

IMSANITY 2017-18: The Revival

Half-Packet Preview

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TOSSUPS

**1. In this novel, a man's concubine kills herself by swallowing a gold nugget when that man's wife becomes suspicious, and another character kills a man over a servant girl and then pays for that man's funeral to avoid a murder conviction. A character in this novel plays a drinking game involving adding new lines to a poem at the Grand View Garden. This novel begins with the phrase “Truth becomes (\*) fiction when fiction is true, reality becomes unreal when the unreal is real.”** Forty chapters were added to the original eighty in a second printing of this novel, where a locket and a stone have inscriptions that seem to match. That stone abandoned by Nüwa is found in the mouth of the protagonist of this novel when he is born. Xuē Bǎochāi, Lín Dàiyù, and Jiǎ Bǎoyù are among the 400-plus characters in this novel. For 10 points, name this novel by Cáo Xuěqín, which is considered one of the Four Great Classics of China.

ANSWER: *Dream of the Red Chamber* or *The Story of the Stone* or *Hóng Lóu Mèng* <Hao>

**2. One person with this last name garnered about 3,000 votes in Arizona as the nominee of the New Party. After a certain event, a man with this last name reportedly accused an opponent of “demagoguing to the last.” The most famous action of a person with this last name derived partially from a letter sent to Adolph Sabath. A politician with this last name was investigated for trying to give special privileges to David Schine. Supporters of one man with this last name cut their hair and shaved their beards in Sam (\*) Brown’s “Clean for Gene” campaign. One man with this last name ran for the 1968 Democratic presidential nomination, while another was asked “Have you no sense of decency?” by Joseph Welch. For 10 points, name this last name shared by a US senator from Minnesota and another senator who caused the Red Scare.**

ANSWER: McCarthy <Sivakumar>

**3. A scene where this man has a vision and then decides to return to Rome is depicted in an Annibale Caracci painting. This man was rebuked for treating Gentile Christians as lower than Jewish Christians at Antioch, and in an earlier story, this man bitterly weeps after a rooster crows. This man originally refused to let his feet be (\*) washed, but later asked to have his head and hands washed as well. This man, who cut off Malchus' ear, is said to have been crucified head down, lending this man’s name to another name for an inverted cross. In Matthew 16, Jesus calls this man the “rock of the church,” and later, this man denies Jesus three times. This man and his brother Andrew became the first disciples after Jesus called them to become “fishers of men.” For 10 points, name this man, who is considered to be the first Catholic Pope.**

ANSWER: Saint Peter (accept Simon Peter) <Hao>

4. The 105<sup>th</sup> one of a set of objects that can be represented by this letter is the first to use a coefficient that is not one, zero, or negative one. The  $n$ th polynomial that can be represented by this letter divides  $x$  to the  $n$ th power minus one, but not  $x$  to the  $k$ th minus one for any integer  $k$  less than  $n$ . If a function represented by this letter is applied to  $n$  to the  $k$ th power, then that function equals  $n$  to the  $k$  minus one power (\*) times that function of  $n$ . That function represented by this letter counts the number of integers less than  $n$  relatively prime to  $n$  and is alternatively named the totient function. A value represented by this letter is the limiting ratio of consecutive terms in the Fibonacci sequence and is equal to about 1.618. For 10 points, identify this Greek letter, which can also represent the magnetic flux.

ANSWER: phi <Hao>

5. This artist depicted two young girls dressed in yellow and red in his painting *Sisters*. A man dressed in gray guides the titular animals down an oddly shaped hill in his work *Landscape with Shepherds and Flock of Sheep*. This man depicted a girl in yellow reading a book in one of his so-called “figures de fantasie”. A statue of Venus and Cupid stands over two young lovers in this artist’s painting *The Secret Meeting*, part of his (\*) *Progress of Love* series for Madame du Barry. In another work by this artist, a man holds onto a woman’s yellow dress and kisses her while locking a door. This painter of *The Bolt* showed a man sneaking up on a blindfolded lady in *Blind Man’s Bluff*. He is best known for a painting in which a pink-clad woman on the titular device kicks a shoe up in the air. For 10 points, name this Rococo artist of *The Swing*.

ANSWER: Jean-Honoré Fragonard <Sivakumar>

6. The protagonist of this novel dreams about becoming blind and returning home with a Seeing Eye dog after a sexual encounter with a local teenager. A character in this novel commits suicide after writing a note asking his mother if she remembered a set of mahjong rules. The protagonist’s relationship with Kay Campbell ends after he insinuates that she would convert to (\*) Judaism after marriage, after which he moves on to pursue The Pilgrim and The Monkey. The protagonist of this novel famously masturbates with a piece of liver eventually cooked by his mother Sophie for dinner. For 10 points, identify this novel narrated to the psychoanalyst Dr. Spielvogel by Phillip Roth.

ANSWER: Portnoy’s Complaint <Sharma>

7. In this opera, a character sings “Comes a pretty boy this path” while joking with his cousin. That character, Annchen, also sings the duet “Rogue, hold fast, I will teach you” with this opera’s female lead, who gets injured by a portrait falling on her. The title character’s rival sings “Let him gaze on me as king” after defeating the title character. That rival, Killian, then gains the approval of Kuno. The main plot of this opera centers on (\*) Kaspar’s plan to get rid of a curse set on him by the demon Samiel. In a scene set in Wolf’s Glen, Kaspar calls upon Samiel to create some magic bullets, and later, the “Hunter’s Chorus” is sung. Agatha protects herself from one of the bullets with a bridal wreath and so, the title character, Max, wins the shooting contest. For 10 points, name this opera written by Carl Maria von Weber.

ANSWER: *Der* Freischütz (or *The* Marksman or *The* Freeshooter) <Mathew>

8. An organic halide or triflate reacts with an organic coming of this element to create carbon-carbon bonds in the Negishi coupling, while palladium catalyzes a reaction of an organo-halide of this reaction with a

**thioester to create a ketone in the Fukuyama coupling. This element's oxide is synthesized by the indirect or direct processes, which are alternatively known as the French and (\*) American processes. Alkenes react with a copper couple of this element to create cyclopropane in the Simmons-Smith reaction, and the treble-clef and gag-knuckle are both motifs in a protein “finger” named after this element. This element forms brass when alloyed with copper, and its only oxidation state is +2. For 10 points, name this element used to galvanize steel with symbol Zn.**

ANSWER: zinc (accept Zn before read) <Hao>

**9. A communist-backed rebellion in this country was partially put down by the mercenary Unit 5 Commando. In 2012, several members of this country’s National Congress for the Defense of the People defected to form the rebel March 23 Movement. This country’s first prime minister was forced to eat copies of his own speeches by a man who later dismembered and killed Pierre (\*) Mulele. That man, who had earlier overthrown the government of Joseph Kasavubu, advocated wearing a tunic called the abacost as part of his policy of “authenticité”. This country’s province of Katanga seceded shortly after its independence, and its most famous leader was overthrown by Laurent Kabila. For 10 points, name this Central African country formerly led by Mobutu Sese Seko.**

ANSWER: Democratic Republic of the Congo (accept “DRC”, do not accept or prompt on “Republic of the Congo”) <Sivakumar>

**10. A Chinese pagoda and a Japanese tea house stand in the English Gardens in this city, while a French garden in this city is located on the grounds of the Nymphenburg Palace. A black footstep-like mark in a church in this city is famously attributed to the devil. That church was built by Jörg von Halsbach and is called the *Frauenkirche*. The Eisbach River is a man-made arm of the Isar River which flows through this city, and the (\*) Allianz Arena is home to a successful soccer team in this city. A white sausage invented in this city has become a Bavarian specialty. Both Siemens and BMW are headquartered in this city, which also hosts the annual *Oktoberfest*. For 10 points, name this southern German city, the third largest in its country after Hamburg and Berlin.**

ANSWER: Munich or München <Hao>

## BONUSES

1. Cities on this island include Hakodate and Asahikawa, and this island is connected to another, larger, island to its south by the Seikan tunnel. For 10 points each:

[10] Name this second largest and northernmost Japanese island.

ANSWER: **Hokkaidō**

[10] This city is the largest on Hokkaidō. A famous brewery and an annual snow festival are both located in this city.

ANSWER: **Sapporo**

[10] This Chinese city also hosts an annual ice and snow festival, which is the largest in the world. This city sits on the Sōnghuā River and is the largest city in Hēilóngjiāng.

ANSWER: **Harbin** (or **Hā'ěrbīn**) <Hao>

2. This phenomenon was originally observed in a block of iridium, and the Debye-Waller factor describes the number of events that experience this phenomenon. For 10 points each:

[10] Name this effect in which atoms absorb and emit gamma rays in a recoil-free manner.

ANSWER: **Mossbauer** effect

[10] The Mossbauer effect was most famously used in this experiment to measure gravitational redshift. The setup for this experiment included a Mylar bag, a loudspeaker, and two iron-57 samples.

ANSWER: **Pound-Rebka** experiment

[10] Some redshifts can be caused by this effect, where the frequency of a sound changes for a moving observer.

ANSWER: **Doppler** effect <Hao>

3. Paul Desmond played the head melody of “Take Five” on this instrument. For 10 points each:

[10] Name this instrument, whose players included Stan Getz, Ornette Coleman, and Lester Young.

ANSWER: alto **saxophone**

[10] This player of the alto saxophone co-created bebop and received his nickname “Bird” from songs like “Ornithology.”

ANSWER: Charlie **Parker**

[10] Charlie Parker played as part of a quintet including Bud Powell, Charles Mingus, and Max Roach on this live jazz album.

ANSWER: Jazz at Massey Hall <Mathew>

4. Answer some questions about the First Carnatic War. For 10 points each:

[10] The First Carnatic War was part of this larger conflict, which erupted over Maria Theresa's refusal to cede Silesia.

ANSWER: War of the Austrian Succession

[10] During the war, French troops, defeated the Nawab of the Carnatic, a dependent of this South Indian state, at the Battle of Adyar. The Second Carnatic War broke out after the death of this state's nizam Asaf Jah I.

ANSWER: Hyderabad

[10] During the Siege of Madras, this general escaped to the British position at Fort St. David. In a later conflict, he defeated Siraj-ud-Daulah at the Battle of Plassey.

ANSWER: Robert Clive <Sivakumar>

5. An author who wrote during this time period famously died fighting a war in Greece, despite being English. For 10 points each:

[10] Identify this time period, during which authors such as Charlotte Brontë, Elizabeth Gaskell, and Charles Dickens wrote extremely lengthy novels.

ANSWER: Victorian Era

[10] This poet of "God's Grandeur", "Pied Beauty", and "The Wreck of the Deutschland," is regarded as one of the greatest Victorian poets.

ANSWER: Gerard Manley Hopkins

[10] Hopkins was a proponent of this meter, and used it often in his poetry. In this meter, each poetic foot begins with a stressed syllable, followed by any number of unstressed syllables.

ANSWER: Sprung Rhythm <Sharma>

6. Old nicknames for the disease caused by this virus include woolsorter's disease and charbon. For 10 points each:

[10] Name this virus, which secretes the protective antigen, the edema factor, and the lethal factor. Strains of this virus include the Ames strain.

ANSWER: anthrax (or Bacillus anthracis)

[10] This person mostly took the credit for Toussaint's development of an anthrax vaccine. He is more notable for developing a rabies vaccine and heating beer and wine to kill bacteria.

ANSWER: Louis Pasteur

[10] This boy suffered fourteen dog bites before he became the first test subject of Pasteur's rabies vaccine, despite Pasteur not holding a medical license. Later in his life, this man served as caretaker to the Pasteur Institute and committed suicide when the Nazis entered Paris.

ANSWER: Joseph Meister <Hao>

7. During one fateful trip to Jötunheim, Thor and his companions came upon the castle of a trickster giant and challenged his followers to some competitions. For 10 points each:

[10] The castle belongs to this giant, who met Thor and his company under the guise of Skrymir. Thor was also unable to untie the drawstrings of this giant's bag.

ANSWER: Utgard-Loki (Do not accept or prompt on "Loki")

[10] During the festivities, Thor was tasked with lifting a cat, which was really this entity in disguise. It will eventually be the master of his demise at Ragnarök.

ANSWER: The Midgard Serpent or The World Serpent or Jörmungandr

[10] On the way to the castle, Thor tried to kill Skrymir three times because he was snoring so loudly, but failed each time. Name any of the three things that Skrymir thought fell on his head instead of Thor's hammer.

ANSWER: Acorn or Leaf or Dirt <Orlov>

8. In this play, one clumsy secretary is nicknamed "Twenty-two Calamities," and another character is dubbed an "eternal student." For 10 points each:

[10] Name this play in which the elderly manservant Firs lays down to die inside a locked, abandoned, house after his mistress leaves in the final scene.

ANSWER: *The* Cherry Orchard or Vishnevyi sad

[10] *The Cherry Orchard* is by this Russian whose other works include *Uncle Vanya* and *The Seagull*.

ANSWER: Anton Chekhov

[10] In *The Cherry Orchard*, Varya scolds Yepikhodov for playing this game at a party. Madame Ranevskaya's brother, Leonid Gayev, has a propensity to shout terms from this game at odd moments.

ANSWER: billiards <Hao>

9. This material covers the shells of the Walt Disney Concert Hall in Los Angeles. For 10 points each:

[10] Name this material, of which a white painted version was used in the Farnsworth House.

ANSWER: stainless steel

[10] Stainless steel was also used in this giant Anish Kapoor sculpture shaped like a bean in Millennium Park.

ANSWER: Cloud Gate

[10] Millennium Park is in Chicago, home to this architect of the Transportation Building and the Roosevelt University Auditorium Building.

ANSWER: Louis Sullivan <Mathew>

10. This man's conquests were summarized in his namesake "Epos". For 10 points each:

[10] Name this king of Akkad who created the first empire in recorded history.

ANSWER: **Sargon** of Akkad

[10] An important record of Sargon's reign is the Nippur inscription, which dates to the first dynasty of this empire. Its early rulers included Hammurabi.

ANSWER: **Babylonian** Empire

[10] After the Hittite sack of Babylon, the Amorites were succeeded by these people from the Zagros Mountains. They ruled from their capital of Dur-Kurigalzu.

ANSWER: **Kassites** <Sivakumar>