

2020 WORKSHOP: We Oughtta pRopose aKronymS aHead Of Ptime

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Packet 15 (Tiebreakers): When The Reedman Throws In A Little Extra

This style was adopted by a “school” of artisans in Nancy, including furniture designer Louis Majorelle and the Daum crystal studio. This movement, which took its name from the gallery of Siegfried Bing, was revived in the 1960s for the design of “psychedelic” posters. This style was used to decorate the interior of Brussel’s Hôtel (*) Tassel, and it was promoted by the magazine *Jugend* [YOO-gunt], which gave rise to the Munich and Vienna “Secessions.” “Dragonfly” and “lily-of-the-valley” designs were used in a set of works in this style by Hector Guimard [gee-MAR]. The Arts and Crafts Movement inspired many lamps in this style designed by the “Tiffany Girls.” Curving, plant-based forms characterize—for 10 points—what style whose French name means “new art?”
ANSWER: Art Nouveau [prompt on *Jugendstil*] <GH>

A clown in this play brings a man a letter and two pigeons only to be hanged for the delivery. After burying a bag of gold in the forest, one character in this play tricks two men into falling into a pit that contains a dead body. During a feast in this play, one man considers the effect that a fly’s death has on its parents after tragedy befalls his daughter. That daughter points to the story of (*) Philomela and Tereus and writes the word “stuprum” to explain what Chiron and Demetrius did to her. After appearing as the figure of Revenge, Tamora is tricked into eating a meat pie made of her rapist sons by the title character of this play. For 10 points, name this early Shakespeare tragedy about a Roman general.

ANSWER: Titus Andronicus <AR>

One historian gained access to a trove of documents about this event by bribing an official named Naim [na-EEM]. This event was presaged by attacks on the elite *amira* class after a loss at the Battle of Sarikamish deepened suspicion of its targets. Operation Nemesis was a plot by the revolutionary Dashnak organization to kill perpetrators of this event, and culminated in the deaths of two members of the (*) “triumvirate” of Committee for Union and Progress members who planned it. The journalist Hrant Dink was killed for criticizing a state policy of denying this event, which was planned by Talaat Pasha. Death marches to Syria killed thousands in—for 10 points—what event in which members of a Christian ethnicity in the Ottoman Empire were killed en masse during World War I?

ANSWER: Armenian Genocide <GC>

It’s not social interaction, but Kiley Hamlin and Karen Wynn tested children’s understanding of these things with “Helper” and “Hinderer” puppet shows. These things occupy a “domain” of reasoning separate from the “social” and “psychological,” according to the work of Elliot Turiel. A study conducted by Jesse Graham and Jonathan Haidt found that conservatives are equally sensitive to the five (*) “foundations” of these things, which include “care” and “sanctity.” A story in which a man steals radium from a druggist in order to save his wife was used to support one thinker’s theory that people’s reasoning about these things moves from “preconventional” to “postconventional” forms. For 10 points, Lawrence Kohlberg formulated a six-stage developmental theory of what beliefs about what is acceptable or right?

ANSWER: morals [accept Moral Foundations Theory, Moral Domain Theory, moral sense, moral reasoning, moral behavior, moral development, moral minds, moral foundations, or any answer that really indicates morals or morality, prompt on ethics or ethical terms] <GE>

In 1995, John Klauder found coherent states for this system by changing coordinates to an unphysical “covering space”. Pauli solved this system by classifying the irreducible representations of the Lie algebra $so(4)$ [“S-O-4”], thereby defining quantum analogues of the Casimir element and the LRL vector. Solving this system analytically gives an exponentially decaying term times a generalized Laguerre polynomial in one coordinate and a (*) spherical harmonic in the other two, which are respectively the radial and angular parts. This system’s energy levels are proportional to one over n squared, with a constant of proportionality of about -13.6 eV named for Rydberg. For 10 points, name this simplest nontrivial atomic system, consisting of an electron and a proton.

ANSWER: **hydrogen** atom [accept **hydrogen**-like atom or **hydrogenic** atom; accept **one-electron atom** or obvious equivalents before “electron”; prompt on atom before “atomic”] <GH>

20. In plants, a slowly-decaying increase in this ion’s cytoplasm concentration is used in the response to changing orientation. “Egg boxes” form when this cation crosslinks pectate chains in plant cell walls. Some plants store excesses of this cation in insoluble, needle-like crystals called raphides. Due to increased precipitation of this cation, eating plants like spinach or wood sorrel causes the formation of (*) kidney stones, since they are high in oxalic acid. SNAP25 inhibits voltage-gated channels for this cation in the SNARE complex. Hydrofluoric acid causes heart attacks by precipitating this cation that, under normal conditions, binds to troponin during muscle contraction. For 10 points, name this electrolyte whose hydroxy-phosphate makes up bone.

ANSWER: **calcium** 2+ [or **Ca** 2+; accept +2 instead of 2+ in either allowed answer] <GH>

2020 WORKSHOP

Tiebreakers

Bonuses

Duverger's Law explains why use of the "first-past-the-post" type of these events will eventually lead to two-party systems. For 10 points each:

[10] Name these events in which voters cast their preferences for politicians and political parties.

ANSWER: **elections** [accept reasonable synonyms like **voting systems**]

[10] This set of election methods named after a French thinker can be used to better represent the preferences of voters by finding a candidate with the majority of the vote in head-to-head matchups against the other candidates.

ANSWER: **Condorcet** methods

[10] This model of voting named after an American university was first articulated in the book *The American Voter*. This model describes a "funnel of causality" in which voters form strong attachments to political parties.

ANSWER: **Michigan** model <CM>

This symphony has two movements, each of which has two main sections, thus mimicking the traditional four-movement format. For 10 points each,

[10] Name this C-minor symphony, which features a piano duet and an instrument that only plays in the "slow movement" and "finale" sections. Recordings of it have featured Virgil Fox, E. Power Biggs, and Marcel Dupré.

ANSWER: **Organ** Symphony [accept but **do not otherwise reveal** Camille **Saint-Saëns**'s Symphony No. **3**]

[10] The "Organ" Symphony was written by this French composer, who included "The Swan" in his *Carnival of the Animals*.

ANSWER: (Charles) Camille **Saint-Saëns**

[10] Many commentators have noted an uncanny similarity between the "Organ" Symphony's main theme and *this* tune. This tune is played by the piano in Variations 7 and 10 of Rachmaninoff's *Rhapsody on a Theme of Paganini*.

ANSWER: "**Dies irae**" <EL>

Answer the following about the work of the UChicago ethnographer and social theorist Joseph Masco. For 10 points each:

[10] In his first book, *The Nuclear Borderlands*, Masco theorized the existence of a "nuclear uncanny" by studying the aftermath of the Manhattan Project's experiments at Los Alamos in this U.S. state.

ANSWER: **New Mexico**

[10] Masco's work often draws on the ideas of this Canadian thinker who authored the essay "The Autonomy of Affect," as well as *A User's Guide to Capitalism and Schizophrenia*.

ANSWER: Brian **Massumi**

[10] Masco's book *The Theater of Operations* uses Massumi's ideas about "preemption" to analyze this 2002 statement on national security strategy that defended "taking anticipatory action to defend ourselves."

ANSWER: the **Bush Doctrine** <WHM>

The washed-out colors and monumental scale of this 1884 painting were likely inspired by the painter's contemporary Puvis de Chavannes [pew-VEESS du shah-VAHN]. For 10 points each:

[10] Name this painting. On the left side of this painting, a man in a bowler hat lies on his side next to a red dog, while on its right side, a boy in a red hat cups his hands over his mouth while standing waist-deep in water.

ANSWER: **Bathers at Asnières** [or *Une Baignade, Asnières*]

[10] *Bathers at Asnières* was the first major work by *this* French pointillist, who also painted *A Sunday Afternoon on the Island of La Grande Jatte*.

ANSWER: Georges(-Pierre) **Seurat**

[10] A Seurat painting of *this* kind of place depicts a trombone player in a pointed hat standing on a platform. Seurat's last painting features a woman in yellow elevating off of a white horse in one of these places.

ANSWER: **circus** [or **cirque**; accept *Circus Sideshow* or *Parade de cirque*] <EF>

An 1819 poem in this form asks Psyche to “hear these tuneless numbers.” For 10 points each:

[10] Name this poetic form. The speaker of a poem in this form titled for “Indolence” seeks out Love, Ambition, and Poesy.

ANSWER: **odes** [accept “**Ode** to Psyche” or “**Ode** on Indolence]

[10] Both “Ode to Psyche” and “Ode on Indolence” were written by this prolific ode writer and poet of “Ode on a Grecian Urn.”

ANSWER: John **Keats**

[10] After asking “What struggle to escape? What pipes and timbrels?” the speaker of “Ode on a Grecian Urn” asks this three-word question. A John Heidenry book about the sexual revolution titled for this phrase was the subject of a plagiarism scandal.

ANSWER: “**What wild ecstasy?**” [exact wording required]

Wú Sāngui took part in a revolt named for *this* number of “feudatories” after opening the gates of the Great Wall at Shānhǎiguān for the army he was revolting against. For 10 points each:

[10] Give this number, which also names an era of Chinese history that was ended by Sīmǎ Yì's founding of the Jin Dynasty.

ANSWER: **three** [accept **Three Kingdoms**; accept **Sānguó** or **Sānfān** zhī luàn]

[10] During the Revolt of the Three Feudatories, Wu Sangui was allegedly aided by forces from the Kingdom of Tungning, which was founded by this man. This man broke Dutch control of Taiwan at the Siege of Fort Zeelandia.

ANSWER: **Koxinga** [or **Zhèng** Chénggōng]

[10] Both Wu Sangui and Koxinga served *this* dynasty, which faced a rebellion by Lǐ Zichéng during its collapse in the mid-seventeenth century.

ANSWER: **Míng** Dynasty <BH>

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