SKUFFED

Writers: Connor Blake, Cole Hartung, Vedul Palavajjhala
Editors: Connor Blake, Cole Hartung, Vedul Palavajjhala
Special thanks to Red Bull (and to our playtesters Aaron Dantzler, Aatreyo Bhattacharyya, Conor Thompson, Brandon Jones,
Owen Riley, Arthur Gayden, Dylan Bowman, Enes Kristo and Vishal Sareddy)

Packet 3

1. Jack London's memoir *The Road* details his experiences as a hobo traveling with a part of this group. That part of this group was named for Californian general Charles Kelley. The leader of this group named his son "Legal Tender" in response to economic strife. This group expounded their ideals of "Goodwill to men and Death to (*) Interest" while launching their "petition in boots". This group's leader was arrested for trespassing on the White House Lawn. For 10 points, name this quasi-military group named for an Ohio businessman which protested the Panic of 1893.

ANSWER: Coxey's Army < History, American, CH>

2. NOTE TO PLAYERS: the answer to this question refers to a non-movement section of a larger musical work. Description acceptable. This section of a larger work is followed by (read slowly) grace notes on A flat, B, then eighth notes on A, G flat, A, G flat, A. This section was meant to emulate the "steely rhythms" of a train horn heard on its composer's trip from Boston. This section was improvised by performer Ross Gorman to make its composer laugh. This section begins a piece commissioned 5 weeks before Paul Whiteman's An (*) Experiment in Modern Music concert. For 10 points, name this 17-note woodwind flourish that begins a George Gershwin "jazz concerto".

ANSWER: the <u>clarinet glissando</u> from <u>"Rhapsody in Blue"</u> [both answers required, prompt on partial answer, prompt on "<u>Rhapsody in Blue</u>" by asking "what part of Rhapsody in Blue?," prompt on answers mentioning <u>clarinet</u> and <u>"Rhapsody in Blue"</u> by asking "what musical term is associated with that section?"] <Fine Arts, Auditory, CH>

3. The 50 daughters of this mortal represented the 50 months between each Olympics. This former resident of Mount Olympus received his punishment from Zeus for falling in love with Hera. This man's lover visited him every night in a cave on Mount Latmus. A 19th century adaptation of the myth of this man renames his lover to (*) "Cynthia." For 10 points, name this eternally-sleeping shepherd from Elis who was loved by Selene, the subject of a narrative poem by John Keats.

ANSWER: Endymion < RMPSS, Mythology, VP>

4. Mach's principle connects these entities to the large-scale structure of the universe. A quantum form of these entities is split in two to avoid issues with the Heisenberg uncertainty principle. The derivative of angular velocity with respect to time crossed with position gives the Euler acceleration, a kind of fictitious force present in these entities. A (*) Galilean transformation changes between these entities using their relative velocity. Examples of these entities which are not accelerating are their inertial kind. For 10 points, name these entities, the conditions in which physical systems are observed.

ANSWER: <u>reference frame</u> [<u>frame of reference</u>, anti-prompt on specific <u>non-uniformly rotating reference frame</u> kinds like <u>inertial reference frame</u>, <u>non-inertial reference frame</u>, <u>rotating reference frame</u>, , etc] <Science, Physics, CB>

5. A physician in this location decides "You wouldn't hang me? I thought not" as he euthanizes a patient. In another poem, inhabitants of this location "went without the meat, and cursed the bread" while resenting a

wealthy resident. Another resident of this location sees two moons and sings (*) Auld Lang Syne. One structure in this location is described as "shut and still" though people "still stray around the sunken sill". For 10 points, name this fictional location whose residents include Eben Flood, Luke Havergal, and Richard Cory in the works of Edwin Arlington Robinson.

ANSWER: Tilbury Town < Literature, American, CB>

6. NOTE TO PLAYERS: Two answers required. A leader of one of these two countries was forced to sign the Renville agreement to recognize puppet states set up by the other. One of these two countries invaded the other in Operation Product. One of these two countries partitioned the other via the Van Mook Line after one invasion. The United States threatened to cut off Marshall Plan aid to one of these two countries after it captured the other's capital of (*) Yogyakarta. For 10 points, name these two countries, one of which attempted to recapture Sukarno's country after its Dutch East India Company lost it.

ANSWER: the <u>Netherlands</u> AND <u>Indonesia</u> [prompt on partial answer, accept in either order] <History, World, CH>

7. The infamous "Action Park" featured one of these locations with a narrow loop-de-loop that visitors would often be stuck in. Wisconsin Dells, Wisconsin is sometimes referred to as the world capital of these locations and is home to one of them named for Noah's Ark. One of these locations features attractions such as "Humunga Kowabunga" and "Mayday Falls" and is known as (*) Typhoon Lagoon, which is one of two of these locations at Walt Disney World. For 10 points, name these attractions where one might float on a lazy river or ride a water slide.

ANSWER: <u>waterparks</u> [prompt on "<u>parks</u>" alone, prompt on "<u>theme parks</u>" or "<u>amusement parks</u>", antiprompt on "<u>waterslide</u>"] <Geography, American, CH>

- 8. Varieties of the phrase "May the Lady of Gubla grant power to the king" appear in 58 correspondences of this king with Rib-Hadda of Byblos. This ruler commissioned a series of cliff carvings known as the Boundary Stelae. Edward Ayrton discovered the remains of this ruler at (*) KV55. Three hundred letters written during this ruler's reign are known as the Amarna letters, named after his capital. This ruler wrote a "Great Hymn to" a certain god represented by a solar disc. For 10 points, what Egyptian pharaoh founded the cult of Aten? ANSWER: Akhenaten [accept Amenhotep IV] or Amenophis IV] < History, Ancient/Other, CH>
- 9. While Schlegel diagrams are useful for preserving combinatorial and topological properties, they do not preserve these entities. In Schlafli notation, the second digit represents the number of these entities, and an isohedral figure is a polytope that is transitive with respect to these entities. Quasiregular polyhedra contain two different types of this entity. The (*) Euler characteristic is given in terms of the number of vertices, edges, and these entities. For 10 points, name these entities of which a cube has six.

 ANSWER: faces <Science, Math/Other, CB>
- 10. This location names a theory which claims the world population will drop to 2 billion by 2050. Some objects found at this location were collectively nicknamed "Johnny's Child." Richard Hay established a chronology of this location's different sediments in his *Geology of* [this location]. This location, found in the Ngorongoro Conservation Area, contains remains of (*) *Australopithecus boisei*, *Homo Habilis*, and *Homo Erectus*. For 10 points, name this paleoanthropological site in Tanzania where Mary and Louis Leakey found tools and fossils from early Hominins.

ANSWER: Olduvai Gorge < RMPSS, Social Science, VP>

11. A member of this family controversially featured a bright, psychedelic paint scheme designed by Peter Max at the 2000 Winston All Star Race. A member of this family's Dirty Mo Media company produces a podcast named after him. Fans hold up their fingers and go silent on lap (*) three of the Daytona 500 to honor a

dead member of this family. A member of this family dedicated his win at the 2001 Pepsi 400 to his father who had died at the same track earlier in the year. For 10 points, name this North Carolina racing family that includes two men named Dale.

ANSWER: Earnhardt [accept Dale Earnhardt, accept Dale Earnhardt Jr.] < Trash & Pop Culture, CH>

12. The creator of this activity wrote the treatise "Apogee and Decline of Counterpoint" and was Bastian Perrot of Calw. Breaks from this activity allow a character to learn Chinese and improve relations with the Catholic church at (*) Marafiels monastery. Detractors of this activity such as Plinio Designori argue for a "return to the world" from this activity in which participants connect music, math, and history. Magister Ludi is the director of, for 10 points, what title activity played by Joseph Knecht in a Herman Hesse novel?

ANSWER: the glass bead game <Literature, European, CB>

13. To appease this being, the sorcerer Kunja Rana sacrificed his 9-year-old nephew in 2018. During the Kanya celebration, young girls are worshipped as this goddess. During a festival to this goddess, women smear each other's faces with a red powder in Sindoor Khela. This figure rode a lion to kill the Buffalo demon Mahishasura, resulting in the nine-night festival of (*) Navratri. For 10 points, name this primary aspect of Devi, celebrated in a namesake puja.

ANSWER: <u>Durga</u> [prompt on <u>Devi</u> or <u>Adi Parashakti</u>; prompt on <u>Parvati</u>] <RMPSS, Religion, VP>

14. An organomanganese compound known as MMT is used to increase one measure of this substance. The PONA number characterizes inputs to a process that primarily produces this substance using regenerator cyclones. Reid vapor pressure quantifies the volatility of this substance. The E10 form of this substance contains 10% of a certain additive. Compounds such as (*) MTBE and tetraethyl lead are used to prevent this substance's premature ignition in knocking. For 10 points, octane numbers characterize this substance refined from oil and used in cars.

ANSWER: **gasoline** [prompt on gas; do not accept or prompt on "diesel", "jet fuel", or other fuels] <Science, Chemistry, CB>

15. For many years, the Austin J. Tobin Plaza in this general place was the site of The Sphere, a massive bronze sculpture. Eighty-eight vertical searchlights comprise an annual installation in this place. A 2017 Visbal sculpture stood opposite a Di Modica statue in this place before being moved. The sculptures (*) Patience and Fortitude lie outside a library in this place, and Lee Lawrie's bronze Atlas is near the Rockefeller Center on this island. For 10 points, name this island home to the Charging Bull statue near the New York Stock Exchange.

ANSWER: <u>Manhattan</u> [prompt on <u>New York City</u>; accept <u>9/11 Ground Zero</u> until "Visbal" is read; accept <u>NYC</u> <u>Financial District</u> until "Patience" is read] <Fine Arts, Visual, CB>

16. One character in this play claims "You get right inside a man when you can wrap up in the smell of him" while wearing another character's coat. One character in this play buys "white" clothes with money he has been saving for a farm to impress a girl who gets married before her planned visit to Port Elizabeth. The pen pal (*) Ethel Lange causes tensions between the two main characters of this play. For 10 points, name this play about the brothers Morris and Zachariah, by Athol Fugard.

ANSWER: Blood Knot < Literature, World, VP>

17. The protein LCAT begins one form of this process while reduced levels of PCSK9 promote this process. ApoA1 is a receptor on structures which transport the reactants of this process. Niemann-Pick disease stems from the inability of the lysosome to perform this process. Beta oxidation allows this process to continue in the (*) Krebs cycle which begins as bile salts dissolve the targets of this process. Lipases act in, for 10 points, what process that allows a class of macromolecules including triglycerides to be used for energy.

ANSWER: <u>lipid metabolism</u> [prompt on <u>metabolism</u> or <u>breakdown</u>; accept specific types such as <u>ganglioside</u> <u>metabolism</u>, <u>cholesterol metabolism</u>, or <u>fatty acid metabolism</u>] <Science, Biology, CB>

- 18. NOTE TO PLAYERS: the first line of this work is acceptable as an answer. A Micaela Wakil Janan prose translation of this work claims that "[poets] have to live clean" but poems can have "spice and charm." This poem questions how critics can question the poet's manhood after hearing of his "many kisses." The writer of this poem brags that his poems can arouse even "hairy men who can't make their own loins stand upright." This (*) hendecasyllabic poem is addressed to "Furius" and "Aurelius." The narrator threatens to "pēdīcābo" and "irrumābō" the addressees of, for 10 points, what vulgar poem by Gaius Valerius Catullus? ANSWER: Catullus Carmen 16 [accept "Pēdīcābo ego vōs et irrumābō" or "I Will Sodomize and Face Fuck You;" accept similar clear knowledge equivalents; accept 16 alone after "Catullus" is read] <Literature, Classical/Other, VP>
- 19. These objects and an earthen bowl are paired in the title of an 1885 still life. In another, a woman "seated before an open door" performs an action with these objects in the town of Nuenen. The reverse of one painting depicting these objects, a member of the de Groot family, and a knife is Self Portrait with a (*) Straw Hat. In a painting of these objects, a clock reads seven and a single light source illuminates five Dutch peasants around a table consuming, for 10 points, these food items which are peeled and eaten in Van Gogh paintings. ANSWER: potatoes <Fine Arts, Visual, CB>
- 20. A fictional spy named Boniface was used to disguise the activities of this institution. The all female WRNS [WRENS] corps served as support staff at this institution during World War Two. Gordon Welchman developed "bombes" for this institution. This institution succeeded its country's (*) Room 40, which performed a similar function. This institution was made up of several huts where codebreaking was performed. For 10 points, name this home of the Government Code and Cypher School where Alan Turing helped break the Enigma code. ANSWER: Bletchley Park [prompt on Government Code and Cypher School before mention] <History, European, CH>

Tiebreaker: At the end of the first scene of a play based on this event, a cynical journalist says "Hello Devil.

Welcome to Hell." In a play based on this event, Rachel moves out of her reverend father's house and attempts to read Darwin's books but cannot understand them. Henry Drummond is based on (*) Clarence Darrow in a play which fictionalizes this event by Jerome Lawrence and Robert E. Lee titled *Inherit the Wind*. For 10 points, name this event covered by journalist H. L. Mencken, who dubbed it the "monkey trial."

ANSWER: Scopes Monkey Trial [or State of Tennessee v. John Thomas Scopes; or John Thomas Scopes v. State of Tennessee; accept Monkey Trial before mentioned; accept a description of "the trial from Inherit the Wind" or "the Cates trial"] <Literature, American, VP>