2022 Winter Closed

Co-Head Editors: Tim Morrison and Tejas Raje

Editors: Justine French, William Golden, Hasna Karim, Itamar Naveh-Benjamin, Hari Parameswaran, Jonathen

Settle, Ethan Strombeck, Jon Suh, and Annabelle Yang

Writers: Jacob Egol, Ganon Evans, Natan Holtzman, Aseem Keyal, Rahul Keyal, Amogh Kulkarni, Steven Liu,

Chauncey Lo, Douglas Meeker, and Kai Smith

Logistics: Aidan Leahy

Packet O (Tiebreakers)

Tossups

1. Mike Bickle and Lou Engle support a "new reformation" movement named for these people, who are the first to be mentioned among the "five-fold ministry." Depending on the translation, Andronicus of Pannonia was either a highly regarded one of these people or held in high regard by them. Scholars debate whether one of these people named Junia ("YOO-nee-ah") was a woman. Some Christians do not recite the phrase "he descended into hell" that appears in a statement (*) named for these people because they reject the idea of the Harrowing of Hell. "The communion of saints" and "life everlasting" are among twelve basic Christian beliefs collected in a "creed" named for these people. A book detailing the record of these people is traditionally considered to have the same author as the Gospel of Luke. For 10 points, name these leaders of early Christianity, whose "Acts" follow the Gospels.

ANSWER: $\underline{apostle}$ s [accept New $\underline{Apostolic}$ Reformation; accept the $\underline{Apostle}$ s' Creed; prompt on $\underline{Christian}$ s until read; prompt on $\underline{disciple}$ s]

<Suh, Religion>

2. The oboe repeats the notes "short E, short high B, long G" in a cover of a song from this film that appears on Yusuf Lateef's Eastern Sounds. This film's score popularized the use of the Ondioline in Hollywood, and its composer Alex North created its oft-excerpted "Love Theme." A fight-to-the-death between this film's protagonist and a character played by Woody Strode is juxtaposed with the conversation of two senators. This film, which was based on (*) Howard Fast's novel of the same name, was popularized after John F. Kennedy crossed a picket line to view it. Following this film's release, Dalton Trumbo was credited as its screenwriter. A scene in this movie in which multiple people claim to be Kirk Douglas's character is believed to parallel the Second Red Scare. For 10 points, name this 1960 Stanley Kubrick film about an uprising led by the title Roman slave.

ANSWER: Spartacus

- <Parameswaran, Other Arts>
- 3. The speaker imagines telling this person "This is the American age!" and repeatedly stating "The clock announces the time" in a poem by Adonis. A poem calls this person an "Adam of blood, Macho" and "lovely old man" and praises his "thighs of Virginal Apollo." The speaker claims the "voice of the Bible" or the "verse of [this poet]" would reach the title "Hunter" of Ruben Dario's poem (*) "To Roosevelt." Federico Garcia Lorca's collection *Poet in New York* includes an ode to this author, who is imagined asking "Who killed the pork chops? What price bananas?" in Allen Ginsberg's poem "A Supermarket in California." This poet declared "you furnish your parts toward the soul" in a poem that begins "Flood-tide below me!" For 10 points, name this poet of "Crossing Brooklyn Ferry" and "Song of Myself."

ANSWER: Walt **Whitman** [accept "Ode to Walt **Whitman**"] (The first poem is "A Grave for New York.") <R. Keyal, Poetry>

4. Specific term required. In a story recorded by DT Niane, one of these people reminds a king of a hunter who prophesied that "the silk-cotton tree emerges from a tiny seed." A partridge singing the Dausi predicts that a prince of Wagadu will become one of these people. In that story collected by Leo Frobenius, after a particular object is soaked in the blood of his sons during battle, Gassire becomes one of these people. One of these people serves as an emissary to the owner of a chamber of human skin and exhorts the son of (*) Sogolon to "arise." That example of these people is briefly stolen by the owner of a magical balafon ("BAL-uh-fon"). Balla Fasséké witnesses the defeat of Sumanguru while serving Sundiata as one of these people. For 10 points, give this term for West African advisors who functioned as historians, diplomats, and praise-singers.

ANSWER: griots [or griottes; or djeli; or guewel or jeseré or mabo; accept praise singers until read; prompt on

ANSWER: **griot**s [or **griottes**; or **djeli**; or **guewel** or **jeseré** or **mabo**; accept **praise singer**s until read; prompt on oral <u>historian</u>, <u>bard</u>, <u>singer</u>, <u>storyteller</u>, <u>poet</u>, <u>musician</u>, <u>advisors</u>, or <u>diplomats</u> by asking "what is the specific cultural term?"]

< Yang, Mythology>

5. These structures are targeted by a difficult-to-culture group of organisms known by the HACEK ("hay-sek") mnemonic. These structures can abnormally generate paradoxical, fixed, or wide splitting patterns. Conformational changes in these structures produce the x-descent, y-descent, and dicrotic notch of a Wiggers diagram. Both surfaces of these structures can accumulate vegetative growths in a lupus-associated symptom named for (*) Libman and Sacks. Patients with childhood rheumatic fever may later present with stenosis of one of these structures. Regurgitation of fluid across two of these structures produces a holosystolic murmur easily heard with a stethoscope. In humans, there are four of these structures: the mitral, the tricuspid, and the semilunar aortic and pulmonic. For 10 points, identify these structures that ensure the one-way flow of blood through the heart.

ANSWER: heart <u>valves</u> [accept specific <u>valves</u>, such as the tricuspid, mitral, bicuspid, pulmonic, or aortic] <Naveh-Benjamin, Biology>

1. A 2006 biography by Claire Tomalin takes its subtitle from a line in the poem "A Broken Appointment" that describes "a woman [who] came to soothe" a man "torn" by this concept. For 10 points each:

[M] Give this concept that partially nicknames a child from *Jude the Obscure* who murders his half-siblings and hangs himself after leaving a note reading "Done because we are too menny."

ANSWER: <u>Time</u> [accept "<u>time</u>-torn man" or Little Father <u>Time</u>]

[E] "A Broken Appointment" was written by this rather depressing British novelist, who depicted the suicide of Little Father Time in *Jude the Obscure*.

ANSWER: Thomas Hardy

[H] The speaker mourns how "Crass Casualty obstructs the sun and rain, / And dicing Time for gladness casts a moan" in this Hardy sonnet. It imagines a figure who warns the speaker, "Know that thy sorrow is my ecstasy."

ANSWER: "Hap"

<R. Keyal, Misc. Literature>

2. Answer the following about the field of VLSI, or very-large scale integration, for 10 points each.

[E] VLSI involves the placement of millions of transistors onto the "integrated" variety of these systems. These systems consist of various components through which electric current flows.

ANSWER: circuits [accept integrated circuits]

[H] Engineers use these programming languages to model large-scale digital systems in VLSI. These languages, which include Verilog, can be used to reproduce digital circuits on FPGAs.

ANSWER: **hardware description language**s [or **HDL**s]

[M] Hardware design in Verilog centers around these components, which consist of multiple D flip-flops that store data. Two of these components labeled "HI" ("high") and "LO" ("low") are used for multiplication in MIPS ("mips"), which is an assembly language that uses 32 of these components.

ANSWER: registers [accept register-transfer level]

<Parameswaran, Other Science>

3. Marcel Duchamp coined a collective term for some of this artist's sculptures, exemplified by a 76-foot-long kinetic sculpture in the East Wing of the National Gallery. For 10 points each:

[E] Name this sculptor who suspended steel and other material with wire for his "mobiles," which include *Lobster Trap and Fish Tail*.

ANSWER: Alexander Calder

[H] With his brother Antoine, this Russian pioneer of kinetic art rejected Cubism and Futurism in his "Realistic Manifesto." He exhibited a vertical steel rod as *Kinetic Construction (Standing Wave)* at the Tate Modern.

ANSWER: Naum Gabo [or Naum Borisovich Pevzner]

[M] Bruno Munari was inspired by the wind blowing pieces of paper in the air to create kinetic sculptures titled for "useless" versions of these things. Birds on a wire appear in a 1922 painting by Paul Klee titled for one of these things.

ANSWER: <u>machine</u>s [accept *Useless <u>Machine</u>s*; accept *Twittering <u>Machine</u>*]

<R. Keyal, Painting and Sculpture>

4. Answer the following about philosophical discussions of the Holy Trinity, for 10 points each.

[M] The traditional ontology of the Trinity describes it as three *hypostases*, or persons, who share this property. Aristotle's theory of hylomorphism describes this property as the composite of form and matter.

ANSWER: <u>ousia</u> [or <u>essence</u>; or <u>substance</u>]

[H] Joachim of Fiore accused this thinker of treating the divine essence of the Trinity as if it were a fourth person. John Duns Scotus defended his most famous doctrines in a commentary on a theology textbook by this thinker.

ANSWER: Peter **Lombard** (The book is Peter Lombard's *Four Books of Sentences*.)

[E] Early Christian thinkers writing in this language debated whether to translate *ousia* as *substantia* or *essentia*. Most western medieval philosophers wrote in this language, including Peter Lombard and Thomas Aquinas.

ANSWER: <u>Latin</u> <French, Philosophy>

5. The works of Rainer Maria Rilke have spawned a variety of poetic responses. For 10 points each:

[M] John Berryman flatly asserts "Rilke was a jerk" in an entry of his *Dream Songs*, a landmark collection in this poetic style that emerged during the 1950s. Its name was coined in a review of Robert Lowell's *Life Studies*.

ANSWER: **confessional** poetry [or **Confessionalism**]

[E] Rilke's "thing-poems" prompted this writer to call him the "Santa Claus of loneliness." This writer's review "Rilke in English" was published four days after the title date of his poem about World War II, "September 1, 1939." ANSWER: W. H. <u>Auden</u> [or Wystan Hugh <u>Auden</u>]

[H] Denise Levertov's many Rilke-inspired works include two poems whose title begins with this word. In a parody of William Carlos Williams whose title begins with this word, the speaker chops down a house and sprays some hollyhocks with lye.

ANSWER: <u>variation</u>s [or <u>variation</u>s on a theme; or theme and <u>variation</u>s; accept "<u>Variation</u>s on a Theme by Rilke" or "<u>Variation</u>s on a Theme by William Carlos Williams"] (The second poem is by Kenneth Koch.) <R. Keyal, Poetry>