

# SOUTHEAST-MIDWEST HOUSEWRITE: PACKET 17

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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.

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**1. The temperature at which one type of this quantity is maximized is given by the Magnus formula. The specific form of this quantity, symbolized gamma, can be calculated by “ $W$  over  $1 + W$ ,” where  $W$  is the mixing ratio. The ratio between two values for this quantity is plotted on the y-axis of a psychrometric chart. The difference between the two (\*) bulb temperatures is determined by this quantity. This quantity can be measured using a hygrometer. When one measure of this quantity is 100%, the current temperature is equal to the dew point and the air is maximally saturated. Devices that reduce this quantity for the air are used to prevent mildew. For 10 points, name this measure of water vapor concentration in the air.**

ANSWER: **humidity** [accept relative **humidity** or absolute **humidity** or specific **humidity**; accept **water content** or **water concentration** until “water”; accept answers referring to air **moisture**; accept **dehumidifier**; prompt on **concentration**]

<Bowman, Earth Science> [Edited]

1. A bust of this explorer mysteriously appeared in Mt. Tabor Park in 2021. For 10 points each:

[H] Name this explorer whom that bust honored as “the first African-American to cross North America and reach the Pacific Coast.” At the conclusion of that expedition in 1806, this explorer’s master refused to free him.

ANSWER: **York**

[E] York accompanied his master on this expedition to explore the territory gained after the Louisiana Purchase. The Shoshone woman Sacagawea served as a translator for this expedition.

ANSWER: **Lewis and Clark** Expedition [accept the **Corps of Discovery**]

[M] During one encounter, members of this tribe supposedly tried to wash York’s skin as he was the first Black man they had seen. Later leaders of this tribe included Chief Joseph and Looking Glass.

ANSWER: **Nez Perce** [or **Nimi’ipuu**]

<Nageswaran, American History> [Edited]

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**2. In a poem in this collection, the speaker compares his “boundless desire” with a “shifting road” and discusses “dark river-beds where the eternal thirst flows.” The “rough peasant body digs in” that poem’s title figure, described as “a world / lying in surrender.” Another poem in this collection addresses a “subtle visitor” who “play[s] with the light of the universe” and ends by saying (\*) “I want / to do with you what spring does with the cherry trees.” The speaker of this collection’s penultimate poem writes how the stars “shiver in the distance” and laments “love is so short, forgetting is so long.” The last poem in this collection proclaims “it is the hour of departure, oh deserted one!” before telling its subject “in you, everything sank.” For 10 points, name this collection of twenty-one poems by Pablo Neruda.**

ANSWER: **Twenty Love Poems and a Song of Despair**

<Bowman, Poetry> [Ed. Leahy]

2. Xiong Shili (“SHEE-ong shir-LEE”) started a “new” movement based on the teachings of this school of thought that combined its social aspects with Western metaphysics. For 10 points each:

[E] Name this Chinese school of thought that resurged in the 20th century during the rise of Communism. This school of thought’s namesake espoused different types of social loyalty, such as filial piety.

ANSWER: **Confucianism** [or **Ruism**; accept New **Confucianism**; accept **Confucius**; accept **Kong** Fuzi or similar names like **Kong** Qiu; do NOT accept or prompt on “Neo-Confucianism,” as that was a separate movement in the mid-1800s]

[H] The New Confucian Manifesto argues that Western culture must understand China’s “one-foundation” approach to this concept that gives the nation its *Xin-Xing* (“shinn shing”), or “mind nature.” R.G. Collingwood wrote a book on *The Idea* of this concept.

ANSWER: **history** [accept *The Idea of History*]

[M] Mou Zongsan’s New Confucian philosophy combined Western morality with the good of human nature discussed by this earlier Chinese philosopher. This philosopher was known as the “Second sage of Confucianism.”

ANSWER: **Mencius** [or **Mengzi**]

<Ashbrook, Philosophy> [Edited]

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**3. In 2021, the Japanese beer company Kirin ended its partnership with this country’s namesake Economic Holdings Limited company. An envoy from this country, Dr. Sasa, represents a group made up of former government officials, the CRPH. In response to rising gas prices, this country experienced protests during the 2007 Saffron Revolution. The victory of the NLD in this country’s 2020 elections was declared (\*) invalid. An event in this country was described as a response to the Arakan army. That ongoing crackdown in this country has targeted Muslims in its Rakhine State. For 10 points, the Rohingya genocide is occurring in which southeast Asian country, where a 2021 coup by the Tatmadaw overthrew Aung San Suu Kyi in Naypidaw?**

ANSWER: **Myanmar** [or Republic of the Union of **Myanmar**; accept **Burma**]

<Nageswaran, Current Events> [Edited]

3. In this novel, Theo Decker befriends the Ukrainian boy Boris Pavlikovsky while living in Las Vegas. For 10 points each:

[H] Name this Donna Tartt novel, in which Theo takes the title painting from the Met after an explosion there kills his mother. The title painting of this novel similarly survived an explosion that destroyed much of its artist’s work.

ANSWER: *The **Goldfinch***

[E] The title painting of *The Goldfinch* was made by Carel Fabritius, a painter from this modern day country. Tracy Chevalier imagined the maid Griet as the subject of a painting from this country in her novel *Girl with a Pearl Earring*.

ANSWER: the **Netherlands** [accept **Nederland**]

[M] In *The Goldfinch*, Theo refers to this book and *The Grapes of Wrath* as “tied for the most boring book ever written.” The daguerreotypist Holgrave boards with Hepzibah Pyncheon at this novel’s title establishment.

ANSWER: *The **House of the Seven Gables***

<Delot-Vilain, Long Fiction> [Ed. Leahy]

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**4. This leader significantly expanded secondary education in his country as part of the seven-year “Plan for Work and Happiness.” This leader demanded independence for his country before the House of Commons in the “Motion of Destiny” speech. In opposition to colonial rule in his country, this leader launched the “Positive Action” campaign. This leader opposed his former compatriot J. B. Danquah, with whom he led the UGCC. The (\*) Convention People’s Party was founded by this leader, whose attempted price controls on cocoa culminated in his overthrow by Joseph Ankrah and the National Liberation Council. Lake Volta was created after this leader built his country’s Akosombo Dam. For 10 points, name this first president of Ghana.**

ANSWER: Kwame **Nkrumah**

<Prabhakar, World History> [Ed. Prabhakar]

4. Fick's laws are used to solve for the proportionality constant of this process. For 10 points each:

[E] Name this process involving the movement from an area of high concentration to an area of low concentration. When water undergoes this process, it is known as osmosis.

ANSWER: **diffusion** [accept the **diffusion** coefficient]

[M] An equation named for this scientist and Einstein is used to calculate the diffusion coefficient for spherical particles. This scientist also names a law describing the drag force on a sphere moving through a viscous fluid.

ANSWER: George Gabriel **Stokes** [accept **Stokes**-Einstein equation]

[H] Knudsen diffusion occurs in systems in which the scale length is smaller than this quantity. This quantity is the average distance traveled by a moving particle between collisions.

ANSWER: **mean free path**

<Nageswaran, Physics> [Ed. Bowman]

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**5. This religious movement's distinction between 85% of the population being "dumb" and 5% being "enlightened" inspired an offshoot of it founded by Clarence Edward Smith. The founder of this religious movement was a previous member of the Moorish Science Temple, and his birth is celebrated on Saviour's Day. A group of people is charged with being "the greatest [liars] on earth" in the documentary (\*) *The Hate that Hate Produced*, which is about this movement. According to this movement's mythos, a tribe known as the Shabazz declined in population due to the creation of a race of devils by the evil Dr. Yakub. Louis Farrakhan is the current leader of, for 10 points, what new religious movement that focuses on racial uplifting and Black power?**

ANSWER: **Nation of Islam** [or **NOI**; do NOT accept or prompt on "Islam"]

<Ashbrook, Religion> [Edited]

5. One of these works depicting Lucian Freud sitting on a chair in a geometric structure against a yellow background briefly became the most expensive painting auctioned in 2013. For 10 points each:

[H] Name this type of painting. A set of these works by the same artist includes several depictions of a lover's suicide against darkened doorways.

ANSWER: **triptychs**

[M] This artist of the *Black Triptychs* also showed several phallic creatures in his nightmarish *Three Studies for Figures at the Base of a Crucifixion*.

ANSWER: Francis **Bacon**

[E] Bacon's admiration for this earlier artist led him to use this artist's *Portrait of Innocent X* as the basis for his screaming popes. This artist's painting *Las Meninas* has served as the basis for works by Picasso and Dalí.

ANSWER: Diego **Velázquez**

<Strombeck, Painting & Sculpture> [Edited]

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**6. This phenomenon is used to test lens quality in a device designed by Twyman and Green, which uses the division-of-amplitude type of this phenomenon. The quantum type of this phenomenon occurs with superconducting currents in magnetometers called SQUIDs. Particles are marked in the quantum eraser experiment to prevent them from undergoing this phenomenon with themselves. To detect gravitational waves, (\*) LIGO measures this phenomenon between two laser beams. After the light is diffracted, this phenomenon between the waves causes the light and dark fringes in the double-slit experiment. For 10 points, name this interaction between two superimposed waves which can either be constructive or destructive.**

ANSWER: wave **interference** [accept constructive **interference** or destructive **interference**; accept quantum **interference**; accept **interferometers** or **interferometry** or laser **interferometry**; accept **interferometric** visibility; accept self-**interference**; prompt on **diffraction** or word forms until "diffracted"; prompt on **superposition** until "superimposed"]

<Bowman, Physics> [Edited]

6. In a poem titled for this genre, the narrator recalls "that vast moth-eaten musical brocade / created to pretend we never die." For 10 points each:

[M] Name this poetic genre. A Philip Larkin poem named after this genre of "dawn song" opens "I work all day, and get half-drunk at night."

ANSWER: **aubade**

[H] This poet interspersed lines from the song "White Christmas" into imagery of war in his poem "Aubade with Burning City." This gay Vietnamese-American poet penned the 2016 collection *Night Sky with Exit Wounds*.

ANSWER: Ocean **Vuong**

[E] Breaking from the genre's tradition of leaving a lover at dawn, this author stated "this bed thy center is, these walls thy sphere" in his aubade "The Sun Rising." This poet told Death to "be not proud" in his *Holy Sonnets*.

ANSWER: John **Donne**

<Bowman/Leahy, Poetry> [Ed. Leahy]

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7. In a play by this author, a woman overdoses on drugs and cries "Papa--I am better than this!" That play by this author centers on a New York City artist pushed into a campaign by Alton Scales. In another play by this author, one character strikes another character on the bottom with a bat while she sprays insecticide. A woman created by this author of (\*) *The Sign in Sidney Brustein's Window* falls in love with a man who accuses her of "mutilating" her hair, ignoring advice to marry the wealthy George Murchison. Bobo tells the protagonist that Willy Harris has run off with a large amount of money in a play by this author whose central family is offered money by Carl Lindner to not move into Clybourne Park. A \$10,000 life insurance check is split by the Younger family in, for 10 points, what author's play *A Raisin in the Sun*?

ANSWER: Lorraine **Hansberry**

<Kala, Drama> [Ed. Leahy]

7. An 1891 strike among workers in this industry began after Charles Fairbain attempted to weaken a union of workers in this industry. For 10 points each:

[H] Name this industry, which was pioneered in one country by John MacArthur. The aforementioned strike of workers in this industry is said to have inspired a song written by Banjo Paterson.

ANSWER: Australian **wool** industry [accept Australian **sheep** industry]

[E] The 1891 Shearers' Strike led to the formation of this political party in Australia. A political party of the same name in the United Kingdom traditionally opposes the Conservatives.

ANSWER: Australian **Labor** Party [accept **ALP**; accept **Labour**]

[M] The shearers' opposition to cheap Chinese labor later contributed to this policy promoted by the Australian Labor Party. This policy was also designed to limit the spread of Kanaka labor in the country.

ANSWER: **White Australia** [prompt on answers describing immigration policies exclusively favoring white immigrants]

<Prabhakar, Other History> [Ed. Prabhakar]

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8. In one novel, this character describes tasting "the joys of Paradise" while explaining how he received a gift from a "most learned Franciscan." This character survives one incident because his killer was "wonderfully adept at burning people," but wasn't prepared for rain. This character is opposed by a Manichaeon who believes "your hanged man mocked the world" and calls shadows "horrible blots." This character contracts syphilis after giving a lesson in (\*) "experimental physics" in a bush to the maid Paquette. This teacher of "metaphysico-theologo-cosmolonigology" reasons that "there is surely a vein of sulphur running underground" to explain the Lisbon earthquake. For 10 points, name this parody of Leibnizian optimism from Voltaire's *Candide* who maintains that we live in the "best of all possible worlds."

ANSWER: Dr. **Pangloss**

<Dantzer, Long Fiction> [Ed. Leahy]

8. Answer the following about using forensic chemistry to analyze a crime scene, for 10 points each.

[E] These things could be lifted off a soda can found at the scene. These things, of which each person is said to have a unique set, are generally classified into loops, arches, or whorls.

ANSWER: **fingerprints**

[H] The Scott test detects this drug, which may be found at a crime scene. This tropane alkaloid can be converted from its hydrochloride form using sodium bicarbonate and has effects that are negated with the TA-CD vaccine.

ANSWER: **cocaine** [accept crack/powder **cocaine** or **coke** or **benzoylmethylecgonine**]

[M] Mysterious goop from the crime scene can be analyzed with infrared spectroscopy followed by applying this method to the resulting spectrum to see its individual peaks. This mathematical technique is often applied following ion cyclotron resonance MS.

ANSWER: **Fourier transform** [accept **FT**, accept **Fourier-transform** infrared spectroscopy or **Fourier-transform** ion cyclotron resonance, do not accept “Fourier series”]

<Delot-Vilain, Chemistry> [Ed. Lei]

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**9. Michael Polanyi’s (“poh-LAWN-ees”) theory of interpretative frameworks partially inspired this thinker’s description of shared thoughts and beliefs called the “disciplinary matrix.” This thinker’s collection *The Essential Tension* discusses the struggle that theorists experience between innovation and conservatism. Along with Paul Feyerabend (“FIRE-uh-bend”), this thinker pioneered the idea that some theories throughout time become irreconcilable with one another, making them (\*) “incommensurable.” This thinker theorized that “normal science” is based on the process of “puzzle solving” which continues until a buildup of anomalies warrants a change in worldview. For 10 points, name this philosopher of science who coined the term “paradigm shift” in *The Structure of Scientific Revolutions*.**

ANSWER: Thomas **Kuhn**

<Pan/Ashbrook, Philosophy> [Edited]

9. You are a *violone* (“vee-oh-LO-nay”) player in your school’s Baroque Ensemble. For 10 points each:

[M] Along with the cello, harpsichord, and theorbo you are part of this section of the ensemble. This section accompanies the main melodies by providing a bassline, with some instruments adding harmony through a figured bass.

ANSWER: basso **continuo**

[E] The two main types of *violone* are tuned to G major and this note’s major key. Like all other low-string players, you absolutely abhor Johann Pachelbel’s Canon in this note’s major key, which has two sharps.

ANSWER: **D** Major [accept **D** violone; accept Canon in **D**]

[H] Like other period instruments from the Baroque era, your strings are likely made of this material. This material has been phased out for modern instruments in favor of steel or nylon.

ANSWER: **catgut** strings

<Nageswaran, Classical Music> [Edited]

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**10. This artist showed a smiling woman holding a fan and wearing a pink dress and pearl necklace in one of several works by this artist set in the loges at an opera house. Paintings by this artist of a woman crocheting, drinking tea, and reading a newspaper used this artist’s sister Lydia as a model. This artist is featured holding cards while sitting in a chair in a portrait painted by (\*) Edgar Degas. An oarman dressed in dark colors prepares to row before a woman with a child sitting near the end of the boat in a work by this artist. This artist used Japanese woodcuts as the inspiration for a painting in which a woman in a striped dress washes a small pair of feet in a basin. For 10 points, name this American Impressionist known for her scenes of mothers and children like *The Boating Party* and *The Child’s Bath*.**

ANSWER: Mary Stevenson **Cassatt**

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

10. This figure was the son of Poseidon and Euryale, a daughter of King Minos. For 10 points each:

[E] Name this hunter who was killed by Scorpius after threatening to kill every animal on earth. This hunter was then turned into a constellation whose namesake belt is a prominent asterism.

ANSWER: **Orion**

[H] Orion was blinded by Oenopion (“ee-NOH-pee-on”) after raping Merope, resulting in this god giving Orion the servant Cedalion to guide him. A mystery cult worshipped this god’s children, the Cabeiri.

ANSWER: **Hephaestus**

[M] Orion was also among the lovers of this sister of Helios. This deity’s other lovers included Tithonus whom she was able to procure immortality for but not eternal youth, causing him to turn into a cricket.

ANSWER: **Eos**

<Prabhakar, Mythology> [Edited]

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**11. Lawrence Ritter interviewed retired workers in this industry in a book about its “early days.” Oliver Wendell Holmes claimed that even though this industry “must induce free persons to cross state lines,” it was not interstate commerce, exempting it from certain laws. The death of Ray Chapman inspired safety improvements in this industry. The case *Flood v. Kuhn* kept this industry’s (\*) antitrust exemption. After one event, Judge Kennesaw Mountain Landis was appointed to oversee this industry. A scandal in this industry centered on gambler Arnold Rothstein. One of the employees of this industry banned after that scandal was “Shoeless” Joe Jackson. For 10 points, the Chicago White Sox deliberately threw the 1919 World Series in which sport?**

ANSWER: **baseball** [accept Major League **Baseball**; accept the **MLB**; accept *Federal Baseball Club v. National League*; accept the Federal **Baseball** Club; accept the **Federal League**; accept the National League of Professional **Baseball** Clubs; accept the **National League**; accept the American League of Professional **Baseball** Clubs; accept the **American League**; accept *The Glory of Their Times: The Story of the Early Days of Baseball Told by the Men Who Played It*; prompt on sports industry; prompt on the World Series or 1919 World Series by asking “The World Series is an event in which sport?”; do NOT accept or prompt on “Jazz”]

<Nageswaran, American History> [Edited]

11. Seventeen seconds of silence appear in the middle of this song’s music video before the artist smokes a joint and dances on top of a car surrounded by empty cars with their doors open. For 10 points each:

[M] Name this song. Sherrie Silver, the choreographer for the music video of this song, incorporated African dances like the South African *gwara gwara* and Nigerian *shoki*.

ANSWER: “**This Is America**”

[E] This artist won four Grammy awards, including Record of the Year and Song of the Year, for “This Is America.” This artist also sang “Redbone” on his third album, *Awaken, My Love!*

ANSWER: **Childish Gambino** [or Donald **Glover**]

[H] This female artist makes a cameo in the video for “This Is America,” sitting on top of a car towards the end of the video. This artist named a single on her debut studio album after actress Drew Barrymore.

ANSWER: **SZA** [or Solana Imani **Rowe**]

<Sareddy, Other Academic> [Edited]

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12. The tuberculosis drug Bedaquiline inhibits this enzyme by interfering with the function of its c subunit. Paul Boyer and John Walker shared the 1997 Nobel Prize in Chemistry for research on this enzyme, in which they identified three catalytic sites that underwent sequential binding changes. *Streptomyces* produce an inhibitor of this enzyme called oligomycin. This enzyme's function can be bypassed by uncoupling proteins such as (\*) thermogenin, which are found in brown adipose tissue. The rotation of this enzyme's Fo subunit is powered by the creation of a proton gradient during oxidative phosphorylation, causing the F1 subunit to synthesize its namesake molecule. For 10 points, name this enzyme that joins ADP and a phosphate ion to produce the energy currency of the cell.

ANSWER: **ATP synthase**

<Lau, Biology> [Ed. Lei]

12. The opera that this character appears in begins with dramatic B-flat, A-flat, and E major chords, which comprises this man's motif. For 10 points each:

[M] Name this antagonist who is stabbed at the end of Act Two after secretly sealing Cavaradossi's fate. This man's advances lead another character to sing an aria that begins "I lived for art, I lived for love."

ANSWER: Baron **Scarpia**

[E] Baron Scarpia appears in *Tosca*, an opera by this Italian composer. His other works include *Turandot* and *Madame Butterfly*.

ANSWER: Giacomo **Puccini** [or Giacomo Antonio Domenico Michele Secondo Maria **Puccini**]

[H] At the end of Act One, Scarpia cries out "Tosca, you make me forget God!" while the chorus sings this Latin hymn of praise attributed to Saint Ambrose.

ANSWER: ***Te Deum laudamus***

<Dantzler, Opera> [Edited]

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13. A speech given by this leader against one national referendum warned that it would create "six categories" of citizens in his country. This leader sympathized with miners during the editing of a book on the Asbestos Strike of 1949. As his country's Minister of Justice, this leader defended decriminalizing homosexuality by claiming there was "no place for the state in the (\*) bedrooms of the nation." This leader fully ended British authority over his country by enacting the Charter of Rights and Freedoms. After the kidnapping of James Cross and Pierre LaPorte, this leader declared "Just watch me" before invoking the War Measures Act. For 10 points, name this Canadian Prime Minister, the father of current Canadian Prime Minister Justin.

ANSWER: **Pierre Trudeau** [accept Joseph Philippe **Pierre Yves Elliott Trudeau**; prompt on **Trudeau**]

<Sareddy/Prabhakar, Other History> [Ed. Prabhakar]

13. Answer some questions about extremely large astronomical objects, for 10 points each.

[M] Dark matter controls the formation of these objects that make up the cosmic web of the universe. These thread-like objects separate voids in the universe.

ANSWER: galaxy **filaments** [or galactic **filaments**; galaxy **walls**; or galaxy **sheets**; accept "galactic" in place of "galaxy;" accept great **walls**]

[H] This gravitational anomaly is assumed to be millions of times more massive than the Milky Way, but is difficult to observe due to the Zone of Avoidance. This object is the gravitational centerpoint of the Laniakea supercluster.

ANSWER: the **Great Attractor**

[E] The largest known object in the observable universe, the Hercules-Corona Borealis Great Wall, was identified by mapping bursts of this type of radiation. This type of radiation has the highest energy in the EM spectrum.

ANSWER: **gamma** rays

<Ashbrook, Astronomy> [Ed. Bowman]

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**14. The "Four I's" model of a psychological discipline named for this factor was proposed by its pioneer, Hazel Rose Markus. Richard Shweder advocated for understanding this psychological factor with a "view from manywheres" in his book *Why do Men Barbecue?* The DSM recognizes ghost sickness and *ataque de nervios* ("ah-TAH-kay de nerr-VEE-ohs") as syndromes "bound" to this factor. Differences such as individualism versus collectivism are examined in a (\*) psychological methodology focused on the effect of these constructs on people. Disorientation with a new one of these constructs can cause a person to feel a "shock" named for them. For 10 points, name these social constructs that consist of people with shared language, art, or traditions. ANSWER: cultures [or culture; accept cultural psychology; accept descriptions similar to "what culture they're part of," as long as the answer mentions "culture"; accept society or societal differences; prompt on answers similar to "what social group they're part of" by asking, "what type of groups?"; prompt on location]**

<Strombeck, Psychology> [Ed. Ashbrook]

14. This activist founded the Winaq Party, which was the first indigenous party in her country. For 10 points each: [H] Name this activist who won the 1992 Nobel Peace Prize for her work on advocating for indigenous rights in Guatemala. David Stoll accused this activist of falsifying details about her life in her autobiography. ANSWER: Rigoberta Menchú (Tum)

[E] Rigoberta Menchú is ethnically K'iche', part of this larger group of indigenous people. These people's civilization created the cities of Chichen Itza and Tikal. ANSWER: Maya people [or Mayans; accept Mayan civilization]

[M] Menchú's father died during the burning of one of these general locations after it was occupied during the Guatemalan Civil War. Operation Nifty Package involved forcing Manuel Noriega out of one of these locations. ANSWER: foreign embassy building [accept Spanish embassy; accept Vatican embassy; accept Apostolic Nunciature]

<Nageswaran, World History> [Edited]

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**15. In a film by this director, the film reel itself melts away after a character intentionally leaves a piece of broken glass for another to step on. A wild montage featuring a crucifixion and the killing of a lamb opens that film by this director about a nurse's time with an actress who refuses to speak. In another film by this director, a woman tells the main character to find the devil in her eyes before being (\*) burned at the stake in a forest. In that film by this director, a character returning from a crusade performs a "meaningful deed" by helping the peasants Jof and Mia escape a plague. Max von Sydow portrays Antonius Block, a knight who plays chess with Death, in a 1957 film by this director. For 10 points, name this Swedish director of *Persona* and *The Seventh Seal*. ANSWER: Ingmar Bergman**

<Ashbrook, Film> [Ed. Strombeck]

15. This essay purports that because black people must "live a life of constant humility or ever-threatening danger," they embrace a hedonistic lifestyle by "living in the enormous present." For 10 points each: [H] Name this essay by Norman Mailer which details the rise of American hipsters in response to the "psychic havoc" of World War II. ANSWER: "The White Negro"

[M] In an letter to Albert Murray, this author referred to "The White Negro" as "the same old primitivism crap in a new package." A character created by this author brags about the purity of "Optic White" while working at Liberty Paints. ANSWER: Ralph Ellison

[E] In *The White Negro*, Mailer attributes the "presence of Hip in the sub-worlds of American life" to this genre of music. F. Scott Fitzgerald coined the term for an "Age" named for this genre of music in the 1920's. ANSWER: jazz [accept the Jazz Age]

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

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**16. In a short piano piece by this composer, the right hand plays a staccato chromatic descent while the left hand pounds out repeating “D A” fifths to depict the title creatures’ “March.” That piece by this composer appears in a collection whose final entry rephrases the theme of the first entry as a waltz. In a concerto by this composer, the soloist opens by playing a descending passage consisting of the notes [read slowly] “A [pause] A G-sharp E [pause] E C A” right after the movement’s introduction by a crescendoing (\*) timpani roll. That only piano concerto by this composer is in A minor and was written right after he published his first volume of *Lyric Pieces*. A flute plays the serene opening of the “Morning Mood” in the incidental music this composer wrote for a Henrik Ibsen play. For 10 points, name this Norwegian composer of the *Peer Gynt* suites.**

ANSWER: Edvard **Grieg**

<Bowman, Classical Music> [Edited]

16. Jains believe in eight forms of this concept that keep a soul attached to the cycle of life and death. For 10 points each:

[E] Name this Indian concept that translates to “deed.” This concept is often used to represent the idea of “what goes around comes around.”

ANSWER: **karma** [or **kamma**]

[H] The concept of karma was popularized in the West by this New Age religious movement founded by Helena Blavatsky. Followers of this movement such as Annie Besant study ancient knowledge, such as clairvoyance.

ANSWER: **Theosophy** [accept the **Theosophical** Society]

[M] Being freed from all karma allows the soul to achieve this state of liberation, leading to infinite bliss. This state is often conflated with the Buddhist concept of *nirvana*.

ANSWER: **moksha** [accept **mokkha**]

<Ashbrook, Religion> [Edited]

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**17. People who took this action were awarded silver medals with a purple, white, and green striped ribbon. Posters reading “The Liberal Cat” and “Keep the Liberal Out!” protested the passage of a law in response to instances of this action. Marion Dunlop carried out the first modern-day instance of this action, which was the subject of the Cat and Mouse Act. Medals for completing this action were created by Sylvia (\*) Pankhurst, whose mother Emmeline Pankhurst undertook this action during her stay at Holloway Road Prison. At the turn of the 20th century, British suffragettes frequently used this tactic in order to draw attention while imprisoned. For 10 points, name this method of protest often broken by force feeding.**

ANSWER: **hunger strikes** [accept **fasting**; accept descriptions of people **not eating** while in **prison**; prompt on **imprisonment** or **incarceration** by asking “what specifically were people doing while in prison?”]

<Delot-Vilain, British/European History> [Ed. Prabhakar]

17. The apicoplast is thought to have originated from red algae involved in an endosymbiotic event with this protozoan genus. For 10 points each:

[M] Name this parasitic genus, the causative agent of a certain mosquito-borne disease. The *falciparum* species is the most virulent of these parasites.

ANSWER: **Plasmodium**

[E] *Plasmodium* causes this infectious disease treated by quinine whose vectors are female mosquitoes of the genus *Anopheles*.

ANSWER: **malaria**

[H] People who have sickle-cell anemia have shown an increased resistance to malaria due to the lack of this antigen on their red blood cells. This antigen, which serves as a receptor for *Plasmodium vivax*, is named after the patient it was discovered in.

ANSWER: **Duffy** antigen [accept **Fy glycoprotein**]

<Sareddy, Biology> [Ed. Lei]

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**18. These compounds are halogenated by phosphorus tribromide in the Hell-Volhard-Zelinsky reaction. Along with alpha-hydroxy ketones, the simplest of these compounds gives a false positive in the Tollens test. These compounds may be prepared through oxidative cleavage of alkynes by ozonolysis. A solution of sulfuric acid and (\*) chromium trioxide is used to prepare these compounds from primary alcohols in the Jones oxidation. The namesake functional group of these compounds and an aliphatic tail make up a fatty acid. These compounds are reacted with alcohols in the Fischer esterification. For 10 points, name these compounds with a –COOH group, which include formic and acetic acid.**

ANSWER: **carboxylic** acids [prompt on COOH before read, prompt on acid]

<Valan, Chemistry> [Ed. Lei]

18. Anthony Bourdain called this country's national dish "the single worst, most disgusting and terrible tasting thing." For 10 points each:

[E] Name this country, whose national dish is the fermented and pungent shark dish Hákarl. Bourdain ate Hákarl while visiting this country's capital of Reykjavik.

ANSWER: **Iceland**

[H] Boiled shark skin is used in this country's dish of shark chutney. Fishing is an important industry in this country, with a tuna canning factory located on its largest island of Mahé.

ANSWER: Republic of **Seychelles**

[M] Despite its prominence in Chinese culture, shark fin soup is no longer sold by Hakkasan, a Chinese restaurant based in this city. Many Bangladeshi restaurants can be found in this city's neighborhood of Brick Lane.

ANSWER: **London**

<Sareddy/Prabhakar, Geography> [Ed. Prabhakar]

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**19. In one essay, this author challenged another writer's idea that Shakespeare's plays are full of "epidemic suggestions" and compared Tolstoy's life to the renunciative life of King Lear. In another essay, this author describes being "baited whenever it seemed safe to do so" and gets laughed at by a crowd after being tripped on a soccer field. This author called government speeches "the defense of the indefensible" in that essay, which attacks the use of things like (\*) "pretentious diction" and "dying metaphors." In another essay, this author describes an animal "gone must" that ends up dying because the narrator wanted to "avoid looking like a fool" while in Burma. "Politics and the English Language" and "Shooting an Elephant" are by, for 10 points, what English essayist who also described the intricacies of Newspeak in the appendix to his novel *1984*?**

ANSWER: George **Orwell** [or Eric Arthur **Blair**]

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

19. This state emerged as an independent polity after its first ruler Basarab won the Battle of Posada. For 10 points each:

[H] Name this state, which later defended its independence from the Ottoman Empire at the Battle of Rovine under its ruler Mircea ("MEERCH-ya") the Great.

ANSWER: Principality of **Wallachia**

[E] Vlad III, Mircea's grandson with this patronymic, once impaled 20,000 Ottoman soldiers in a war against Mehmed II. Vlad's cruelty led Bram Stoker to use this epithet as the name of a vampire in a novel of the same name.

ANSWER: **Dracula** [or Vlad **Dracula**; do NOT accept or prompt on "Dracul"]

[M] This Hungarian king initially had Vlad Dracula imprisoned though he later assisted him with retaking the Wallachian throne. This son of John Hunyadi and leader of the Black Army earned his nickname from the raven on his family crest.

ANSWER: **Matthias Corvinus** [accept **Matthias I** or **Matyas I Hunyadi**; prompt on Matthias]

<Delot-Vilain, British/European History> [Ed. Prabhakar]

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20. This is the younger of the two deities who are possibly depicted in the Burney Relief. One figure accuses this deity of having dug fourteen pits for a lion to fall in. The Abgallu sea monsters were sent after this deity as punishment for stealing another deity's *mes* though this deity was protected by another deity whose name means "Queen of the East." In another myth, a bull's thigh is thrown at this deity's face. This deity is (\*) stripped of her clothing while visiting the underworld where she is cursed with sixty diseases by the attendant of her sister Ereshkigal. This deity asked her father Anu to unleash the Bull of Heaven after Gilgamesh rejected her advances. Tammuz was married to, for 10 points, what Mesopotamian goddess of love, war, and sex.

ANSWER: **Ishtar** [accept **Inanna**]

<Prabhakar, Mythology> [Ed. Groger]

20. *Description acceptable.* This work trails off with the line "Allow me a minute..." when it is discovered in an unfinished state by its author's father. For 10 points each:

[H] Name this fictional work. A newspaper reports "the bowl of a pipe on the table was found still to be warm" after this work's author is murdered by home invaders.

ANSWER: "The **Truth About Native Crime**" [accept the **treatise** from *Cry, The Beloved Country*; accept synonyms for "treatise"]

[M] "The Truth About Native Crime" is written by this man, who is murdered by a man defended "pro deo" by Mr. Carmichael, Absalom Kumalo.

ANSWER: **Arthur** Jarvis [prompt on **Jarvis**]

[E] Stephen Kumalo reconciles with his son Absalom's murder of Arthur Jarvis in *Cry, The Beloved Country*, an anti-apartheid novel by this South African author.

ANSWER: Alan **Paton**

<Leahy, Long Fiction> [Edited]

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