

Harvard Fall Tournament VII

Round 5

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Tossups

1. The Swiss Cheese Features are small pits found on this entity. Flooding during its Hesperian Epoch followed the Noachian Epoch during which it was heavily bombarded. The Borealis basin covers forty percent of its surface, which was photographed by a namesake Global Surveyor and also contains the Tharsis region, which is home to many large volcanoes. This body visited by the *Phoenix* lander is home to the Valles Marineris and has an atmosphere with 95% carbon dioxide. It is orbited by two moons, Phobos and Deimos, and has the highest mountain in the solar system, Olympus Mons. For 10 points, identify this reddish-colored fourth planet from the sun.

ANSWER: **Mars**

2. This painter's most famous work appears in the background of another of his works, which depicts three nude women in a room cluttered with clothes, shoes, and umbrellas. In addition to painting *The Models*, this artist included a red-haired clown in the foreground of a painting in which an acrobat jumps above a white horse, *The Circus*. His best known work occupies an entire wall at the Art Institute of Chicago and depicts some steamboats and rowers on the River Seine, on the banks of which many Parisians relax with parasols, including a woman with a monkey on a leash. For 10 points, name this French pointillist, the artist of *A Sunday Afternoon on the Island of La Grande Jatte*.

ANSWER: Georges (Pierre) **Seurat**

3. This nation was the target of Operation Northwoods, a rejected series of covertly orchestrated acts of terror. It was also the site of the explosion of the French munitions vessel *La Coubre*. Current U.S. policy with regards to this nation was reinforced with the Torricelli Act of 1992 and the Helms-Burton Act of 1996. Its seizure was advocated by a document written by Soule, Mason, and Buchanan called the Ostend Manifesto, and its governance as a U.S. territory was established with the Teller and Platt Amendments. For 10 points, name this Caribbean nation upon which the U.S. has imposed a trade embargo since the rise to power of Fidel Castro in 1959.

ANSWER: Republic of **Cuba** [Accept Republica de **Cuba**.]

4. The so-called ‘fast-protein’ type of this process is an important method for protein-purification, and often the associated resin contains Ni(II) ions that bind to His residues. The size-exclusion type of this chemical procedure is also used for proteins and is a low-resolution process that separates based on size. The high-performance liquid type of this process, along with other types, involves a mobile phase and a stationary phase. In the thin-layer type, retention factors can be calculated as the ratio of the migration distance of the mobile phase over that of the solvent front. For 10 points, name this procedure in chemistry involved in the separation of mixtures based on polarity.

ANSWER: **chromatography** [Accept more specific answers, i.e. **thin-layer chromatography**, **affinity chromatography**, **column chromatography**, **size-exclusion chromatography**, **ion-exchange chromatography**, etc.]

5. In one encounter that took place near this city, the USS *Mississippi*, equipped with new Paixhans guns, ran past defenses at Uruga Harbor. Fires killed 140,000 people during a 1923 earthquake in this city. In 1995 the terrorist group Aleph, formerly known as Aum Shinrikyo, launched a sarin gas attack on the subway of this city. The “Black Ships” came here under the command of Matthew Perry, causing the end of the Sakoku policy that forbade foreigners from entering this city’s country. During that period, when it was ruled by the Tokugawa Shogunate, this city was called Edo. For 10 points, name this city with a view of Mount Fuji, the capital of Japan.

ANSWER: **Tokyo** Metropolis

6. Ada pushes Cadolt out a window in this man's opera *The Wedding*. This man included a "Spinning Chorus" in an opera in which Erik is abandoned by Daland's daughter Senta, who saves a character's soul by diving into the sea. Klingsor stabs Amfortas with a holy spear and Kundry turns into a white dove in another of his operas that was first performed at the Bayreuth Festival. This composer of *The Flying Dutchman* and *Parsifal* also composed a work containing a famous "Bridal Chorus," *Lohengrin*, and a cycle of works including *Siegfried* and *Das Rheingold*. For 10 points, name this composer whose "Ride of the Valkyries" can be found in his *The Ring of the Nibelung*.

ANSWER: (Wilhelm) Richard **Wagner** [VAHG-ner; accept *The Wedding* before "man"]

7. One author from this country wrote about a man who carries his wounded and estranged son Ignacio in search of a doctor in the story "No Dogs Bark," contained in his collection *The Burning Plain*. One poet from this nation wrote that "life and death are reconciled in thee, lady of midnight" in a poem that begins by describing a "willow of crystal," entitled "Sun Stone." Another author from this country created Harriet Winslow, who meets a fictionalized version of Ambrose Bierce in one novel. For 10 points, name this home nation of Juan Rulfo and Octavio Paz, as well as the author of *The Old Gringo* and *The Death of Artemio Cruz*, Carlos Fuentes.

ANSWER: **Mexico** [Accept **United Mexican States**, or **Estados Unidos Mexicanos**.]

8. One proposed plan to alleviate air traffic congestion in this city is the construction of an artificial island named for its current mayor. The result of an effort to revitalize its western portion was the development of the Canary Wharf financial district on the West India Docks of its Isle of Dogs, and Russell Square is home to this city's School of Economics. The M25 motorway spans its perimeter, and its internal transportation has a central hub at Charing Cross Station. For 10 points, Lord Mayor Boris Johnson currently leads this capital and largest city of the United Kingdom situated on the Thames river.

ANSWER: **London**

9. This man was a member of the Uranium Club during World War II, and a group named for him contains 3 by 3 upper triangular matrices with ones on the diagonal. Equivalent to Schrödinger's wave formulation, a theory he developed along with Max Born and Pascual Jordan represents physical observables by matrices and is called matrix mechanics. Derived from matrix mechanics, a relation named for this physicist implies that his namesake pairs, such as energy and time or position and momentum, do not commute. That relation is one of quantum mechanics' most well-known results. For 10 points, name this German physicist, best known for his Uncertainty Principle.

ANSWER: Werner (Karl) **Heisenberg**

10. The protagonist of this novel breaks his arm while trying to stop a runaway band of horses, and he finds an empty muff on his bed that he recognizes as belonging to the woman he loves. The servant Black George helps that character deliver messages to his lover, who is forced into accepting Master Blifil as her fiancée. The protagonist is surprised to learn that Mr. Partridge is not, in fact, his father, but that he is actually Mrs. Blifil's son, making him Squire Allworthy's nephew. For 10 points, name this novel in which the titular foundling pursues his love for Sophia Western, written by Henry Fielding.

ANSWER: *The History of **Tom Jones**, a Foundling*

11. This group was responsible for the attempted abduction of Charles IX at the Surprise of Meaux, resulting in the death of their leader Anne de Montmorency in the war that followed. These people were declared rebels after they put up seditious posters in the Affair of the Placards, and they won the Battle of Ivry against the forces of the Duke of Guise. The failed assassination of one of them, Gaspard de Coligny, resulted in nationwide murders ordered by Catherine de Medici in an event known as the St. Bartholomew's Day Massacre. They were granted toleration by Henry IV in the Edict of Nantes. For 10 points, name these long-persecuted French Protestants.

ANSWER: **Huguenots** [Accept **French Protestants** before the end.]

12. Enzymes in this structure are responsible for palmitoylation of the Ras superfamily, and this structure is also responsible for O-linked glycosylation. This structure allows the production of glycosaminoglycans, which help comprise the extracellular matrix. The acrosome is a derivative of this organelle. This organelle is capable of targeting the lysosome via application of a mannose-6-phosphate tag to proteins at its “cis” region. COPII-coated vesicles transport proteins from the ER to this structure, where they are targeted. For 10 points, name this organelle usually made up of flattened disks known as cisternae, responsible for protein processing and packaging.

ANSWER: **Golgi** apparatus [Accept **Golgi** body and **Golgi** complex.]

13. Once character in this play admonishes another character not to push with his fingers, and instead to use a crust of bread. When the son of the central family decides to pay the dues to join the Merchant Marine, the family’s lights go off in the middle of a crucial dinner. One character skips school to visit the zoo, and that character’s mother is delighted to learn that she had a crush in high school. The climax of this play comes when Jim O’Connor steps on a toy unicorn. For 10 points, name this play in which Tom and Amanda fight about a potential “gentleman caller” for Laura Wingfield, by Tennessee Williams.

ANSWER: *The **Glass Menagerie***

14. Raymond Cattell developed 16 “factors” for classifying it. Lewis Goldberg worked with a group that developed a set of dimensions of this concept nicknamed “The Big Five” that forms the acronym “OCEAN.” Gordon Allport suggested studying this concept in both nomothetic and idiographic manners. A “histrionic” disorder associated with this concept is characterized by attention-seeking and emotionality, and a test of this concept in people differentiates between perceiving and judging, as well as extroversion and introversion. For 10 points, identify this concept, the subject of the MMPI and Myers-Briggs Indicator tests.

ANSWER: **personality**

15. With the help of a servant, this man defeated a stone-hearted clay giant. That battle resulted in this god requiring help from the seer Groa in removing a whetstone from his head. This god gained the service of Roskva and the aforementioned servant Thialfi when the latter broke the thigh-bone of one of his goats. In addition to killing the giant Hrungnir, this god once fished his mortal enemy out of the ocean and failed to lift its paw when it assumed the form of a cat in the realm of Utgard-Loki. For 10 points, name this enemy of the Midgard Serpent who owned the hammer Mjolnir, the Norse god of thunder.

ANSWER: **Thor**

16. Tertullian asked what Athens has to do with this city in his critique of Classical learning. The Arch of Titus was built in commemoration of this city's capture in 70 AD, and Paul's trial before the Sanhedrin also occurred in this city. An eighth century BCE tunnel built to carry water into this city in the event of an Assyrian siege can still be seen today. The miraj or ascension of Muhammad to heaven occurred in this city above the Well of Souls. This city houses the Istanbuli and Rambam Synagogues as well as the Church of the Holy Sepulchre and the Temple Mount. In this city, the Foundation Stone lies inside the Dome of the Rock. For 10 points, name this city in the West Bank, Israel's current capital.

ANSWER: **Jerusalem** [accept **al-Ouds**]

17. One work by this thinker originally contained a parody of Christ’s speech to the thief on the cross, but that passage was censored. The titular character of one work by this man sees the ugliest man in the world after being warned of the sin of pity and delivers the parable of the tight-rope walker. This writer identifies Socrates and Euripides with two Greek gods in his analysis of drama, which differentiates between the Apollonian and Dionysian. That work is *The Birth of Tragedy*. In another work, this philosopher argued that man was just a transitional phase between ape and *ubermensch*. For 10 points, name this philosopher who declared that “God is dead” and wrote *Thus Spake Zarathustra*.

ANSWER: Friedrich (Wilhelm) **Nietzsche**

18. Schumann wrote his *Marchenbilder* for piano and this instrument, and this instrument is featured in a piece written for the death of George V, *Trauermusik*. That work was written by Paul Hindemith, who was a virtuoso of this instrument. One work featuring a large solo for this instrument contains an “Orgy of the Brigands” and was inspired by *Childe Harold’s Pilgrimage*; that work is *Harold in Italy*. This instrument, which shares a name with “de gamba” and “d’amore” versions used in Baroque and Renaissance music, has music for it written in alto clef, and its lowest string is an octave below middle C. For 10 points, name this middle voice of a string quartet that is slightly larger than a violin.

ANSWER: **Viola**

19. In one novel by this author, a poet’s red haired girlfriend is arrested for refusing to rat out her brother, and the poet Jaromil is spoiled by his Maman. In another novel, after writing a note which reads “Optimism is the opium of the people...Long live Trotsky!” Ludvik Jahn is expelled from the party. In addition to *Life is Elsewhere* and *The Joke*, this author wrote a novel which sees Franz killed in Bangkok, focuses on Nietzsche’s concept of eternal return, and features a romance between the pig Mefisto and dog Karenin. For 10 points, name this author of a novel about the love affairs of Sabina, Teresa and Thomas, set in Prague, *The Unbearable Lightness of Being*.

ANSWER: Milan **Kundera**

20. During the rule of one monarch by this name, a marriage proposal led to a rebellion by Peter Carew and James Croft, which was stopped by Robert Southwell. One monarch of this name appointed Reginald Pole as Archbishop of Canterbury and was targeted by Wyatt’s Rebellion. Hugh Latimer was killed during that ruler’s reign. Another ruler of this name was supported by the Rising of the North, the Ridolfi plot, and the Babington plot. One person of this name succeeded Lady Jane Grey, while another ruler married the Earl of Bothwell and Lord Darnley and was executed by Elizabeth I. For 10 points, give this name of a “Queen of Scots” and a ruler given the nickname “Bloody”.

ANSWER: **Mary** [Accept **Mary I** or **Mary Tudor** or **Bloody Mary** before “Rising of the North.”]

Bonuses

1. An installation by Christo and Jeanne-Claude called *The Gates* runs through many of its pathways. For 10 points each:

[10] Name this public space with lots of trees and grass that was planned by Frederick Law Olmsted to bring some green to the middle of Manhattan. The Metropolitan Museum of Art is located here.

ANSWER: **Central Park**

[10] Another famous planned park is this one in the Gracia district of Barcelona. It features a long serpentine bench surrounding its terrace along with a mosaic salamander fountain.

ANSWER: Parc **Guell** [GWELL]

[10] Parc Guell was designed by this Catalan architect who is best known for a church with lots of towers that when illuminated at night look like they are made of bones. That church, *La Sagrada Familia*, has yet to be completed.

ANSWER: Antoni **Gaudi** (i Cornet)

2. At the end of this play, the last candle goes out and a character is left sobbing in the darkness. For 10 points each:

[10] Name that play, in which Oswald discovers that not only has he inherited syphilis from his father Captain Alving, but that his love Regina Engstrand is actually his half-sister.

ANSWER: **Ghosts** [Accept **Gengangere**.]

[10] *Ghosts* was written by this Norwegian playwright of *When We Dead Awaken* and a play about the dissolving marriage of Torvald and Nora, *A Doll’s House*.

ANSWER: Henrik (Johan) **Ibsen**

[10] This Ibsen heroine entrances the scholar Eylert Lovborg, and attempts to destroy his research and urge him to suicide. She shoots herself with one of her father's pistols when Judge Brack attempts to blackmail her.

ANSWER: **Hedda** Gabler [Prompt on "Gabler."]

3. This experiment used a light source to fire at two gaps, which then produced an interference pattern through diffraction. For 10 points each:

[10] Name this experiment first carried out by an English scientist, which showed the probabilistic nature of quantum mechanics.

ANSWER: Young's **double-slit** experiment

[10] The double-slit experiment was early evidence that light not only behaved as a particle but also as one of these oscillations.

ANSWER: **waves**

[10] The Davisson-Germer experiment demonstrated the wave nature of electrons by firing them onto the surface of this element. This element, along with iron and cobalt, is considered a common ferromagnetic material.

ANSWER: **nickel** [Accept **Ni**.]

4. Answer the following questions about the industrial chemistry of a particularly important compound of nitrogen. For 10 points each:

[10] Name this compound, which is a noxious gas important for fertilizer use and in the production of nitric acid. Its formula is NH₃.

ANSWER: **ammonia**

[10] Name this process, patented by a German chemist in the early 1900s, which industrialized the synthesis of ammonia. This process is analogous to nitrogen fixation in biology.

ANSWER: **Haber-Bosch** process

[10] Although initially osmium was considered as a useful catalyst in the Haber process, oxides of this much cheaper element are currently used in large-scale industrial versions of the process.

ANSWER: **iron**

5. These objects that have constant access time to elements are functionally equivalent to pointers in C. For 10 points each:

[10] Name these commonly used data structures whose elements are accessed through their indices.

ANSWER: **arrays**

[10] This type of "last in, first out" data structure that can be implemented using an array is commonly compared against a queue.

ANSWER: **stack**

[10] This type of self-balancing data structure that ensures worst-case big O of log n insertion, deletion, and lookup has alternating layers which are given different parities.

ANSWER: **red-black** binary tree

6. Name these things about mountains in the Old Testament. For 10 points each:

[10] This is the mountain upon which Moses received the Ten Commandments from God. After descending from this mountain, Moses became angry upon seeing his people worshipping a Golden Calf.

ANSWER: Mount **Sinai** [Accept Mount **Horeb**.]

[10] This man first reached dry land on mountains forty days at sea, after which he saw a rainbow from God. He had previously built an ark to survive a flood.

ANSWER: **Noah** [Also accept **Noe** or **Noach**.]

[10] These are the mountains upon which Noah's ark landed. They are thought to be a likewise-named mountain in Turkey with Lesser and Greater peaks.

ANSWER: Mountains of **Ararat** [Accept **Mount Lubar** or **Mount Judi**.]

7. Name these Americans related to the hotly contested Election of 1824. For 10 points each:

[10] This long-serving Speaker of the House came in third and conceded his votes to John Quincy Adams, giving Adams the election. He was known as the “Great Compromiser.”

ANSWER: Henry **Clay**, Sr.

[10] After Clay was appointed Secretary of State, this man complained of a “corrupt bargain.” He would go on to defeat John Quincy Adams for re-election in 1828.

ANSWER: Andrew **Jackson**

[10] This Secretary of the Treasury under Monroe placed fourth in the election and returned to Georgia to serve as a judge.

ANSWER: William (Harris) **Crawford**

8. He painted a scene from the story of Susanna and the Elders that is dominated by the towering palace of Jehoiakim on the right. For 10 points each:

[10] Name this German painter who also showed massive, swirling crowds of Macedonian and Persian soldiers and a floating inscription in his *The Battle of Alexander at Issus*.

ANSWER: Albrecht **Aldorfer**

[10] This other German artist showed a bored angel sitting in front of a wall with a magic square in his *Melancholia I* as well as various other engravings like *Knight, Death, and the Devil* and his *Apocalypse* woodcut series.

ANSWER: Albrecht **Durer**

[10] Another German artist, Hans Holbein the Younger, painted this double portrait of some French people in England. It features a globe, a lute, and a stretched out skull.

ANSWER: *The **Ambassadors***

9. Words to this piece of music were written by Joseph Weyl, and in Austria it is played at midnight on New Years’ Eve. For 10 points each:

[10] Name this famous waltz written in 3/4 time, titled after a “beautiful” river.

ANSWER: *By The Beautiful **Blue Danube*** [Accept *The **Blue Danube** Waltz, An der schönen **Blauen Donau**, and Der **Blauen Donau**.*]

[10] The Blue Danube waltz was composed by one composer of this last name. That composer, known as the “waltz king,” also wrote an opera in which Falke is dressed as the title animal, *Die Fledermaus*.

ANSWER: **Strauss** [Accept Johann (Baptist) **Strauss** the Younger, Jr., the Second, or the Son.]

[10] Another composer with the last name of Strauss, Richard [REE-kard], composed this tone poem whose “Sunrise” section is famously featured at the beginning of *2001: A Space Odyssey*.

ANSWER: ***Also Sprach Zarathustra*** [Accept ***Thus Spoke Zarathustra*** and ***Thus Spake Zarathustra***.]

10. After putting down repeated rebellions by their leader Widukind, Charlemagne issued a *Capitulatio* outlining the terms of surrender for these people, eventually massacring thousands of them at Verdun. For 10 points each:

[10] Name these Germanic peoples who invaded and settled in Britain along with the Angles and Jutes.

ANSWER: **Saxons**

[10] Charlemagne became the first holder of this title upon being crowned by Pope Leo III on Christmas Day in 800. Otto of Brunswick was the only member of the Welf family to hold this title.

ANSWER: **Holy Roman Emperor**

[10] The crowning of Charlemagne as Emperor made him the successor to Constantine VI as the leader of the Christian world, drawing the anger of this Byzantine Empress.

ANSWER: **Irene** of Athens [Accept **Irene** Sarantapechaina.]

11. In one novel by this author, Savonarola convinces the title character to stay in Florence, but after the Bonfire of the Vanities and her grandfather’s betrayal by Tito Melema, she leaves. For 10 points each:

[10] Name this author of *Romola* and *The Mill on the Floss* as well as a novel in which Silas Marner's greatest treasure turns out to Eppie rather than the fortune that was stolen by Duncan Cass.

ANSWER: George **Eliot** [Accept Mary Ann **Evans** or Marian **Evans**.]

[10] In this Eliot novel, the doctor Tertius Lydgate struggles to revolutionize medicine in the titular town, and Dorothea Brooke falls in love with her husband's cousin Will Ladislaw.

ANSWER: **Middlemarch**: *A Study of Provincial Life*

[10] This man is Dorothea's first husband. A dour clergyman working on *A Key to All Mythology*, this man declares in his will that Dorothea cannot both marry Will Ladislaw and keep his estate.

ANSWER: **Edward Casaubon** [Accept either underlined part]

12. This state defeated the Latin League at Lake Regillus and survived the sack of its capital following a defeat by the Gauls at the Allia River. For 10 points each:

[10] Name this state that formed after Lucius Junius Brutus helped to overthrow Tarquinius Superbus, and was eventually supplanted by a similarly named Empire.

ANSWER: **Roman Republic** [Accept **Res-publica Romanorum**. Prompt on **Rome**. Do not accept "Roman Empire" or "Kingdom of Rome."]

[10] This Roman orator and consul strongly advocated traditional republican government, warning against the implications of Caesar's dictatorship. He gave the Philippic speeches to denounce Mark Antony.

ANSWER: Marcus Tullius **Cicero**

[10] After losing to Cicero in an election for the consulship, this man plotted to have Cicero murdered and to stage a revolt in Etruria, but things went badly and he was killed at the Battle of Pistoria in 62 BC.

ANSWER: **Catiline** [Accept Lucius Sergius **Catilina**.]

13. This October 2012 storm wreaked havoc in the Caribbean and along the Eastern Seaboard. For 10 points each:

[10] Name this hurricane that is currently estimated to become the second costliest Atlantic storm. It caused great damage in New York and New Jersey and interrupted the 2012 Presidential campaigns.

ANSWER: Hurricane **Sandy** [Accept **Frankenstorm**.]

[10] This Republican governor of New Jersey praised President Obama's response to the storm. He also instituted statewide gasoline rationing to deal with Sandy's aftereffects.

ANSWER: Christopher (James) **Christie**

[10] This man claimed that President Obama and FEMA reacted to the hurricane too rapidly. Ironically, this former director of FEMA had been heavily criticized for his slow response to Hurricane Katrina in 2005.

ANSWER: Michael Dewayne **Brown**

14. This empire had its capital at Ctesiphon and was founded by Ardashir I. For 10 points each:

[10] Name this last empire that revived orthodox Zoroastrianism and fought a war with the Byzantine empire in the early 7th century.

ANSWER: **Sassanid** empire [Accept **Sassanian** Empire.]

[10] This ruler from the same region overthrew the Median Confederation to found the Achaemenid Empire in the mid-sixth century BC. He was succeeded by his son Cambyses II.

ANSWER: **Cyrus the Great** [Accept **Cyrus II** or **Cyrus the Elder**.]

[10] The Sassanid Empire and the Achaemenid Empire both spoke varieties of this language, now the official language of Iran.

ANSWER: **Persian** [Accept **Farsi**.]

15. This philosopher wrote a constitution for the Carolinas that encouraged the slave trade and gave slaveholders absolute power over their slaves. For 10 points each:

[10] Name this British philosopher who developed primary and secondary characteristics in *An Essay Concerning Human Understanding* and advocated religious toleration in *A Letter Concerning Toleration*.

ANSWER: John **Locke**

[10] In his *Two Treatises of Government*, Locke argued that all men have the right to life, liberty, and this concept. Pierre-Joseph Proudhon asked “What is” this concept in a famous anarchist essay.

ANSWER: **property**

[10] Locke’s *An Essay Concerning Human Understanding* was a critical work in this branch of philosophy, which seeks to understand the nature of knowledge and how humans know what they know.

ANSWER: **epistemology**

16. The Hershey-Chase experiment determined DNA was the mechanism of genetic inheritance because bacteria infected by these entities continued to pass on phosphorus in future generations. For 10 points each:

[10] Name this type of virus capable of infecting bacteria.

ANSWER: **bacteriophage**

[10] One bacteriophage mode of replication is this cycle, which breaks open cells after replication so the bacteriophage can find other hosts.

ANSWER: **lytic** cycle

[10] The T4 bacteriophage in *E. coli* uses the lytic cycle and is contrasted with this phage with a Greek letter name discovered by Esther Lederberg. This phage uses the lysogenic cycle.

ANSWER: **lambda** phage [Accept enterobacteria phage **lambda** and coliphage **lambda**.]

17. In one scene in this author’s recent memoir, Nelson Algren dies just prior to a planned meeting with this author. That memoir, written in the third person, is titled *Joseph Anton*. For 10 points each:

[10] Name this author who also created a character born on August 15, 1947, Saleem Sinai, in the novel *Midnight’s Children*.

ANSWER: (Sir Ahmed) Salman **Rushdie**

[10] Rushdie used the pseudonym “Joseph Anton” after being the subject of a *fatwa* issued following the release of this book, which centers around Gibreel Farishta and Saladin Chamcha.

ANSWER: *The **Satanic Verses***

[10] In *The Satanic Verses*, Farishta and Chamcha are both aboard a hijacked plane that explodes over this body of water.

ANSWER: The **English Channel** [Accept La **Manche**.]

18. Isis gained power over this god by poisoning him and refusing to provide the antidote until he revealed his secret name. For 10 points each:

[10] Name this Egyptian sun god who crossed the sky every day in his solar barge. He was later syncretized with Amun.

ANSWER: **Ra**

[10] This Egyptian god of Chaos helped out on the solar barge, defending it from any enemies. He was a rival of his nephew Horus for power after his brother Osiris died.

ANSWER: **Seth**

[10] One of the daily attackers of the solar barge was this serpent-demon who rose up out of Bakhu and tried to eat Ra and his following. When he succeeded, solar eclipses happened.

ANSWER: **Apep** [Accept **Apophis**.]

19. One character in this novel teaches beavers to sing songs and later takes another man’s place in prison. That character is David Gamut. For 10 points each:

[10] Name this novel, in which Gamut rescues the titular character Uncas, who fights alongside Chingachgook and Hawkeye, also known as Natty Bumppo, against the French and the Hurons.

ANSWER: *The **Last of the Mohicans**: A Narrative of 1757*

[10] This novelist of *The Last of the Mohicans* had his literary offenses listed by Mark Twain and wrote other novels about Natty Bumppo like *The Deerslayer* and *The Pioneers* in his *Leatherstocking Tales*.

ANSWER: James Fenimore **Cooper**

[10] In this *Leatherstocking Tale* with a similar plot to *The Last of the Mohicans*, Bumppo fights the villainous Arrowhead for Mabel Dunham with the help of the frontiersman Jasper Western, who eventually marries Mabel.

ANSWER: *The **Deerslayer**, or The First Warpath*

20. In this experiment, children displayed violence towards an inflatable toy that they had previously seen an experimenter abuse. For 10 points each:

[10] Name this experiment conducted at Stanford, which also found that the gender of the experimenter influenced the relative levels of violence displayed by children of different genders.

ANSWER: **Bobo doll** experiment

[10] This proponent of social learning theory and coiner of the term “self-efficacy” ran the Bobo doll experiment.

ANSWER: Albert **Bandura**

[10] This other behaviorist created an operant conditioning chamber, known as his namesake “box,” and also wrote *Walden Two*.

ANSWER: (B)urrhus (F)rederic **Skinner**