

SOUTHEAST-MIDWEST HOUSEWRITE: PACKET 9

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NOTE: THESE TOSSUPS AND BONUSSES ARE PAIRED. IF THE TOSSUP GOES DEAD, SKIP THE ASSOCIATED BONUS. DO **NOT** GO BACK AND READ ANY BONUSSES THAT ARE SKIPPED.

1. This leader had an affair with the wife of a man who proposed "Plan Balkan," which this leader fiercely opposed. This leader called Genghis Khan "the greatest military genius and leader in history" in a series of letters intended for his child that later became the book *Glimpses of World History*. This leader declared that his country would "awake to life and freedom" in his (*) "Tryst with Destiny" speech. This leader died soon after he prosecuted a failed four-month war against China in 1962. This leader's former colleague Muhammad Ali Jinnah forced him to agree to the creation of Pakistan as leader of the Congress Party. For 10 points, name this leader who served as the first prime minister of India.

ANSWER: Jawaharlal **Nehru** [or Pandit **Nehru**]

<Alaro, World History> [Ed. Prabhakar]

1. One author who wrote in this language described an "uneasy firefly" dancing in the air in a short work called "The Vicious Circle." For 10 points each:

[E] Name this language, whose unique literary genres include the *crônica*. The preeminent literary award in this language is named for Luis de Camões, who wrote *The Lusitads* in this language.

ANSWER: **Portuguese**

[M] One of the earliest authors of *crônicas* was this author of *Dom Casmurro*. He also created a character who tells the "epitaph of a small winner" in *The Posthumous Memoirs of Bras Cubas*.

ANSWER: Joaquim Maria **Machado** de Assis [prompt on de **Assis**]

[H] This other Brazilian author collected her own *crônicas* in *The Discovery of the World*. She also wrote a novel whose protagonist crushes and eats a cockroach in the maid's room, *The Passion According to G.H.*

ANSWER: Clarice **Lispector**

<Leahy, Long Fiction> [Edited]

2. This artist depicted a British socialite known for wearing an armful of African bracelets in his *Portrait of Nancy Cunard*. The salvaged oak sculpture *Watchdog* by this artist serves as the base of another of his sculptures that depicts a flying witch. This sculptor had several works, including *The Sorceress*, commissioned by the Maharaja of Indore for a (*) "Temple of Meditation." Multiple busts with almond-like eyes by this artist depict his contemporary Margit Pogany. A stone cylinder surrounded by twelve hourglass-shaped chairs was sculpted as part of a war memorial by this artist at Târgu Jiu. For 10 points, name this sculptor of the *Table of Silence* who depicted flight in his abstract *Bird in Space* series.

ANSWER: Constantin **Brâncuși** ("brahn-KOOSH")

<Gandhi, Painting & Sculpture> [Ed. Strombeck]

2. This man negotiated the Historic Compromise with Enrico Berlinguer (“ber-ling-GWER”). For 10 points each:
[M] Name this former Italian prime minister from the Christian Democracy party who was kidnapped by the Red Brigades in 1978. He was killed after 55 days in captivity.

ANSWER: Aldo Romeo Luigi **Moro**

[H] While he was prime minister, Moro negotiated the Treaty of Osimo, dividing control over this city. After World War II, this city was divided by the Morgan Line until it was made a Free Territory in 1947.

ANSWER: **Trieste**

[E] Moro also served as Minister of Foreign Affairs, during which time he was forced to contend with the rise of Muammar Gaddafi in this north African country.

ANSWER: State of **Libya**

<Prabhakar, British/European History> [Edited]

3. Disparities between observations of the SHoES project to calculate this value and earlier projections for this value have led to a “tension” named for this value. This value, which is equal to “ a -dot over a ,” has a time-dependence characterized by the deceleration parameter q . Allan Sandage proposed a value of 75 kilometers per second per (*) megaparsec for this value. This value is the constant of proportionality in an equation directly relating a galaxy’s distance from Earth to the velocity at which it is moving away from Earth. The reciprocal of this value approximately gives the age of the universe. For 10 points, name this constant that characterizes the universe’s rate of expansion, named for the same scientist as a NASA space telescope.

ANSWER: **Hubble** constant

<Bowman, Physics> [Edited]

3. Mutated presenilin 1 and 2 genes may cause these structures to form. For 10 points each:

[H] Name these structures, formed when beta-secretase acts on a certain protein earlier than alpha-secretase. Congo red stain can be used to identify these structures.

ANSWER: beta-**amyloid plaques** [prompt on amyloids; prompt on protein aggregates]

[E] Amyloid plaques can cause this disease, which is the leading cause of dementia in older people.

ANSWER: **Alzheimer**’s disease

[M] Deposition of amyloid plaques near blood vessels can cause cerebral amyloid angiopathy, which can lead to these events. These events have symptoms described by the acronym FAST.

ANSWER: hemorrhagic **strokes** [or **cerebrovascular accidents** or **CVAs**]

<Karthik, Biology> [Ed. Lei]

4. This character leaves behind “Manhattoes” in a chapter where he imagines an event in his life as a newspaper headline alongside “Bloody Battle in Afghanistan.” In a homoerotic passage, this character tries to “unlock the bridegroom clasp” of a sleeping character’s embrace after hiding from that character the night before. This character feels a “damp, drizzly November” in his soul that makes him travel to Peter Coffin’s (*) Spouter Inn. This character is roused by Father Mapple’s sermon before going to Nantucket with Bildad, Peleg, and a heavily-tattooed character. This character survives the sinking of the Pequod by clinging to Queequeg’s coffin. For 10 points, name this character who introduces himself with the words “call me” in the first sentence of Melville’s *Moby Dick*.

ANSWER: **Ishmael**

<Strombeck, Long Fiction> [Ed. Leahy]

4. During a 2019 session of Parliament, Joanna Cherry held up a picture of a blue-haired anime girl telling this group of people to “shut up.” For 10 points each:

[M] Name this general acronym for people who refuse to recognize trans women as women under the guise of feminism.

ANSWER: **TERFs** [or **Trans-Exclusionary Radical Feminists**; prompt on gender critical by asking “by what acronym are they usually referred?”]

[E] This British author of the *Harry Potter* series has been labeled a TERF for tweets criticizing the phrase “people who menstruate.” This author was also accused of using transphobic tropes in her 2020 novel *Troubled Blood*.

ANSWER: J.K. **Rowling** [or Joanne **Rowling** or Joanne Kathleen **Rowling**; accept Robert **Galbraith**]

[H] Rowling’s essay defending her remarks was challenged by this British charity that supports trans youth. Chelsea Manning and AOC appeared on a 57-hour stream of Donkey Kong 64 to raise money for this charity.

ANSWER: **Mermaids** (The 57-hour livestream in support of Mermaids was undertaken by Hbombguy.)

<Leahy, Current Events> [Ed. Nageswaran]

5. The term “agentic” was coined by this researcher to describe people who are proactive about self-learning. This researcher developed a behavior modeling therapy for phobias that helped snake-phobes by letting them drape snakes around their necks. Attention, retention, reproduction, and motivation are the four methods of learning listed by this researcher as part of their theory that learning is (*) observational rather than strictly behavioral. Dorothea and Sheila Ross collaborated on an experiment with this researcher who formulated social learning theory; in that experiment, children imitated the aggressive behavior of adults attacking a toy. For 10 points, name this psychologist who created the Bobo doll experiment.

ANSWER: Albert **Bandura**

<Kapadia, Psychology> [Ed. Ashbrook]

5. This music form’s first written rules appeared in the 9th century treatise *Musica enchiriadis*, though its most famous practitioners were an *ars antiqua* school of composers including Leonin and Perotin. For 10 points each:

[H] Name this medieval music form, an early endeavor into polyphony that added a voice to Gregorian chant. This was the primary musical form practiced by the Notre-Dame School.

ANSWER: **organum**

[M] The organum modifies monophonic chant by adding a voice this interval above the original. After the octave, this interval is the second in the overtone series.

ANSWER: **fifths** [accept perfect **fifths**]

[E] 14th century French composer Guillaume de Machaut wrote an early Ordinary setting of one of these pieces named “Nostre Dame.” Requiems are a type of these sacred pieces which accompany church services.

ANSWER: **masses** [accept **Messe de Nostre Dame**]

<Strombeck, Classical Music> [Edited]

6. This mathematician developed a notation that uses tangles to describe knots. This mathematician and Simon Norton observed that the coefficients of the j -function were related to the monster group. A proper class created by this mathematician that contains infinities and infinitesimals in addition to the reals was dubbed the “surreal numbers” by Donald Knuth. In 2020, Lisa Piccirillo proved that a knot with 11 crossings named for this mathematician is not slice. (*) Gosper guns were used to construct a Turing machine within a system invented by this mathematician. That cellular automaton devised by this mathematician acts on the rule that a cell only lives if it has two or three neighbors. For 10 points, name this mathematician who invented the Game of Life.

ANSWER: John **Conway**

<Bowman, Math> [Edited]

6. A cult centered on this figure claimed he went to Latium and became the god Virbius. For 10 points each:
[M] Name this figure. This figure was falsely accused of rape by his stepmother Phaedra, causing Poseidon to send a monster to scare this figure's horses who dragged him to his death.

ANSWER: **Hippolytus**

[E] Hippolytus was the son of Theseus and Hippolyta, the latter of whom was queen of this tribe of warrior-women. According to some accounts, this tribe's skill at fighting partially came from the practice of cutting off their right breasts.

ANSWER: **Amazons**

[H] Girls in the city of Troezen would offer one of these objects to Hippolytus as a symbol of their virginity. Nisos, king of Megara, was protected by a purple one of these objects.

ANSWER: lock of **hair** [accept strand of **hair** or obvious equivalents]

<Prabhakar, Myth> [Edited]

7. This poem describes the “mane of horses in their flight” and “eagle when she stems the light.” A character in this poem who goes home with “inward laughter” heard her “penny jingle / Bouncing in her purse.” The speaker of this poem notes that “One may lead a horse to water, / Twenty cannot make him drink.” This poem recalls (*) Jeanie, on whose grave daisies are planted. Some creatures in this poem have a “cat’s face,” “tramp’d at a rat’s pace,” or “crawl’d like a snail.” Fruits for purchase in this poem include “Apples and quinces, / Lemons and oranges, / Plump unpeck’d cherries.” Laura and Lizzie appear in, for 10 points, what poem whose title figures say “Come buy, come buy,” written by Christina Rossetti.

ANSWER: “**Goblin Market**”

<Lei, Poetry> [Edited]

7. In a novel, a boatman who “gained a scanty” ferrying passengers across this river names the town of St. Ogg’s along this river. For 10 points each:

[H] Name this river. A character who leaves a letter to her suitor Stephen Guest unfinished drowns “in an embrace never to be parted” after this river floods.

ANSWER: the River **Floss**

[M] The flooding of the Floss drowns a girl of this name and the surname Tulliver, along with her brother Tom. A character with this first name is forced to become a prostitute in a Stephen Crane novel about a “Girl of the Streets.”

ANSWER: **Maggie** [accept **Maggie** Tulliver or **Maggie** Johnson]

[E] This author wrote about Maggie Tulliver in *The Mill on the Floss*. Dorothea Brooke is prevented from remarrying by the author of “The Key to All Mythologies” in this author’s *Middlemarch*.

ANSWER: George **Eliot** [accept Mary Ann **Evans**]

<Leahy, Long Fiction> [Edited]

8. The perpetrator of this event claimed that he was framed by a smuggler named Raoul. The aftermath of this event led to the National Guard occupying Wilmington, Delaware for 10 months. A speech reacting to this event quoted Aeschylus when imploring people to “make gentle the life of the world.” This event targeted a man who had earlier delivered a speech where he declared “I’m not (*) fearing any man.” An impromptu speech after this event was delivered on top of a flatbed truck in Indianapolis by Robert F. Kennedy. The day before this event occurred, its victim gave the “I’ve Been to the Mountaintop” speech while supporting the Memphis Sanitation Strike. For 10 points, James Earl Ray committed what 1968 murder of a prominent Civil Rights leader?

ANSWER: **assassination** of Martin Luther **King** Jr. [or **assassination** of **MLK** Jr.; accept synonyms of assassination such as **murder** or **killing**]

<Alaro, American History> [Ed. Nageswaran]

8. Hans Vaihinger influenced this psychologist's idea that individuals are in pursuit of a fictional final goal. For 10 points each:

[M] Name this psychologist who posited that birth order affects the different personalities of children in the book *Understanding Human Nature*.

ANSWER: Alfred **Adler**

[E] Adler is credited with developing the theory of this type of complex, which today is referred to as a "lack of self-esteem." People who possess this complex often feel like they are lesser than others.

ANSWER: **inferiority** complex [accept word forms like **inferior**]

[H] Adler's teleological psychology was based on holism, a theory developed by this South African psychologist in his book *Holism and Evolution*. This psychologist's defeat in the 1948 general election led to the beginning of apartheid.

ANSWER: Jan (Christian) **Smuts**

<Prabhakar, Psychology> [Ed. Ashbrook]

9. A medieval tradition of making human-sized types of these objects is known as "measuring to a saint." Saint Anselm used the idea that bees represent the Virgin Mary to explain why these objects are used in Catholic services. These objects provide an alternate name to the February 2nd feast day that commemorates the presentation of Christ at the Temple. The letters alpha and omega appear on some of these objects used during (*) Easter services. Wine, spices, and a special braided one of these objects are used to signify the end of Shabbat in the Havdalah ceremony. Eight of these objects each represent a day during a holiday that also uses a special "helper" one of these objects called a shamash. For 10 points, name these objects that are held in a menorah and lit during Hanukkah.

ANSWER: **candles** [prompt on **lamps**; prompt on **lights**; accept **Candlemas**]

<Ashbrook, Religion> [Edited]

9. Sparrows were nearly driven extinct by this initiative's Four Pests Campaign. For 10 points each:

[M] Name this economic plan that aimed to have one country rapidly industrialize beginning in 1958. This plan was a catastrophic failure and resulted in the deaths of millions.

ANSWER: **Great Leap Forward** [or **Second Chinese Five Year Plan**; do NOT accept or prompt on "Five Year Plan"]

[H] This defense minister was purged after criticizing the Great Leap Forward at the 1959 Lushan Conference. This commander of the People's Volunteer Army during the Korean War later died during the Cultural Revolution.

ANSWER: **Peng** Dehuai

[E] The Great Leap Forward sought to significantly increase Chinese production of this alloy, resulting in people trying to manufacture it in backyard furnaces. In the West, this alloy was mass produced by the Bessemer process.

ANSWER: **steel**

<Alaro, World History> [Ed. Prabhakar]

10. In 2007, 15 visitors to a museum in this country were injured by a large crack in a floor that constituted Doris Salcedo's installation *Shibboleth*. A curator from this country named Nicholas Serota makes an "Acquisitions Decision" while looking at red underwear in a painting from a movement founded in this country, Stuckism. An art museum in this country exhibited installations like Olafur Eliasson's *The Weather Project* and Ai Weiwei's (*) *Sunflower Seeds* in its Turbine Hall. Charles Saatchi sponsors a group of artists from this country that includes Tracy Emin and the creator of a shark preserved in formaldehyde, Damien Hirst. For 10 points, name this country home to the YBA, which frequently exhibits their work at the Tate Modern in London.

ANSWER: **United Kingdom** [or Great **Britain**; accept **England**]

<Dantzer, Miscellaneous Fine Arts> [Ed. Strombeck]

10. The output of a linear time-invariant system is equal to this operation performed on the input signal and the impulse response. For 10 points each:

[H] Name this operation, represented by an asterisk. Mathematically, performing this operation on functions f and g gives [read slowly] “the integral from zero to t of f of tau times g of the quantity t minus tau, d tau.”

ANSWER: **convolution** [or **convolution** integral]

[E] An LTI system is also described by the transfer function, which results from converting the impulse response via a Laplace (“luh-PLAHSS”) transform from the time domain to a domain named for this quantity, which is measured in hertz.

ANSWER: **frequency**

[M] The impulse response is usually defined as the output signal obtained when this function is the input. The integral of this function is equal to 1, but its value is 0 at all points except 0, where it spikes to infinity.

ANSWER: Dirac **delta** function [prompt on **Dirac** function]

<Karthik, Engineering> [Edited]

11. The claim that this character will “triumph by making himself ridiculous” appears in *The Tragic Sense of Life*, a work by an author who also imagined this character as “Our Lord” in one essay. In a series of lectures, Vladimir Nabokov suggested that this character battle the real-life author Avellanada, who wrote a sequel centering on him. This character appears in the same book as an “Impertinently Curious Man” whose wife is seduced by Lothario. The Arabic (*) Cide Hamete Benengeli documents this character’s life, including him attending the funeral of Grisóstomo. Miguel Unamuno argued that this character embodied the “soul of Spain” through his tragic end trying to woo Dulcinea. For 10 points, name this knight from La Mancha who attacks windmills in a novel by Miguel Cervantes.

ANSWER: Don **Quixote** [accept Alonso **Quijano**]

<Kala, Short Fiction/Other> [Ed. Leahy]

11. This sin is divided into “greater” and “lesser” aspects based on if a person’s actions match up with their beliefs. For 10 points each:

[H] Name this only unforgivable sin in Islam. This sin consists of attributing the nature of God to another entity or assigning God a partner in duties or attributes.

ANSWER: **shirk** [prompt on **idolatry**; prompt on **polytheism**]

[M] Committing *shirk* goes against the oneness of God, which is established in the first part of this statement. This statement appears on the flag of Saudi Arabia.

ANSWER: the **Shahada** [accept “**There is no deity but God; Muhammad is the Messenger of God**” or close translations]

[E] A textbook example of shirk is believing in this view. Catholics adhere to this view, which states that there is one God who is made up of three distinct persons.

ANSWER: The **Trinity** [accept **trinitarianism**]

<Valan, Religion> [Edited]

12. The Dominican dish *los tres golpes* is made by boiling this food, then topping it with red onions. This food is used to create a ketchup in the Philippines which is dyed red to look like regular ketchup. This food is fried to make *pisang goreng* in Indonesia. Along with vanilla ice cream, this food is used in an American dessert named for Richard (*) Foster. The leaves of this food’s plant are used in the *pepes* cooking method. This food’s Gros Michel (“grow mee-SHELL”) variety was wiped out in the 1950s by an outbreak of Panama Disease, which is also threatening this food’s Cavendish variety. This food used to make *tostones* is produced by companies such as Dole and Chiquita. For 10 points, name this curved yellow fruit.

ANSWER: **bananas** [accept **plantains**]

<Lau/Prabhakar, Geography/CE> [Ed. Prabhakar]

12. After this woman's early death, an artist created a portrait of her in a red hat. For 10 points each:

[H] Name this woman, who in an etching appears behind that artist wearing a beret, and also appears behind the artist in his painting *The Prodigal Son in the Brothel*.

ANSWER: Saskia van Uylenburgh [accept either underlined part; accept but do NOT reveal answers mentioning the wife of Rembrandt Harmenszoon van Rijn; do NOT accept or prompt on "Rembrandt" alone]

[E] This Dutch artist painted those portraits of his wife Saskia, along with group portraits like *The Night Watch*.

ANSWER: Rembrandt Harmenszoon van Rijn

[M] In this Rembrandt painting, the title turban-wearing king and his guests turn around in awe as a disembodied hand appears at the wall behind them.

ANSWER: Belshazzar's Feast

<Dantzer, Painting & Sculpture> [Edited]

13. A series of airlift evacuations from this city named for a five-year old resident was known as Operation Irma. It's not in Lebanon, but protestors in this city were attacked from a Holiday Inn that later became a haven for journalists. Concrete scars in this city were filled with red resin to make its namesake "roses," one of which was made after the shelling of this city's (*) Markale ("mar-KAH-lee") Marketplace. Admira Ismić ("IZ-mitch") and Boško Brkić ("BURR-kitch") were killed trying to flee across this city's "Sniper Alley." The 1995 Dayton Accords ended a four-year long siege of this city during an invasion of its country by Serb forces. For 10 points, name this war-torn Balkan city, the capital of Bosnia and Herzegovina.

ANSWER: Sarajevo

<Strombeck, British/European History> [Ed. Prabhakar]

13. Collision resistance is an ideal quality for cryptographic functions that generate these values. For 10 points each:
[M] Name these fixed-size values that uniquely encode strings of arbitrary length. These values are then indexed in tables that can be searched in constant time.

ANSWER: hashes [accept hash values or hash functions or hash tables]

[E] A type of hash function named after this mathematician uses a multiplier of "2 to the w over the golden ratio." A common example of recursion generates a sequence named for this mathematician, which begins "1, 1, 2, 3, 5, 8."

ANSWER: Fibonacci [or Leonardo of Pisa]

[H] The Rabin-Karp algorithm uses a rolling hash as a filter while performing this task. The bitap algorithm finds approximate solutions in this task by accepting sufficiently low values for the Levenshtein distance.

ANSWER: string searching [or string matching; or pattern matching; prompt on searching or matching]

<Bowman, Computer Science> [Edited]

14. It's not extraction, but CTAB or 16-BAC are used in a form of this technique. An alternative to the Laemmli system of this technique is the bis-tris system. Temperature inconsistencies while performing this technique may lead to "smiling." When beta-mercaptoethanol is used in place of DTT in this technique, boiling is usually required. The 2-D type of this technique is an alternative to the native type, which does not require (*) sodium dodecyl sulfate. This technique is followed by transferral onto a PVDF membrane in the Western blot. A "ladder" is used to interpret results of this technique, which can be seen using UV light. After fragments in this technique are loaded into wells, they move towards the positive electrode. For 10 points, name this lab technique that uses an electric field to separate DNA fragments by their size.

ANSWER: gel electrophoresis [accept DNA or protein electrophoresis; accept SDS-PAGE; prompt on gel; prompt on Western blot until mentioned with "What specific part of a Western blot does this apply to?"]

<Karthik, Biology> [Ed. Lei]

14. Answer the following about Roger Taney (“taw-nee”) before he became Chief Justice of the Supreme Court, for 10 points each.

[E] Taney served in this state’s legislature for one term upon the encouragement of his father. Before serving as a Supreme Court justice, Taney represented this state’s largest city in the case of *Barron v. Baltimore*.

ANSWER: **Maryland**

[H] Taney spent nine months as Secretary of the Treasury before being succeeded by this man. This man issued the Specie Circular and later joined Taney on the Supreme Court upon the death of Joseph Story.

ANSWER: Levi **Woodbury**

[M] After serving as the acting Secretary of War, Taney was appointed by Andrew Jackson to this other cabinet position in 1831. Edmund Randolph was the inaugural holder of this position in George Washington’s cabinet.

ANSWER: **Attorney General** [or **A.G.**]

<Prabhakar, American History> [Ed. Nageswaran]

15. It’s not thunder, but a god of these objects fought Takeminakata in the first sumo wrestling match. That god is Takemikazuchi. In one contest the Three Goddesses of Munakata were formed after one deity chewed on one of these objects while a competitor made five male deities out of beads. Prince Yamato-Takeru escaped a (*) burning field with the help of one of these objects that was capable of controlling the wind. Ninigi-no-Mikoto was given one of these objects in addition to a mirror and a jewel. That one of these objects was taken from the body of the slain Yamata no Orochi by Susanoo and has a name that translates to “grass-cutter.” For 10 points, Kusanagi is what type of bladed weapon exemplified by the katana?

ANSWER: **swords** [accept **Kusanagi** before mention; accept grass-cutter **sword** before mention; prompt on **katana** before mentioned by asking “what general type of weapon is a katana?”]

<Prabhakar, Myth> [Ed. Groger]

15. An author from this state describes a message reading “Popeye sits in thunder, unthought of” in his “Farm Implements and Rutabagas in a Landscape.” For 10 points each:

[E] Name this state that shares its name with a poetry school whose members included Frank O’Hara. Langston Hughes was involved with an earlier poetic “Renaissance” centered in this state.

ANSWER: **New York**

[H] Another member of the New York school was John Ashbery, who wrote this poem to head a collection discussing his homosexuality. A painter draws “the right hand / bigger than the head” of this poem’s title object.

ANSWER: **“Self-Portrait in a Convex Mirror”**

[M] Ashbery described “A canvas on which emerges a chorus of smiles” in a poem titled after some of these objects. Ogden Nash compared the “loveliness” of a billboard to one of these objects in a play on a Joyce Kilmer poem.

ANSWER: **trees**

<Leahy, Poetry> [Edited]

16. The noblewoman Jeanne de Clisson (“CLEE-sahn”) engaged in this practice after her husband was executed. After apocryphally turning a deck of cards into a dove, a woman who engaged in this practice was released from prison, where she was sent after “pleading the belly” to avoid execution. This practice was encouraged by the Illyrian queen (*) Teuta, initiating a conflict with the Roman Republic. A harsh legal code for participants in this practice was introduced by the winner of the Battle of the Tiger’s Mouth, Ching Shih. Mary Read and Anne Bonny also engaged in this practice along with “Calico Jack” Rackham during the “Golden Age” of this practice. Many participants in this practice were based out of Port Royal, Jamaica. For 10 points, name this practice of raiding ships.

ANSWER: **piracy** [accept **pirates**]

<Prabhakar, Other History> [Edited]

16. A dance form that uses these objects was supposedly based on the way tikling birds avoided traps made from these objects near farms. For 10 points each:

[H] Name these objects, which are struck against the ground in tinikling, a traditional dance from the Philippines.

ANSWER: bamboo **poles** [accept clear equivalents like **bamboo** or bamboo **sticks**]

[E] The Cheraw dance, which uses bamboo poles in a grid formation, is performed in this country's state of Mizoram. The classical dances of this country are drawn from the *Natya Shastra*, an ancient performing arts treatise written in Sanskrit.

ANSWER: Republic of **India**

[M] Bamboo poles are used by multiple people to hold up the segments of a fabric figure in this dance, which is usually performed during Chinese New Year.

ANSWER: **dragon** dance [or **wǔ lóng**; do NOT accept or prompt on "lion dance"]

<Bowman, Dance> [Edited]

17. In a short film in this medium, a drunk man hallucinates in an art museum. That film, *Closed Mondays*, was directed by Will Vinton, the father of this medium. Abstract shapes form and deform in a film in this medium by Art Clokey, who later produced a show in this medium featuring the dog Nopey and the talking red horse Pokey. Movies in this medium use either molds or armatures for (*) plasticine figures that are captured through keyframing. The studio Aardman produced films in this medium about a man and dog who stop an evil penguin from stealing diamonds and hunt for the Were-Rabbit. For 10 points, media like *Gumby* and the *Wallace and Gromit* series use what form of stop-motion animation that involves malleable substance?

ANSWER: **claymation** [or **clay animation**; prompt on **stop-motion** animation before mentioned; prompt on **animation** before mentioned]

<Ashbrook, Other> [Ed. Strombeck]

17. This work uses E. Franklin Frazier's theory on "the cities of destruction" to explain why this work's addressee exhibits "no tendency towards holiness." For 10 points each:

[M] Name this collection by James Baldwin, which includes a letter to the author's nephew on emancipation and race relations in "My Dungeon Shook."

ANSWER: ***The Fire Next Time***

[H] The second part of *The Fire Next Time* is this essay, which details the hypocrisy of white "Christian virtues." This essay analyzes the "black God" of the Nation of Islam over Baldwin's dinner with Elijah Muhammad.

ANSWER: **"Down at the Cross - Letter from a Region of my Mind"** [accept either underlined part]

[E] The opening of "Down at the Cross" includes a quote from this man that encourages the reader to not "call too loud on Freedom" in taking up the title "White Man's Burden."

ANSWER: Rudyard **Kipling**

<Leahy, Short Fiction/Other> [Edited]

18. A movement from a larger work for this ensemble alternates between 3/4 and 4/4 and adds an anvil to depict the title "Song of the Blacksmith." The tune "Seventeen Come Sunday" opens a work for this ensemble that later had one of its movements published as the stand-alone *Sea Songs*. Works for this ensemble like *Toccata Marziale* were championed by Frederick Fennell. The *St. Paul Suite* reused the (*) "Fantasia on the Dargason" that ends Gustav Holst's second suite for this ensemble. A composer who founded a "President's Own" one of these ensembles made up of Marines included a famous piccolo part in his *The Stars and Stripes Forever*. For 10 points, name these typically stringless ensembles whose repertoire includes marches by John Philip Sousa.

ANSWER: concert **band** [or wind **band**; or symphonic **band**; or military **band**; or marching **band**; or **wind** ensemble]

<Karthik, Classical Music> [Ed. Strombeck]

18. Zinc sulfide, or ZnS, is a common inorganic compound that has a variety of interesting uses. For 10 points each:
[M] ZnS is a semiconductor despite it having a fairly large value for this quantity, which is high for insulators. This quantity is defined as the energy difference between valence and conduction levels.

ANSWER: **band gap**

[H] ZnS is often found in this cubic crystal form with (4,4)-coordination. In this structure for ZnS, sulfide anions are present in face-centered cubic positions and zinc cations occupy half of the tetrahedral holes.

ANSWER: **zincblende** [accept **sphalerite**]

[E] To prove the existence of an atomic nucleus, Rutherford used a zinc sulfide screen to detect these particles that were fired at a piece of gold foil. They are equivalent to helium-4 nuclei.

ANSWER: **alpha** particles [accept **alpha** radiation]

<Zhao, Chemistry> [Ed. Lei]

19. The author of this essay draws inspiration from a figure in a hammock referred to only as J--- H--- ("J-H"). This essay critiques a Tennyson poem in wondering "what men hummed at luncheon parties before the war." This essay's author describes themselves as "Mary Beton, Mary Seton, or Mary Carmichael," the last of whom authored the fictional *Life's Adventure*. This essay argues that (*) "Cleopatra's only feeling about Octavia is one of jealousy" in analyzing why "Chloe liked Olivia." This essay describes an "extraordinarily gifted sister" who kills herself after being forced into marriage and prevented from writing; that character is Judith Shakespeare. For 10 points, name this essay which argues that women need the title luxury to write fiction, a work of Virginia Woolf.

ANSWER: *A Room of One's Own*

<Leahy, Short Fiction/Other> [Edited]

19. Cuthbert Grant and his men won the Battle of Seven Oaks in this modern-day province. For 10 points each:

[H] Name this province where Grant and his men killed Robert Semple and defeated the Hudson's Bay Company. A later rebellion in this province ended with the arrival of the Wolseley Expedition.

ANSWER: **Manitoba**

[M] Cuthbert Grant and his men were members of this ethnic group of mixed indigenous and European descent. Manitoba became a province after Louis Riel led members of this ethnic group in the failed Red River Rebellion.

ANSWER: **Métis**

[E] Manitoba and other western provinces of Canada were linked to the east by a transcontinental one of these structures finished in 1885. The "Golden Spike" marked the completion of one of these structures in the U.S. in 1869.

ANSWER: **railroads** [accept **railway** or **rail line** or **train line**]

<Prabhakar, Other History> [Edited]

20. It's not oxygen, but an asymmetric hydrogenation ligand with two atoms of this element called DIPAMP was used in the first synthesis of L-DOPA. Two atoms of this element are bonded to iridium in Vaska's complex. The loss of a ligand with one atom of this element activates Wilkinson's catalyst. A non-stabilized compound containing a carbanion ("carb-AN-eye-on") bonded to a cation of this element is a reactant in the Schlosser modification. Three (*) phenyl groups are bonded to this element in an ylide used to synthesize alkenes via the Wittig reaction. Apatite is used primarily as a source of this element. With potassium and nitrogen, this element is a primary macronutrient in fertilizers. For 10 points, name this element occurring in white and red allotropes, the latter of which is found in match heads.

ANSWER: **phosphorus** [or **P**]

<Karthik, Chemistry> [Ed. Lei]

20. Susan Bordo claimed that one book by this thinker reduces the body to “pure text.” For 10 points each:

[M] Name this UC Berkeley philosopher who claimed that mainstream feminist conceptions of womanhood mirror the universality of the patriarchy in their book *Gender Trouble*.

ANSWER: Judith Pamela **Butler**

[E] Butler criticized previous frameworks of gender using this thinker’s opposition to the metaphysics of substance that he developed in *On the Genealogy of Morals*. This German claimed “God is dead” in his book *Thus Spoke Zarathustra*.

ANSWER: Friedrich Wilhelm **Nietzsche**

[H] In *Bodies That Matter*, Butler criticized this other thinker’s claim that drag was misogynistic. This philosopher advocated for teaching students how to overcome class and social boundaries in the book *Teaching to Transgress*.

ANSWER: bell **hooks** [or Gloria Jean **Watkins**]

<Prabhakar, Philosophy> [Edited]
