

Prison Bowl XIII: XIII Is Unlucky for a Reason

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PACKET SIX

Tossups:

1.

At the beginning of a work titled after this action, a character climbs into a septic pit with his dog; at the end of that work titled after this action, Takashi reveals to his brother his incestuous relationship with their sister. The reading of a certain poem causes a criminal to perform this action in Ian McEwan's (*) *Saturday*; Guy Montag reads the same poem, "Dover Beach," in *Fahrenheit 451*, making Mrs. Phelps also react in this way. In addition to a "silent" one of these actions that names a Kenzaburo Oe work, another work titled with this action follows Arthur Kumalo's journey to Johannesburg. For 10 points, name this action in the title of an Alan Paton novel addressed to "the Beloved Country."

ANSWER: cry [accept crying and other word forms; accept *The Silent Cry* or *Cry, the Beloved Country*] <RY>

2.

E.O. Wilson claimed "Karl Marx was right" in reference to these organisms. Acacia trees have a mutualistic relationship with some of these organisms, and other examples of these organisms cultivate fungus for food. Some of these animals have been observed to form (*) rafts while crossing bodies of water, and some produce as venom their namesake simplest organic acid. These animals, which are studied by myrmecologists ("MER-muh-cologists"), have a eusocial societal structure and communicate with each other using pheromones. For 10 points, name this family of insects, members of the order Hymenoptera along with wasps and bees, and which live in their namesake hills.

ANSWER: ants [accept Formicidae] <DS/AJ>

3.

This man coined the term "animal spirits" to show that humans' economic decisions are not always perfectly rational. This man argued against Say's law, and the IS-LM model was designed to represent his ideas. This man used the beauty contest analogy to argue against the efficient market hypothesis and this man created the (*) fiscal multiplier to account for the effect of government spending on national income. This man argued against the Treaty of Versailles in *The Economic Consequences of the Peace*. For 10 points, name this British author of *The General Theory of Employment, Interest, and Money*, who argued for deficit spending as stimulus during recessions.

ANSWER: John Maynard Keynes ["KAYNZ", but be reasonable] <PO>

4.

Note to moderator: read answerline fully.

This country suffered a disastrous defeat at the Piave river. This country had more than 100,000 casualties during the siege of Przemyśl (“PSHEM-ish-luh”), but it recovered the fortress two months later after breaking through in the Gorlice–Tarnów (“gor-LEET-seh Tar-noff”) offensive. The phrase “k.u.k” was used as a term for this country’s system of government after the (*) Ausgleich. This country’s annexation of Bosnia sparked the Bosnian Crisis. In 1848, the independence of one part of this future country was advocated by Lajos Kossuth (“LA-yosh KO-shoot”), and this country’s ultimatum to Serbia sparked World War I. For 10 points, name this historical European country governed from Vienna and Budapest.

ANSWER: **Austro-Hungarian** Empire [accept **Austria-Hungary**; accept **Österreichisch-Ungarische** Monarchie; accept **Osztrák-Magyar** Monarchia; accept **Austria** before “Przemyśl”; prompt on **Austria** after “Przemyśl” or **Hungary** by asking “Which historical country was it a part of?”; prompt on **Dual** Monarchy before mention by asking “What was its official name?”; prompt on **Habsburg** Monarchy by asking “Which country did they rule?”]
<PO>

5.

In this musical, the protagonist arrives at Shiz University with her father and her sister, who is in a wheelchair. At the end of this musical, the Grimmerie is exchanged between two characters who both earlier sing a rendition of “I’m Not That Girl” about wanting the affections of a man named (*) Fiyero. One character in this musical gives a makeover and social tips in the song “Popular” to her green-skinned friend. Elphaba is lifted in the air while singing “Defying Gravity,” in, for 10 points, what musical, originally starring Kristin Chenoweth and Idina Menzel, about the backstory of an antagonist from *The Wizard of Oz*?

ANSWER: **Wicked** <RY>

6.

In one scene, this character is asked whether they are “ashamed to disturb the dead,” after describing breaking a coffin open. After this character’s hair is innocently compared by a rival to “a colt’s mane over his eyes,” he throws a bowl of hot applesauce at that rival’s face. This man employs the religious fanatic Joseph and the housekeeper (*) Zillah, was tormented by Hindley as a young boy, and decides to take his revenge on Hindley’s son, Hareton. Near the end of the book in which this man appears, Nelly Dean finds him dead of starvation. For 10 points, name this lover of Catherine Earnshaw and main antagonist of Emily Brontë’s *Wuthering Heights*.

ANSWER: **Heathcliff** <AZ>

7.

This mythological figure sacked Troy and killed all of Laomedon's sons except Podarces, who was ransomed for a golden veil by Hesione. This figure’s mother was impregnated by Zeus and her husband Amphitryon on the same night, resulting in this figure’s twin half-brother Iphicles. This man fed Diomedes to his own mares and rerouted two (*) rivers to clean the Augean stables. He killed one monster aided by his nephew Iolaus and was forced to complete tasks like slaying the Hydra and the Nemean Lion. For 10 points, name this Greek hero who performed 12 labors.

ANSWER: **Heracles** [accept **Hercules**] <RY>

8.

Tony Lauria and Matt Ianello controlled this place on behalf of the Genovese crime family. Seymour Pine arrested folk singer Dave Van Ronk in this place. The Daughters of Bilitis and the Mattachine Society protested after one event in this place. (*) Stormé DeLarverie allegedly helped kick off a disturbance in this place

by complaining that her handcuffs were too tight. Drag queen Marsha P. Johnson apocryphally threw the first brick in this location. In 1969, police raided, for 10 points, what Greenwich Village gay bar, whose namesake riot is celebrated in annual “pride parades”?

ANSWER: **Stonewall** Inn [prompt on Greenwich Village before read] <RY/PO>

9.

This quantity is equal to the integral of the triple product of $\mathbf{F} \cdot d\boldsymbol{\theta}$, and “cheater bars” are often used to increase this quantity. In a spatially uniform electric field, this quantity is equal to the cross product of the field and the dipole moment. This quantity is equal to power over $(*)$ 2π , and work is equal to the definite integral of this quantity with respect to the angle. This quantity, which is the first derivative of angular momentum, can be expressed as the cross product of the force vector and the position vector. For 10 points, name this rotational analog of force.

ANSWER: **torque** [accept **moment of force**; prompt on tau] <AJ>

10.

Type of work and artist required. One of these works has the word “carma” written in the lower left, beneath a deer with a woman’s face. In one of these works, a hummingbird pulls on a necklace made of thorns. The central figure of one of these works has nails embedded in her skin and wears a steel corset; that work is *The Broken* $(*)$ *Column*. In one of these works, one of the central figures cuts a vein with a pair of scissors; the two central figures of that painting have hearts which are visibly connected. For 10 points, name these works by a particular artist which often feature cats and monkeys as well as her signature unibrow.

ANSWER: **self-portraits** by Frida **Kahlo** [prompt on partial; prompt on paintings before mention] <AJ>

11.

In one TV series, one of these people helps her father smuggle children out of the city of Freeland; that person’s father is Jefferson Pierce. Another person with this role visits Nixonville while investigating Judd Crawford’s death and works with the Tulsa police department, which has resorted to wearing masks while fighting the Seventh Cavalry. In another series, one of these people named Queen Maeve is employed by the $(*)$ Vought Corporation. Lena Luthor assists one of these people in defeating Reign; that person with this role teams up with Kathy Kane during Crisis on Infinite Earths. For 10 points, name this category of people that includes Supergirl and Batwoman.

ANSWER: super**heroes** [accept super**heroines**; prompt on vigilantes] <AJ>

12.

In one work by this author, a man is accused of stealing a wallet after attempting to hide that he was picking up a small piece of string. In a Henry James reversal of a story by this author, Arthur Prime claims he shattered a central object, in reality selling it away. In another work by this author, the title woman is manipulated by travelers into $(*)$ sleeping with an officer so they can proceed. In another story by this author of “Mademoiselle Fifi” and “Ball of Fat,” Mathilde attends a ball thrown by the Minister of Education after borrowing the title object from Madame Forestier, later discovered to be fake. For 10 points, name this French author of “The Necklace.”

ANSWER: Guy de **Maupassant** <RY>

13.

PulseAudio works on BSD and this system. Some of this system’s early makefiles bore the name “Freax,” an early name for this system. This system often utilizes LILO as a bootloader. Packages in this system can be compiled in tarballs or managed with systems like dpkg or apt. $(*)$ MATE is a common GUI for this system, an open-source platform that serves as the basis for Android. This system’s creator envisioned it as an open-source

alternative to MINIX, and members of this software family include Debian and Ubuntu. For 10 points, name this software family whose logo is a penguin that was originally developed by Linus Torvalds.

ANSWER: **Linux** <AJ>

14.

This ruler was tutored by Johan Skytte, who tried to marry this ruler to Elizabeth Stuart. This man tried and failed to take over the fort of Dünamünde. Jacob de la Gardie tried to place this ruler's brother Charles Philip on the Russian throne, and helped give Ingria to this man's country in the Treaty of Stolbovo. Despite his (*) Saxon allies fleeing the left flank, this ruler reorganized his troops to defeat Count Tilly in one battle. Axel Oxenstierna was a chief advisor of this ruler, who won the Battle of Breitenfeld but died in the Battle of Lützen. For 10 points, name this "Lion of the North," a 17th-century king who made Sweden a major power.

ANSWER: **Gustavus Adolphus** II (the Great) of Sweden [accept **Gustav** II **Adolf**] <CO>

15.

It's not in the summer, but in one form of celebration during this holiday, people form human pyramids to reach and break a pot of butter. Among the legends associated with this holiday are the murder of a she-demon with poisonous breast milk and the love between Rati and Kama. In one rite that takes place on this holiday, women beat shielded men with (*) lathis ("la-THEEZ") and people drink thandai ("thun-DYE"), which is laced with bhang. Prahlada survived on a pyre while this holiday's namesake demoness was incinerated due to the former's faith in Vishnu. For ten points, name this Hindu spring festival famous for its large bonfires and colored powder.

ANSWER: **Holi** [accept **Phagwah**] <AD>

16.

In August 2020, this leader was given the Henry A. Kissinger Prize. In a July 2020 speech, this leader claimed that "you cannot fight the pandemic with lies." In July 2018, after the Interior secretary threatened to resign, this leader's controversial immigration plan was watered down with the introduction of "transit centers" for refugees. This leader indicated a willingness to stop construction of the (*) Nord Stream pipeline following the poisoning of Alexei Navalny.. In October 2018, this leader announced her plans to forgo reelection as leader of the Christian Democratic Union and to remain as chancellor until 2021. For ten points, name this current chancellor of Germany.

ANSWER: Angela **Merkel** <NW/BC>

17.

This character was the inspiration for Esther in John Updike's novel *Roger's Version*. This character tells a child, "We must not always talk in the marketplace of what happens to us in the forest." This character is dragged away from a man whom this character's child says the "Black Man" has already gotten in the chapter "The (*) Leech and His Patient." In the town square, this woman recognizes a man, who has one shoulder higher than the other, after this character has the child Pearl with another man. For 10 points, name this woman who, due to an affair with Arthur Dimmesdale, is forced to wear the title scarlet letter in a Nathaniel Hawthorne novel.

ANSWER: **Hester Prynne** [accept either underlined part] <BC/RV>

18.

One part of this piece begins with staccato eighth note chords before the violin plays a descending C minor arpeggio and C minor scale. The first section of this piece begins with an [read slowly] E G-sharp G-sharp G-sharp F-sharp E B motif while the second section of this work depicts a sleeping shepherd and ends with a thirty-second note (*) “thunderstorm.” A part of this piece uses a two note violin motif to represent a dog’s bark. This piece was published with accompanying sonnets by the composer, and this piece was part of *The Contest Between Harmony and Invention*. For 10 points, name this set of four concertos by Antonio Vivaldi that includes “Spring” and “Winter.”

ANSWER: The *Four Seasons* [accept *Le quattro stagioni*; prompt on *The Contest Between Harmony and Invention* or *Il cimento dell'armonia e dell'invenzione* until mention; antiprompt on Winter or L'inverno or Vivaldi Concerto in F minor until “E” is read] <BC>

19.

The founding people of this empire rebelled against Sumanguru, who fled into the mountains. The founder of this empire presented a constitution called the *Kouroukan Fouga* after the Battle of Kirina. One ruler of this empire was supposedly swept into a “river with a powerful current” while on a (*) trans-oceanic expedition.

One ruler of this empire is depicted holding a gold nugget in the *Catalan Atlas*. In this empire, wandering Mandinka storytellers called griots maintained its oral traditions. The story of this empire’s founding is told in the *Epic of Sundiata*. For 10 points, what empire ruled by Mansa Musa lends its name to a West African country?

ANSWER: Mali Empire [accept Manden Kurufaba; accept Nyeni or Niani] <PO>

20.

This element and nitrogen can form a clathrate, and in 1992, it was discovered that an atom of this element can combine with 22 atoms of nitrogen in a van der Waals compound. It’s not carbon, but an atom of this element is emitted from a nitrogen atom in the CNO-I [“C-N-O-one”] cycle and this element was first discovered being emitted from cleveite, a type of (*) uranium ore. This element has the highest first ionization energy, and this element’s existence was first proposed as an explanation for a yellow spectral line in sunlight. The nucleus of this element is an alpha particle. For 10 points, name this lightest noble gas formed by fusing two hydrogen atoms.

ANSWER: helium [accept He] <AJ>

TB.

In one work, this author describes a wicker house miles in length spinning in the air after waking up in a glass temple of Venus. In another work by this author, Doragen tells the squire Aurelius that he may have her hand if he gets rid of all the rocks on the coast. In that work by this author of *The House of Fame*, Nicholas tricks John into sleeping in a (*) bathtub hung from the roof of a barn, in order to have an affair with John’s wife Alisoun. In another story in that collection which takes place in the Tabard Inn, the Wife of Bath describes a knight who seeks to find what women desire most. For 10 points, name this author of *The Canterbury Tales*.

ANSWER: Geoffrey Chaucer <RY>

Bonuses:

1.

David Hasselhoff sang to one of the biggest audiences in history after the fall of the Berlin Wall. For 10 points each:
[10] The Berlin Wall is referenced in the song “Heroes” by this artist, who recorded a “Berlin trilogy” in the 1970s and had “Ziggy Stardust” and the “Thin White Duke” as alter egos.

ANSWER: David **Bowie** [accept David (Robert) **Jones**]

[10] This East German leader escaped prosecution for his role in human rights abuses in East Germany. He and his deputy Erich Mielke formulated a plan to send thousands of dissident East Germans to concentration camps in order to avoid falling from power.

ANSWER: Erich **Honecker**

[10] East German leader Erich Honecker is depicted kissing this man on the mouth in the mural *My God, Help Me to Survive This Deadly Love*. This man ordered the Warsaw Pact invasion of Czechoslovakia.

ANSWER: Leonid (Ilyich) **Brezhnev** <PO>

2.

For 10 points each, name some things about grandparents in American literature.

[10] This 2005 novel by Jonathan Safran Foer sees Oskar Schell travel through New York City after his father’s death in the 9/11 attacks searching for information about his father’s life. In the process, he unknowingly meets his grandfather, whom Oskar is told is just a new tenant in his grandmother’s apartment.

ANSWER: ***Extremely Loud and Incredibly Close***

[10] The grandmother is killed by the Misfit at the end of this author’s short story “A Good Man is Hard to Find.”

This Southern Gothic author also wrote “Good Country People” and “Everything that Rises Must Converge.”

ANSWER: Flannery **O’Connor**

[10] This author wrote a poem about “The Last Words of [His] English Grandmother.” Another poem by this author describes stealing food that “you were probably / saving / for breakfast.”

ANSWER: William Carlos **Williams** <RY>

3.

Newtons per coulomb is the unit used to measure this quantity. For 10 points each:

[10] Name this quantity, which gives the force per unit charge at every point in space. This quantity is related to the distribution of electric charge by Gauss’s Law.

ANSWER: **electric field** [accept **E-field**]

[10] The electric field crossed with the magnetic field’s auxiliary field gives this vector which represents the energy flux of an electromagnetic field. This vector’s unit is watts per square meter.

ANSWER: **Poynting** vector

[10] Watts, which represent joules per second, are also the units for this quantity. More generally, this quantity is the rate at which an object does work.

ANSWER: **power** <BC>

4.

The deity Kama tips his arrows with the flowers of this fruit, and Ganesh was gifted a magical one of these fruits after he cleverly won a race around the world. For 10 points each:

[10] Name this fruit, which a fruit-seller gives to Krishna; in return, he turns her basket of grains into riches.

ANSWER: **mangoes**

[10] Krishna is an avatar of this Hindu preserver god, who makes up the Trimurti with Brahma and Shiva.

ANSWER: **Vishnu**

[10] As an infant, Krishna frequently stole much of this substance, earning him the nickname Makkan Chor. The god Agni had an insatiable appetite for this substance, a variety of which is called ghee.

ANSWER: **butter** <LS>

5.

Mamie and Kenneth Clark testified as expert witnesses in the desegregation case *Briggs v. Elliott* after an experiment with these objects. For 10 points each:

[10] Name these objects, which the Clarks used to demonstrate internalized racism. In their experiment, they showed that black children in segregated schools preferred playing with white versions of these objects to black versions.

ANSWER: **dolls**

[10] Dolls were also used in this psychologist's Bobo doll experiment, which he used to support his social learning theory.

ANSWER: Albert **Bandura**

[10] The Bobo doll experiment demonstrated that children learn behavior from observational learning and not only from the operant form of this learning process, in which an association is made between a behavior and reward.

ANSWER: operant **conditioning** <BC>

6.

This character is rudely rejected by a "Sermon" delivered by the title character of the work in which she appears, after she sends him a love letter. For 10 points each:

[10] Name this woman who has a dream of being chased across a snowy landscape by a bear.

ANSWER: **Tatyana** Larina [prompt on Larina, do not accept "Olga Larina"]

[10] Tatyana appears in Alexander Pushkin's *Eugene Onegin*, a verse novel in this language also used in works like *Crime and Punishment* and *The Cherry Orchard*.

ANSWER: **Russian**

[10] Another work by Pushkin is this poem in which Yevgeny goes insane after learning his lover Parasha has died in a flood, before imagining the title object depicting a Russian emperor coming to life and chasing him.

ANSWER: *The **Bronze Horseman**: A Petersburg Tale* <RY>

7.

This former “Former Yugoslav Republic” changed its name in 2019, finally settling a debate with its southern neighbor Greece. For 10 points each:

[10] Give the name of this Balkan country, whose name partially comes from a region once led by Alexander the Great.

ANSWER: **North Macedonia** [prompt on (Former Yugoslav Republic of) Macedonia or FYROM by saying “I need the current name”]

[10] Mother Teresa was born in this capital and largest city of North Macedonia. Kosovo is located near this city to its north.

ANSWER: **Skopje** [the “j” is pronounced like a “y”]

[10] North Macedonia’s only UNESCO World Heritage Site is this historic lake which it shares with Albania. This deepest lake in the Balkans is also known for the namesake ancient city on its shores.

ANSWER: Lake **Ohrid** [accept **Ohridsko** Ezero, Liqeni i **Ohrit**, or Liqeni i **Pogradecit**] <BC/CO>

8.

This composer used an English horn to represent a swan in his *The Swan of Tuonela*. For 10 points each:

[10] Name this composer of the opera *The Maiden in the Tower* and the *Valse Triste*. The third movement of this composer’s D minor violin concerto was referred to as “a polonaise for polar bears.”

ANSWER: Jean **Sibelius** [accept Johan Julius Christian **Sibelius**]

[10] Sibelius was from this country, where he would write the *Jäger* (“YAY-gurr”) *March* to lyrics set by soldier Heikki Nurmio. He also wrote a tone poem titled for this country that premiered in Helsinki.

ANSWER: Republic of **Finland** [accept **Suomi** or **Suomen** tasavalta]

[10] Another Finnish composer was this man, who used recordings of birdsong in his *Cantus Arcticus* and wrote a concerto where the solo parts belong to percussion instruments, *Incantations*.

ANSWER: Einojuhani **Rautavaara** (“AY-noh-joo-HAW-nee”) <PO>

9.

For 10 points each, answer some questions about types of deadly funguses:

[10] This fruiting body of a fungus comes in many varieties, and, while some varieties, such as truffles, are delicacies, there are also toxic and deadly varieties, such as the destroying angel and the death cap.

ANSWER: **mushroom**

[10] This fungal disease has devastated bat populations since its introduction to North America. It is named for a distinctive colored growth around part of a bat’s body, which causes death by waking the bat from hibernation early.

ANSWER: **white-nose** syndrome [prompt on *Pseudogymnoascus destructans*; do not accept or prompt on “*Geomyces destructans*”]

[10] Another deadly fungus is *Candida auris*, one of these fungi which are split into two separate phyla: Ascomycota and Basidiomycota.

ANSWER: **yeast** <JH>

10.

For 10 points each, answer some questions about shipwrecks.

[10] American Indians of the Pacific Northwest first used iron tools when they found them in shipwrecks from this country, which were swept towards America by the Kuroshio current.

ANSWER: **Japan** [accept **Nippon**-koku or **Nihon**-koku]

[10] This device, often thought to be the first analog computer, was found in a shipwreck in the Aegean Sea.

ANSWER: **Antikythera** mechanism

[10] The system for effective removal of shipwrecks from national waters was determined at a convention in Nairobi, the capital of this African country.

ANSWER: Republic of **Kenya** [accept Jamhuri ya **Kenya**] <AJ>

11.

Smoking kills. For 10 points each:

[10] The painting *Skull of a Skeleton With a Burning Cigarette* is by this Dutch-born artist of *The Starry Night*.

ANSWER: Vincent (Willem) **van Gogh**

[10] This artist depicted himself smoking in one self-portrait and with a skeleton arm in another. This artist's other works include *Puberty* and *The Vampire*.

ANSWER: Edvard **Munch**

[10] A more recent painting of a smoking skeleton is by artist John Sokol, who is better known for creating photorealistic portraits of people in the style of this other artist, whose works include *Emma* and *Lukas I*. This artist has painted with a brush strapped to his arm ever since what he calls "The Event."

ANSWER: (Charles Thomas) "Chuck" **Close** <AJ>

12.

Antioxidants are used to reduce the concentration of these species. For 10 points each:

[10] Name these chemical species that contain an unpaired electron.

ANSWER: free **radicals**

[10] One example of a free radical is the superoxide ion, which consists of two oxygen atoms and has this charge. This is the charge on a nitrate ion and a chlorate ion.

ANSWER: **negative 1** [accept equivalents like **minus 1**; do not accept or prompt on "1," "positive 1," or "plus 1"]

[10] Combining superoxide and hydrogen ions to make hydrogen peroxide and oxygen is this kind of redox reaction, in which one species is both oxidized and reduced.

ANSWER: **disproportionation** <BC>

13.

Jean Paul Sartre illustrated this concept by making a thought experiment involving a café waiter who acts a little too much like a waiter. For 10 points each:

[10] Give this concept which describes when people deny their own intellectual freedom, leading to self-deception.

ANSWER: **bad faith** [accept **mauvaise foi**]

[10] This writer claimed that women who placed their self-worth in the hands of male partners acted in bad faith. This writer outlined those beliefs in *The Ethics of Ambiguity*.

ANSWER: Simone (Lucie Ernestine Marie Bertrand) de **Beauvoir** ("bo-VWAR")

[10] De Beauvoir also wrote this work, in which she argues that men are treated as the societal default, while women are seen as other.

ANSWER: *The* **Second Sex** [accept *Le* **Deuxième Sexe**] <AJ>

14.

Note to moderator: emphasize "with" and "from" in the third bonus part.

The Contract with America helped the Republican Revolution in the 1994 elections. For 10 points each:

[10] It was written by Dick Armey and this man, who also launched a failed 2012 presidential bid. This former Georgia congressman became Speaker of the House in 1994.

ANSWER: Newton (Leroy) "Newt" **Gingrich**

[10] Gingrich received help from this conservative think-tank while writing the Contract with America. This think-tank, formerly headed by Jim DeMint, publishes the *Index of Economic Freedom* with the Wall Street Journal.

ANSWER: The **Heritage** Foundation

[10] The Contract *with* America should not be confused with the Contract *from* America, which was created in 2010 as a platform for this grassroots conservative movement. Its name comes from a 1773 Boston event to protest taxes on a namesake substance.

ANSWER: **Tea Party** <BC>

15.

In one work by this author, socialite Linnet Doyle is nearly crushed after someone pushes a boulder off a cliff. For 10 points each:

[10] Name this author who also wrote the world's longest-running play, which ran continuously for nearly 70 years before COVID-19 discontinued performances.

ANSWER: Agatha **Christie** [the unnamed play is *The Mousetrap*]

[10] Christie was from Devonshire, which is the setting of this Sherlock Holmes novel in which Stapleton tries to kill Sir Henry to gain his fortune. An animal is painted with phosphorus to disguise it as the title beast in this novel.

ANSWER: *The **Hound of the Baskervilles***

[10] This author of *The Hound of the Baskervilles* was inspired after hearing the legend of Richard Cabell. He also wrote *A Study in Scarlet* and over fifty short stories featuring Dr. Watson and Sherlock Holmes.

ANSWER: Sir Arthur Conan **Doyle** <BC>

16.

This soccer team set the all-time point record for a Premier League runner-up. For 10 points each:

[10] Name this team, located in northwest England, that contests the Merseyside derby with Everton and plays its home games at Anfield. This team is managed by Jürgen ("YUR-gen") Klopp and has players such as Virgil van Dijk ("dike").

ANSWER: **Liverpool** F.C.

[10] Liverpool's top scorer in the 2018-19 season was this Egyptian winger, who was signed from Roma in 2017. He won the 2018 Puskás Award.

ANSWER: Mohamed "Mo" **Salah**

[10] Jürgen Klopp was hired to replace this Northern Irish manager, who had led them to a runners-up place in the 2013-14 season. He is the current manager of Leicester ("LESS-ter") City, and formerly managed Swansea ("SWAN-zee") and Celtic ("SELL-tic").

ANSWER: Brendan **Rodgers** <BC>

17.

Name some things about the death of the universe, for 10 points each.

[10] Black holes will shrink and eventually disappear due to this kind of radiation, which is caused by pair production around the event horizon. It is named after the British astrophysicist who discovered it and who wrote *A Brief History of Time*.

ANSWER: **Hawking** radiation

[10] This general class of subatomic particles, which consist of three quarks, will eventually decay into photons and leptons. If a specific type of this particle does not decay, iron stars will appear in 10 to the 1500 years.

ANSWER: **baryons** [accept **baryonic** matter; anti-prompt on **protons** or **neutrons**]

[10] The end of the era of the universe denoted by this term is characterized by the decay of baryons. This term is also used to describe states of a quantum system with the same energy.

ANSWER: **degenerate** [accept **Degenerate** era] <BKC>

18.

Roses are red, chihuahuas are miniature. For 10 points each, name some things about colorful roses in literature.

[10] Laura is nicknamed “Blue Roses” by her high school crush Jim O’Connor in this Tennessee Williams play, after he misheard her saying the word “pleurosis.”

ANSWER: *The **Glass Menagerie***

[10] The speaker’s love for a “bonnie lass” is compared to the title “Red, Red Rose” in a poem by this Scottish writer. This poet also wrote “Auld Lang Syne” and “To a Mouse.”

ANSWER: Robert **Burns**

[10] This writer wrote the poem “I Cultivate a White Rose,” in addition to the collection *Versos Sencillos*. He died fighting in the Battle of Dos Ríos.

ANSWER: José **Martí** <RY>

19.

For 10 points each, name these facts about historical figures with the last name Putnam:

[10] Ann Putnam served as a primary witness during this event, the deadliest witch hunt in American history. This event, which took place in a namesake colonial Massachusetts town, led to the deaths of at least twenty people.

ANSWER: **Salem witch trials**

[10] General Israel Putnam commanded American troops at Bunker Hill and this 1776 American defeat, which ended when George Washington stealthily withdrew his army to a nearby island.

ANSWER: Battle of **Long Island** [accept Battle of **Brooklyn** Heights]

[10] Prior to founding the Ohio Company with Mannaseh Cutler, Rufus Putnam served under this general, who decisively defeated an Indian alliance led by Blue Jacket and Little Turtle at the Battle of Fallen Timbers.

ANSWER: “Mad” Anthony **Wayne** <AZ>

20.

Urine trouble! For 10 points each, answer some questions about urine in art.

[10] This photographer submerged a crucifix in a tank of his own urine for the photo *Piss Christ*, which was part of this artist’s *Fluids* series along with *Blood Cross* and *Milk/Blood*.

ANSWER: Andres **Serrano**

[10] This Marcel Duchamp (“mar-CELL doo-SHAWN”) sculpture consists of a urinal painted with the name “R. Mutt.”

ANSWER: **Fountain**

[10] Andy Warhol created a series of oxidation paintings by urinating on canvasses layered with this metal which was used to construct the Statue of Liberty.

ANSWER: **copper** [accept **Cu**] <AJ>

TB.

This class of compounds consists of an oxygen between two alkyl groups. For 10 points each:

[10] Name this class of organic compounds. Their formula is typically notated R-O-R’ [“R-O-R prime”]

ANSWER: **ethers**

[10] An example of an ether is artemisinin, which is more effective than this drug, which has traditionally been used to treat malaria. It is an alkaloid, and is naturally extracted from the tree bark.

ANSWER: **quinine** [accept **C₂₀H₂₄N₂O₂**]

[10] Ethers can be synthesized with this process, which involves an S_N2 reaction of an alkyl halide with an alkoxide nucleophile. It requires an added catalytic base, and usually a very basic nucleophile.

ANSWER: **Williamson** synthesis <PO>