a certain animal doesn't (\*) "do one thing except make music for us to enjoy," and defends the innocent Tom Robinson in a rape trial. For 10 points, name this family of Jem, Scout, and Atticus, who appear in Harper Lee's *To Kill a Mockingbird*.

ANSWER: **Finch** family [or Jem **Finch**; or Scout **Finch**; or Atticus **Finch**]

<Ganguli, American Literature>

9. The presence of an atom with a high value of this quantity on a carbon backbone causes a negative inductive effect. One scale for this quantity calculates it as the average of the first ionization energy and electron affinity. The Mulliken and (\*) Pauling scales measure this property. Atoms with different values of this quantity form polar covalent bonds. At a value of 4.0, fluorine has the highest value of this quantity. For 10 points, which atomic property rates how strongly an atom pulls electrons towards it in a bond?

ANSWER: **electronegativity**

<Wu, Chemistry>

10. This leader gave a speech at an event for the Unification Church, which several members of his political party had controversial ties to. Targeting an inflation rate of two percent was one of "three arrows" characterizing the namesake economic policy of this member of the (\*) Liberal Democratic party. While delivering a campaign speech for Kei Sato in Nara, this man was shot by Tetsua Yamagami. For 10 points, name this former Prime Minister of Japan.

ANSWER: Shinzo **Abe**

<Mundhe, Current Events>

11. This thinker collaborated with James Baldwin on the work *A Rap on Race*. Derek Freeman claimed people on the island of Ta'u had lied to this thinker in a work titled for her (\*) "fateful hoaxing." This thinker's most famous work analyzes the maturation of adolescent girls in the title location. For 10 points, name this American anthropologist, who wrote *Coming of Age in Samoa*.

ANSWER: Margaret Mead [or *The Fateful Hoaxing of Margaret Mead*]

<Palavajjhala, Social Science>

12. One group named for this color murdered a leader who arranged the Historic Compromise between the Christian Democrats and Italian Communist Party. That group of "Brigades" named for this color kidnapped and killed Aldo Moro during the Years of Lead. An (\*) army named for this color, which was led by Leon Trotsky, used "war communism" to defeat the Menshevik Whites in the Russian Civil War. For 10 points, what color commonly appeared in the name of the army of the Soviet Union?

ANSWER: Red [or Rosse; accept Red Brigades or Red Army]

<Riley, European History>

13. A character in this play is described as the "most original moralist in England" by a millionaire. The protagonist of this play throws slippers at a character who was mistaken for a Covent Garden policeman at the beginning of it. The protagonist of this play marries (\*) Freddy Eynsford-Hill and is the subject of a bet between Colonel Pickering and Professor Higgins. For 10 points, name this play about the Cockney flower girl Eliza Doolittle, by George Bernard Shaw.

ANSWER: Pygmalion

<Ganguli, British Literature>

14. The differentiation of these structures into their gynoecium, androecium, calyx and corolla is controlled by three homeotic genes in the ABC model. Photoperiodic control is used to influence the appearance of these structures in "long-day" and "short-day" organisms. Ovules in these reproductive structures are located at the base of a single (\*) pistil, which is surrounded by stamens. A plant that is blooming is producing these structures. For 10 points, name these plant structures, which attract pollinators using colorful petals.

ANSWER: flowers [anti-prompt on stamens, carpels, and pistil until mentioned]

<Wu, Biology>

15. Clean Monday marks the beginning of the "Great" form of this holiday in Orthodox Churches. This holiday celebrates Jesus's refusal to make bread out of stone for Satan during a period of 40 days spent in the desert. (\*) Ash crosses are drawn on the forehead of Western Christians on the first Wednesday of this period, which ends on Good Friday. For 10 points, name this period, during which many Catholics give something up.

ANSWER: Lent [or Great Lent]

<Palavajjhala, Religion>

16. A sculpture of one of these animals sits atop the Thunder Stone, the largest stone ever moved by people. The leg of one of these animals sits atop a cannonball in another statue honoring Erasmo de Narni. Etienne Falconet designed a sculpture of the founder of (\*) St. Petersburg with a bronze one of these animals, another of which features in Donatello's *Gattamelatta*. For 10 points, name these animals, which are depicted with their riders in equestrian statues.

ANSWER: horses [or the *Bronze Horseman*]

<Mundhe, Visual Fine Arts>

17. A “law” named for this even function finds the length of the third side of any triangle, given the other two sides and the angle between them. On the unit circle, the x-coordinate is given by this function. The reciprocal of this function is the (\*) secant function. This function squared, plus sine squared, equals 1. For 10 points, name this trigonometric function, which, for an angle in a right triangle, equals the length of the opposite side, divided by the hypotenuse.

ANSWER: cosine [or law of cosines]

<Wu, Math>

18. This country is home to Manaus, where its largest river meets the Rio Negro. That river in this country alternatively names the pink river dolphin, the primary predator for piranhas. This country contains the world’s greatest number of (\*) uncontacted tribes, many of which are threatened by deforestation encouraged by its former president. For 10 points, name this large South American country, home to the majority of the Amazon Rainforest.

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

<Sareddy, Geography>

19. After this ruler defeated his brother, Ariq Böke, he conquered one region after the Battle of Yamen. This leader’s attempted invasions of Japan were stopped by a “divine wind,” or *kamikaze*. While he was emperor of a (\*) Chinese dynasty, this leader’s court was visited by the Venetian merchant Marco Polo. For 10 points, name this Mongol ruler of the Yuan Dynasty, the grandson of Genghis.

ANSWER: Kublai Khan [or Emperor Shizu of Yuan]

<Riley, World History>

20. This novel’s foreword includes the death of Mrs. Schiller and was written by John Ray Jr. The protagonist of this novel shoots the playwright of *The Enchanted Hunters* and pursues the title character due to the death of his childhood love Annabel Leigh. (\*) Charlotte is run over by a car after realizing her husband's infatuation with her daughter, Dolores Haze. For 10 points, name this novel about Humbert Humbert’s obsession with the title nymphet, by Vladimir Nabokov.

ANSWER: Lolita

<Ganguli, European Literature>

## Bonuses

1. Santa Claus hands out wrapped Christmas gifts, including a box of Lifesavers, in this novel. For 10 points each:  
[H] Name this novel, whose characters include the chess prodigy Waverly Jong. This novel is titled for a group of women who play mahjong.

ANSWER: *The Joy Luck Club*

[E] The four mothers from *The Joy Luck Club* meet at the First Chinese Baptist Church in this state's city of San Francisco.

ANSWER: California

[M] This Chinese-American author of *The Joy Luck Club* also wrote about Pearl and Winnie Louie's unstable relationship in *The Kitchen God's Wife*.

ANSWER: Amy Tan

<Ganguli, American Literature>

2. A citizen of one of these *two* polities, An Jung-Geun, assassinated the other's first prime minister, Itō Hirobumi. For 10 points each:

[H] Name these two polities, one of which occupied a peninsula, and the other of which occupied a nearby archipelago. Soldiers from one of these polities revolted against Emperor Gojong's concessions to the other in the Imo Mutiny.

ANSWER: Korean Empire and Empire of Japan [accept answers in either order; accept Joseon Dynasty in place of Korea]

[M] Japan influenced Gojong to enact the Gabo Reforms, the most notorious of which involved cutting this body part, worn in the *sangu* style by Korean males. The Qing Dynasty forced males to wear this body part in the *queue* style.

ANSWER: hair

[E] The Japanese army horribly mistreated Koreans during this war, in which Japan decided bombing Pearl Harbor was a great idea.

ANSWER: World War II [prompt on partial answer]

<Riley, World History>

3. This god was created out of turmeric paste to guard his mother during a bath. For 10 points each:

[M] Name this Hindu god, who is celebrated in a namesake "Chaturthi" festival. This elephant-headed "remover of obstacles" defeated his brother Karthikeya in a race around the world by encircling his parents.

ANSWER: Ganesha [or Ganapati; or Vinayaka; or Pillaiyar]

[H] Ganesha was created by this goddess, his mother. This goddess' form, Sati, is the etiology of a Hindu funerary ritual.

ANSWER: Parvati

[E] Ganesha and Karthikeya were both sons of this Hindu destroyer god, who makes up the Trimurti with Vishnu and Brahma.

ANSWER: Shiva

<Palavajjhala, Religion>

4. This country's historic regions of Provence and Gascony have prominent dialects of the Occitan language. For 10 points each:

[H] Name this country. Multiple unique Germanic languages are spoken in this country's Alsace region.

ANSWER: **France** [or **French** Republic; or République **Française**]

[E] Breton, a language spoken in France's coastal region of Brittany, is part of the Celtic language family, along with Gaelic, Welsh, and this other language. This language is predominantly spoken in a country governed from Dublin.

ANSWER: **Irish** [accept **Ireland**]

[M] One of the most widely spoken language isolates, Basque, is prominent in its namesake "country" that is shared between France and this other country to its south. Catalan is spoken in this country's Catalonia region.

ANSWER: **Spain** [or **España**]

<Sareddy, Geography>

5. Takashi Murakami, an artist from this country, often depicted its otaku subculture in works from its Superflat movement. For 10 points each:

[E] Name this country, whose history of visual flatness traces back to Hokusai's prints depicting *Thirty-Six Views of Mount Fuji*.

ANSWER: **Japan** [accept **Nihon**-koku; or **Nippon**-koku]

[M] The shape of Murakami's signature character, Mr. DOB, is reminiscent of this animated character. The 1928 film *Steamboat Willie* saw this character's first film appearance.

ANSWER: Mickey **Mouse** [or **Mickey** Mouse]

[H] Mr. DOB's first major appearance is in *727*, in which he is on one of these natural phenomena. In an earlier artwork that inspired the cover of Claude Debussy's *La Mer*, Prussian blue is used to depict one of these phenomena.

ANSWER: (ocean) **waves** [accept *Great Wave off Kanagawa*]

<Mundhe, Visual Fine Arts>

6. Answer the following about the computer memory hierarchy, for 10 points each:

[E] Towards the bottom of the hierarchy are these physical storage components, which have declined in use since the advent of solid state drives. This component is abbreviated HDD, though it's often referred to using a two-word term.

ANSWER: **hard drive** [or **hard disk**, or **hard disk drive**]

[H] These components are a smaller faster memory located close to the CPU and include L1 and L2 levels. This term, in general, refers to any component that stores data so future requests can be served faster.

ANSWER: **cache** [accept CPU **cache**]

[M] The most common type of temporary memory, RAM, stands for this kind of access memory. One can use a "seed" when generating numbers with this property.

ANSWER: **random** [accept **random** access memory; accept **random** numbers or **random** number generator; accept **pseudorandom**]

<Maharjan, Computer Science>

7. The Mamluks forced this ruler to retire from Crusading by having him stabbed with an allegedly poisoned dagger. For 10 points each:

[M] Name this English king, nicknamed “Longshanks,” who won the Battle of Falkirk.

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

[H] At the Battle of Falkirk, Edward defeated this rebel leader depicted in *Braveheart*. This leader was not actually sold out by Robert the Bruce prior to the Battle of Stirling Bridge.

ANSWER: William **Wallace** [prompt on **William**]

[E] After winning the Battle of Falkirk, Edward was nicknamed the “Hammer of” these people. Robert the Bruce was a king of these people, who name a country north of England.

ANSWER: **Scots** (or the Hammer of the **Scots**; or **Scotland**)

<Riley, European History>

8. This artist revealed that their 2022 album *Renaissance* would be the first act of a trilogy of albums. For 10 points each:

[M] Name this artist, who appears riding on a transparent horse on the cover of *Renaissance*. This artist’s recent “visual albums” include *Lemonade* and *Black is King*.

ANSWER: **Beyoncé**

[H] A sample from Big Freedia’s song “Explode,” repeating the word “yaka,” is featured in the opening of this lead single of *Renaissance*.

ANSWER: **BREAK MY SOUL**

[E] Much of *Renaissance* was inspired by this form of music. In a promotional photo for the album, Beyoncé reclines on a table under a “ball” used in this genre of dance music.

ANSWER: **disco** [or a **disco** ball]

<Mundhe, Pop Culture>

9. Inflammation of this organ is called hepatitis. For 10 points each:

[E] Name this largest internal organ, which is responsible for detoxifying the human body. This organ can be damaged in cirrhosis.

ANSWER: **liver**

[M] This substance may cause cirrhosis of the liver. This substance is produced by yeast in fermentation.

ANSWER: **ethanol** [or ethyl **alcohol**]

[H] In alcohol dehydrogenase overactivity, acetaldehyde is produced faster than it can be broken down into this weak acid, with formula CH<sub>3</sub>COOH.

ANSWER: **acetic acid** [accept **acetate**]

<Wu, Biology>

10. The largest city in Pokemon’s Galar region is Wyndon, a fictional depiction of this city. For 10 points each:

[E] The Galar region is based on Britain, so Wyndon is a depiction of this largest city and capital of the United Kingdom.

ANSWER: **London**

[M] Pokemon’s unrideable Galar Hurricane is based on the London Eye, one of these rides that offers spectacular views of the city.

ANSWER: **Ferris Wheels**

[H] In Galar, Chairman Rose’s tower resembles this skyscraper. Named for its resemblance to a piece of glass, this Renzo Piano-designed skyscraper is the tallest building in the U.K.

ANSWER: The **Shard**

<Mundhe, Geography>

11. This man assaults his niece Tyro to take revenge on his brother Salmoneus. For 10 points each:

[E] Name this man, who cheats death by binding Thanatos in his own chains. Eventually, he is condemned to push a boulder up a hill forever in Tartarus.

ANSWER: **Sisyphus**

[M] Sisyphus legendarily founded this city, which hosted non-Olympic “Games” named for the isthmus connecting the Peloponnese to the rest of Greece.

ANSWER: **Corinth** [prompt on Ephyra or Cichyrus]

[H] In some traditions, Sisyphus was the father of this man because he assaulted Anticlea as revenge for Autolycus stealing his cattle. This “man of many turns” is first recognized in his home kingdom by the wet nurse Eurycleia.

ANSWER: **Odysseus**

<Palavajjhala, Mythology>

12. This rule is violated by phosphorous pentachloride, which has five bonds around the central atom. For 10 points each:

[M] Name this oft-violated rule in chemistry, which states that atoms seek to have eight valence electrons.

ANSWER: **octet** rule

[H] Phosphorus pentachloride has 10 valence electrons forming 5 bonds and no lone pairs, giving it this geometry. Equatorial and axial substituents in this geometry can be exchanged via the Berry pseudorotation.

ANSWER: **trigonal bipyramidal**

[E] The fluorides of one member of this group, xenon, also violate the octet rule. These elements occupy the rightmost column of the periodic table and are very unreactive.

ANSWER: **noble gases** [accept **Group 18** elements]

<Wu, Chemistry>

13. Answer the following about the teaching of black history in the United States. For 10 points each:

[E] In February 2023, this organization announced that it would add an African American Studies class to the list of its Advanced Placement course offerings. This organization also administers the SAT.

ANSWER: **College Board**

[H] This initiative, developed by Nikole Hannah-Jones, aims to frame American history through the focus of slavery. A curriculum was developed for this initiative, named for the year when African slaves first landed in Jamestown.

ANSWER: the **1619 Project**

[M] Critics of the 1619 Project note its basis in this theory, which holds that many American legal systems are inherently racist. Florida passed the W.O.K.E. act to prevent the teaching of this theory.

ANSWER: **critical race** theory [accept **CRT**]

<Mundhe, Current Events>

14. During a series of migrations on this continent, Bantu-speakers likely replaced the original population of Cabinda. For 10 points each:

[E] Name this continent, where speakers of Niger-Congolese languages spread as far north as Cameroon.

ANSWER: **Africa**

[M] Some historians believe the Bantu expansion was accelerated by the ability to make tools out of this metal. This metal names an “age” after the Stone and Bronze ages.

ANSWER: **Iron** [or the **Iron** Age]

[H] These tribes native to the Congo Basin were decimated by the Bantu expansion. These tribes include the Mbenga, Mbuti, and Twa, and are named for their small size.

ANSWER: African **pygmies**

<Riley, Ancient History>

15. Poems in this form contain a word alluding to the season that the poem is set in. For 10 points each:

[M] Name this form of poetry collected in *The Seashell Game*. The most famous poem of this type describes a frog jumping into a pond.

ANSWER: **haiku**

[H] The author of *The Seashell Game*, Matsuo Basho, also wrote this travelog in a combination of prose and haiku. This work describes a journey Basho made on foot to the region of Oku.

ANSWER: **Narrow Road to the Deep North** [accept *The Narrow Road to the Interior* or *Oku no Hosomichi*]

[E] The first and last lines of a haiku contain this many syllables. There are this many feet in a line of iambic pentameter.

ANSWER: **five**

<Mundhe, World Literature>

16. Answer the following about lieder, which are 50% poetry, 50% music, and 100% awesome. For 10 points each:

[E] Name this language used to write *Der Erlkönig*, a poem used in one lied. Wilhelm Müller wrote in this language.

ANSWER: **German** [accept **Deutsch**]

[M] Wilhelm Müller’s poetry inspired this composer of *Der Erlkönig* to write the lieder cycles *Winterreise* and *Die Schöne Müllerin*. This Austrian composer also composed the “*Unfinished*” *Symphony*.

ANSWER: Franz **Schubert**

[H] Schubert’s lied *Die Forelle* inspired the nickname “Trout” for a piece for this many players. Modest Mussorgsky was part of a group of this many nationalist Russian composers, known as “the Mighty Handful.”

ANSWER: **five** [accept the Mighty **Five**]

<Mundhe, Auditory Fine Arts>

17. The Zeroth law of these objects, created by Isaac Asimov, states that they “may not harm humanity.” For 10 points each:

[E] Name these automatons that are said to have “positronic brains,” according to Asimov.

ANSWER: **Robots**

[M] This Czech science fiction writer wrote about robots taking over the world in his play *R.U.R.*, which introduced the word “robot.”

ANSWER: Karel **Čapek**

[H] In another play by Čapek titled for the war with these animals, Captain van Toch enslaves a race of these intelligent amphibians for pearl fishing. These animals demand lebensraum and destroy Earth’s landmass.

ANSWER: **newts** [or *War with the Newts*; or *Vaika S Mloky*; or *Salamander Wars*]

<Ganguli, European Literature>

18. Answer some questions about the motion of pendulums, for 10 points each:

[E] This quantity equals the amount of time it takes for the pendulum to return to its original position and complete one full cycle. Frequency equals one over this quantity.

ANSWER: **period** [prompt on T]

[M] The “simple harmonic” type of this type of motion is exemplified by the motion of pendulums. This term is used to refer to motion that is periodic.

ANSWER: **oscillation** [or simple harmonic **oscillation**]

[H] In this process, an external force, such as friction, slows down the oscillation of a pendulum, eventually causing it to stop. Taipei 101 contains an enormous steel ball that is tuned to the tower’s resonant frequency to perform this process.

ANSWER: **damping** [accept tuned mass **dampner**]

<Wu, Physics>

19. The desert planet Arrakis features many “crawlers” used to harvest this hallucinogenic resource. For 10 points each:

[H] Name this incredibly valuable fictional resource, which is used to power ships belonging to House Atreides.

ANSWER: **spice** [accept **melange**]

[E] Spice is an incredibly valuable resource in this science fiction movie, based on a Frank Herbert novel.

ANSWER: **Dune**

[M] This actor plays *Dune*’s protagonist, Paul Atreides. In *Little Women*, Jo’s lover Laurie was played by this actor, who also starred as Elio in *Call Me By Your Name*.

ANSWER: Timothée **Chalamet** [or Timothee Hal **Chalamet**]

<Mundhe, Pop Culture>

20. After a case involving this tribe, a President apocryphally said “John Marshall has made his decision; now let him enforce it.” For 10 points each:

[M] Name this tribe, whose rights to their land were upheld in *Worcester v. Georgia*. This tribe was forced to undergo the Trail of Tears.

ANSWER: **Cherokee**

[E] This President declined to recognize the decision in *Worcester v. Georgia*. The Trail of Tears was concluded by this President’s successor, Martin van Buren.

ANSWER: Andrew **Jackson**

[H] Andrew Jackson also opposed this tribe’s existence during a war started at the “Negro Fort.” This tribe was led by Osceola at the Battle of Lake Okeechobee.

ANSWER: **Seminoles**

<Riley, American History>