

Prison Bowl VII

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Round 11 – Tossups

1. One symphony by this composer uses a jaunty theme in the strings to represent Humor while another of his symphonies is dedicated to the first of May. This composer scored his first piano concerto for piano, strings, and solo trumpet, and in his eighth string quartet he repeats a signature D – E-flat – C – B motif. This author also wrote an opera about Katerina Izmailova, and his seventh symphony features a snare drum ostinato which begins an “invasion” theme. For 10 points, name this Russian composer of *Lady Macbeth of the Mtsensk District* and symphonies nicknamed “Babi Yar” and “Leningrad.”

ANSWER: Dmitri Dmitriyevich **Shostakovich** <BM>

2. This novel opens by asserting that dream-bearing ships sail forever on the horizon for men. This novel’s protagonist decides to find a “bee for her bloom” after experiencing a moment of ecstasy under a pear tree. In this novel framed as a story told to Pheoby, Nanny urges marriage to a man with sixty acres of land before passing away. While seeking shelter during a hurricane, one character in this novel is bitten by a rabid dog and attacks his wife, who shoots him in self-defense. The protagonist of this novel marries Logan Killicks and Jody Starks but finds love with Tea Cake. For 10 points, name this novel about Janie Crawford, written by Zora Neale Hurston.

ANSWER: ***Their Eyes Were Watching God*** <TN>

3. The *ergastinai* were responsible for this action in preparation for the changing of the *peplos* during Plynteria, a festival in honor of Athena. Procne learned of Philomela’s rape by Tereus after Philomela engaged in this activity. A woman skilled in this activity was transformed with aconite after her suicide. This was supposedly being done for Laertes’s sake, but Melantho revealed to the suitors that Penelope has been doing this action during the day and reversing it at night. Athena ended a contest with a woman skilled in this activity by destroying her depiction of Zeus’s infidelities. For 10 points, Arachne was turned into a spider due to her prowess in what art?

ANSWER: **weaving** [do not accept “spinning”] <MZ>

4. To solve the Triffin Dilemma, this man proposed the bancor for use in international trading at the Bretton Woods conference. Judges select contestants based on what “the average opinion expects the average opinion to be” in a beauty contest he formulated to explain the behavior of rational agents in a market. He argued that because aggregate demand determines the level of economic activity, governments need to use fiscal and monetary policy to boost demand and reduce unemployment. For 10 points, name this British economist and author of *General Theory of Employment, Interest, and Money* who advocated for deficit spending during the Great Depression.

ANSWER: John Maynard **Keynes** <JL>

5. Unlike graphene, a single-layer orthorhombic allotrope of this element has a band gap. Exposure to this element can lead to BON, its associated necrosis of the jaw. It is used as a radioactive marker in Northern and Southern blots, and its pentachloride violates the octet rule. A violet-colored allotrope of this element is named for Hittorf. The oxidation of this element’s white allotrope gives rise to chemiluminescence while this element’s red allotrope is often used in the tips of matches. For 10 points, name this element which forms the backbone of DNA and has the chemical symbol P.

ANSWER: **phosphorus** <BM>

6. The largest version of one of these objects was destroyed by Joseph F. Enright while in transit; that was the *Shinano*. The United States's first full-purpose variant of this weapon was the *Langley*. The Washington Naval Treaty forced the US to convert battlecruisers into these types of ships; those were the USS *Lexington* and USS *Saratoga*. The US Navy was able to sink four of these ships at the Battle of Midway. The USS *Enterprise* was one of these ships. For 10 points, name these ships, which usually have flight decks and aircraft elevators that allow them to launch and recover airplanes.

ANSWER: aircraft carriers <JL>

7. One of these events in 2010 was dedicated to a man who had died earlier that day, Nodar Kumaritashvili. During another of these events, a release of "doves of peace" was changed to metaphorical doves after several were burnt alive. A recent one included a large countryside, children's literature from a certain country, chimneys rising from the ground, and James Bond and the Queen parachuting into a stadium. More recently, in one of these events a snowflake failed to open. For 10 points each, name these ceremonies that usually culminate with the relay of a torch, which have introduced certain events in Beijing, London, and Sochi.

ANSWER: Olympic opening ceremonies [accept logical equivalents] <SB/SH>

8. This author writes of a character whose foot is bitten by a sacred snake and possesses a magical bow bequeathed by Heracles. In addition to describing Philoctetes, this author depicts a shepherd on Mount Cithaeron giving a baby to Polybus. In a different work of his, a character disowns Ismene for refusing to properly bury Polyneices. Another of his characters stabs his own eyes with gold pins taken from his mother Jocasta's dead figure. That title character realizes that Tiresias's prophecy is true, for he has killed his father and married his mother. For 10 points, name this ancient Greek tragedian whose Theban trilogy includes *Antigone* and *Oedipus Rex*.

ANSWER: Sophocles <ZP>

9. These organelles are the target location of structures whose formation is mediated by P13K. They malfunction in Niemann-Pick disease, and swelling of the liver and spleen may result from a deficiency of LAL, an enzyme that hydrolyses cholesterol esters in these organelles. One disease of these organelles results in the accumulation of gangliosides. Mannose-6-phosphate targets proteins to these organelles, which may malfunction in Tay-Sachs disease and are the site of autophagy. They use proton pumps to maintain an internal pH of 4.8 and contain lipases and hydrolases. For 10 points, name these digestive organelles that break down cell components.

ANSWER: lysosomes <SH>

10. This polity was menaced by a group of Scandinavian tribes migrating to the Black Sea called the Heruli in 267 CE. At its height, all offices for this polity except *strategoi*, or generals, were chosen by lot. It was ruled for a time by thirty tyrants led by Lysander, and this polity built structures linking it to Piraeus and Phalerum known as the Long Walls. This polity famously practiced a procedure where citizens could vote to expel a person for 10 years, known as ostracism. Most famously ruled by Pericles, for 10 points, name this Attic Greek city-state, which led the Delian League and fought in the Peloponnesian War against Sparta.

ANSWER: Athens <ZP>

11. Rudyard Kipling illustrated his collection *Just So Stories* using this method, and Russian *Luboks* were first made via it. A series of works made by this method features fifteen scenes from the Book of Revelation, and another features its title animal clad in armor like plates as the artist had never seen it in person, *Rhinoceros*. That artist, who frequently used this technique that also characterizes the *ukiyo-e* genre, is Albrecht Durer. Used in Hokusai's *Great Wave of Kanagawa*, for 10 points, name this method of printing where a block is carved with the desired image, covered in ink, and then pressed onto paper.

ANSWER: woodcuts [or xylography; or woodblock printing, prompt on printing before mention] <AT>

12. An acidic lake is located in this island's Ijen Plateau, which also has coffee plantations. The Madurese and creole Betawi are minorities to its two major ethnic groups. Mount Semeru is the highest mountain on this island, which also contains the most active volcano in its country. The Sahul and Sunda shelves meet under this island, forming Mount Tabora. This island contains the city of Bandung and is separated from Sumatra by the Sunda Strait. The most populated island in the world, it is south of Borneo and north of Christmas Island. For 10 points, name this second largest island in Indonesia, with a capital at Jakarta, that also names a type of coffee.

ANSWER: Java <DM>

13. The “cold” varieties of these particles can be produced using liquid deuterium, and are used for measuring their scattering. They can be detected by gas proportional detectors filled with helium-3. They are used in NAA and PGAA to determine the elemental composition of a sample. PT symmetry would be violated by the existence of a dipole moment for these particles that are produced in spallation. One of their down quarks changes to an up quark in beta minus decay. Isotopes have the same number of protons but different numbers of, for 10 points, these particles with no electric charge.

ANSWER: **neutrons** <SH>

14. One member of this house relied on the popolani, while another built Leghorn and secured the Maremma. Some members of this house were “high standard bearers”. The House of Albizzi was an early opponent to this house, which Austria took over in 1737. It supported a rebellion of lower-class artisans called *ciompi*. Girolamo Savonarola usurped this house after one member’s death. The Pazzi Conspiracy failed to kill Giuliano and Lorenzo of this family. One member became the Pope after Charles V sacked Rome. The St. Bartholomew’s Day Massacre was partly instigated by Catherine of this family. For 10 points, name this Italian banking family which controlled Florentine politics.

ANSWER: House of **Medici** [or **Medici** family] <RN>

15. Polycrates of Ephesus and other Quartodecimans argued that this holiday should be celebrated on Nisan 14 of the Hebrew calendar, and its date was further debated at the first Council of Nicaea. In the Philippines, observers of this holiday re-enact the meeting of this festival’s central figure with his mother, a ritual called *Salubong*. It is traditionally the time to baptize new converts to Christianity, and the Exsultet is sung on this feast day. It was formerly called Pascha, and is closely linked to the Jewish festival *Pesach*, or Passover. The week before this holiday is called Holy Week, and its season ends on Pentecost. For 10 points, name this holiday celebrating Jesus’ resurrection.

ANSWER: **Easter** <PS>

16. The MoMA exhibition *The Family of Man* concluded with a photograph of two of these people walking towards a forest clearing, “The Walk to Paradise Garden” by W. Eugene Smith. Diane Arbus depicted one holding a toy hand grenade in Central Park, and a 1985 cover of National Geographic featured an Afghan one of these people with striking green eyes. Two of them bury their faces into the shoulders of Florence Owens Thompson in a Dorothea Lange photograph taken during the Great Depression. For 10 points, identify these people who accompany the central figure in *Migrant Mother*.

ANSWER: **children** [or **kids**; or equivalents; prompt on **little people**, I guess] <MZ>

17. One character in this work claims his father is possessed by the Demon of Experiment. A character who appears when hats and cloaks are placed on pegs is named Madame Pace (“pah-CHAY”). This play climaxes with the command for the Mother to “Cry out as you did then!”. At the end of this play, the Child drowns in a fountain and the Boy is supposedly shot off-stage, while the Stage Manager complains about losing a full day of rehearsal due to the disruptive arrival of the title masked figures. For 10 points, name this play featuring lost figures looking for someone who can alter their predetermined “eternal reality”, written by Luigi Pirandello.

ANSWER: ***Six Characters in Search of an Author*** <AM>

18. This man’s party used the metaphor “pull up the grass, dig up the roots” when fighting opposition, and he committed suicide the day the Voice of America broadcasted that his party would turn him over to international authorities. He divided his nation’s peasants into three “layers”. In gaining power, this man declared a Year Zero and deindustrialized his country. This man converted a high school into a prison where 20,000 people were killed in the S-21 campaign. He lost power after a failed 1975 invasion of Vietnam and was exiled to Thailand. For 10 points, name this man who murdered opponents in the “killing fields,” a Cambodian dictator and leader of the Khmer Rouge.

ANSWER: **Pol Pot** [or **Saloth Sar**] <JL/RN>

19. One type of these objects forms at the crest of a lee wave after undergoing orographic lift. That type has multiple layers which together form a mushroom shape and is termed “lenticular.” One emanation from these objects is called *virga*, which never reaches its normal destination. The CLAW hypothesis posits that their formation can be triggered by sulfate aerosols, the “seeds” or “nuclei” around which they condense below the dew point. Electric potential differences between their lower regions and upper anvil-shaped portion result in lightning. For 10 points, name these masses of water and ice suspended in the atmosphere, such as stratus and cirrus.

ANSWER: clouds [accept lenticular clouds] <ZP>

20. This character is described as having “fine eyes” which are “brightened” after she walks in the rain to visit her sick sister. After that work, she is looked on with contempt by the family she visits because of her muddied skirts. This character rejects a marriage proposal from a clergyman who later marries her best friend, Charlotte Lucas. Her sister Lydia elopes with an army officer, Mr. Wickham, whom this character was previously attracted to. She is courted by a wealthy and initially haughty resident of Pemberley, whom she “properly humbles”. For 10 points, name this character who eventually marries Mr. Darcy, the protagonist of Jane Austen’s *Pride and Prejudice*.

ANSWER: Elizabeth Bennet [prompt on Bennet] <SoH>

TB. The tone poem “Within Four Walls” begins this composer’s *Sunless* song cycle. An opera by this man includes a “Slava” theme and bell motifs in the second act which both recur in a later Coronation Scene. Rimsky-Korsakov’s orchestration is the best-known version of this composer’s tone poem depicting a witches’ Sabbath in the title location. A fanfare alternating between 5/4 and 6/4 time opens his most famous work, which features movements such as “The Great Gate at Kiev” and “Promenade.” A member of the Mighty Handful, for 10 points, name this Russian composer of *Night on Bald Mountain*, *Boris Godunov*, and *Pictures at an Exhibition*.

ANSWER: Modest Petrovich Mussorgsky <AT/BM>

Round 11 – Bonuses

1. The Czech Socialist Republic was formed during this short period, which began in early 1968. For 10 points each:
[10] This period saw the end of censorship and allowance of challenges to Communist Party policy. It ended in about five months with the Soviet military occupation of Czechoslovakia.

ANSWER: **Prague Spring**

[10] This head of the Czechoslovak Communist Party instituted Prague Spring and later chaired Slovakia's Social Democrats. His only surviving reform from 1968 was splitting his nation into two socialist republics.

ANSWER: Alexander **Dubcek** ("doob-CHECK")

[10] Prague Spring was crushed by this Soviet premier who justified his invasion based on the earlier invasion of Hungary in 1956.

ANSWER: Leonid **Brezhnev** <RN>

2. The glory, an optical occurrence caused by light backscattered by water droplets, involves this phenomenon. For 10 points each:

[10] Name this spreading of waves around small obstacles which results in an interference pattern. It can occur with sound and water waves as well as light.

ANSWER: **diffraction**

[10] Diffraction patterns occurred as a result of this experiment, first performed in 1804 by Thomas Young, in which light displayed characteristics of both a wave and a particle.

ANSWER: **double-slit** experiment

[10] The wave-particle duality nature of matter is a fundamental part of this interpretation of quantum mechanics, which also states that everything is probabilistic and that large systems can be modeled classically.

ANSWER: **Copenhagen** interpretation <BM>

3. Alejo Carpentier viewed this style as "baroque," with layers of mundane elements obscuring the unbelievability of certain elements. For 10 points each:

[10] Name this genre of fiction prevalent in Latin American fiction that integrates supernatural elements with everyday experience. Texts in this genre include *House of the Spirits* and *The Satanic Verses*.

ANSWER: **magical realism**

[10] A critical text in Latin American magical realism is this author's *One Hundred Years of Solitude*, which traces the circular history of the Buendia family in the town of Macondo.

ANSWER: Gabriel **Garcia Marquez**

[10] The third generation of the Buendia family has 17 children with this name, all but one of whom are murdered. Those children were all fathered by a Colonel of this name who faces a firing squad at the book's opening.

ANSWER: **Aureliano** <ZP>

4. For 10 points each, answer the following about psychology experiments performed at Stanford.

[10] Walter Mischel performed this experiment on delayed gratification and long-term success. Children were offered one of the namesake confections, and were told they could receive two if they waited 15 minutes.

ANSWER: **marshmallow** experiment [prompt on **candy** or **treats**]

[10] Another Stanford psychology experiment modeled one of these institutions, where extreme role adaptation, especially on the guards' part, caused the experiment's early termination.

ANSWER: **prisons**

[10] The Stanford prison experiment was conducted by this psychologist, who wrote *The Lucifer Effect* and founded the Shyness Clinic in Menlo Park.

ANSWER: Philip **Zimbardo** <MZ>

5. The position of Prime Minister of the United Kingdom was never actually stipulated in English law, but evolved from convention. For 10 points each, name some PMs.

[10] This British Prime Minister and First Lord of the Admiralty saw most of World War II during his term. He was surprisingly succeeded by Clement Attlee after the Potsdam Conference in the last months of the war.

ANSWER: Winston Leonard Spencer-**Churchill**

[10] Often considered the first Prime Minister, this man was Prime Minister during the South Seas Bubble and lost most of his influence following the War of Jenkins' Ear.

ANSWER: Robert **Walpole**

[10] Both Walpole and Churchill also held this economic position during their careers, which sets the inflationary target for British banks and spending limits for ministerial departments.

ANSWER: **Chancellor** of the **Exchequer** <JL/RN>

6. He snarkily showcased 38 methods to win an argument in "The Art of Being Right". For 10 points each:

[10] Name this pessimistic philosopher, a bitter rival of G.W.F. Hegel. He examined the world teleologically to argue that we are only fleetingly happy and that all Kantian noumena have will in *The World as Will and Representation*.

ANSWER: Arthur **Schopenhauer**

[10] Schopenhauer and Hegel hail from this country, whose idealist movement was sparked by the publication of Kant's *Critique of Pure Reason*.

ANSWER: **Germany**

[10] Schopenhauer's ascetic shaping of the will derives from these Vedic texts, which he supposedly read every night. Associated with the Vedas, they include the mukhya ones, such as the Aitareya.

ANSWER: **Upanishads** <PS>

7. This procedure is performed until an equivalence point, commonly accompanied by a color change, is reached. For 10 points each:

[10] Name this process in which the concentration of an unknown solution is determined by gradually adding an acid or base with a known concentration until the solution reaches neutralization.

ANSWER: **titration**

[10] This pH indicator commonly used in cell cultures changes from yellow to fuchsia between a pH 6.8 and 8.2. It is related to phenolphthalein and contains three benzene rings attached to a hydroxyl, sulfate, or ketone group.

ANSWER: **phenol red** [or **phenolsulfonphthalein**; or **PSP**]

[10] In order to find the equilibrium pH of an acid-base reaction, one can use this equation, in which pH equals pKa plus log of the molar concentration of the undissociated weak acid over that of its conjugate base.

ANSWER: **Henderson-Hasselbalch** equation <AT>

8. Skilled players of a certain instrument are able to change the pitch based on how they slap it. For 10 points each, name some percussion instruments used in West African music.

[10] *Dunun* accompany this rope-tuned and goatskin-covered goblet drum that originated with the Mandinka. *Sege sege* add a metallic rattle to its extremely loud sound, which is used to create a rhythm for dancing.

ANSWER: **djembe**

[10] This instrument is a pair of polished hardwood sticks that can be struck one against the other to produce a bright crisp sound. Its namesake rhythmic pattern anchors the drums and comes in son and rumba forms.

ANSWER: **claves** ("clah-vays")

[10] Traditionally made from a cactus, this instrument is a hollow tube filled with small pellets. When it is upended, the pellets fall and bounce off helically arranged pins, creating a sound reminiscent of a natural phenomenon.

ANSWER: **rainstick** <MZ>

9. In this novel, Isabel meets her disabled uncle, Ralph Touchett, after the death of her father. For 10 points each:
[10] Name this novel in which Isabel Archer rejects the marriage proposals of Lord Warburton and Casper Goodwood, and discovers that her husband Gilbert had an affair with Madame Merle.

ANSWER: The **Portrait of a Lady**

[10] This early modernist author of *Portrait of a Lady* wrote a novella about a governess who believes she sees the ghost of Miss Jessel, *The Turn of the Screw*.

ANSWER: Henry **James**

[10] In this novel by Henry James, Catherine Sloper is forced to choose between her love for Morris Townsend and her devotion to her father, Dr. Austin Sloper.

ANSWER: **Washington Square** <PS>

10. You've fallen victim to the plague striking Thebes! For 10 points each, let's discuss what to do:

[10] Since plagues reflect *miasma* or spiritual pollution, the first thing to do is to send someone to the Temple of Apollo at this location to consult their oracle, the Pythia.

ANSWER: **Delphi**

[10] In the meantime, you can check into a healing temple, where you can sleep near these creatures. They are sacred to Asclepius, the god of medicine and healing, around whose rod they appear.

ANSWER: **snakes** [or **serpents**]

[10] To purify yourself, you should head to a temple bearing libations, animal sacrifices, and olive branches wrapped with this material, whose color symbolizes purity.

ANSWER: **wool** <MZ>

11. This film about four parapsychologists who hunt specters such as Zuul and Gozer just turned 30 years old. For 10 points each:

[10] Name this 1984 sci-fi film in which Venkman, Spengler, and Stantz investigate paranormal activity around New York as the titular trio and fight the Stay-Puft marshmallow man.

ANSWER: **Ghostbusters**

[10] This writer and star of *Ghostbusters* and its sequel passed away on February 24, 2014. He played Dr. Egon Spengler in the films and co-starred with Bill Murray in the war-comedy *Stripes*.

ANSWER: Harold **Ramis**

[10] In *Ghostbusters*, this actor played the geeky accountant Louis Tully, who lusts after his next door neighbor Dana, who is played by Sigourney Weaver. He's also known for his role as Dark Helmet in *Spaceballs*.

ANSWER: Rick **Moranis** <SB>

12. After this conflict, America gained around 750,000 square miles of land. For 10 points each:

[10] Name this conflict from 1846 to 1848 which saw American forces led by Winfield Scott sack the enemy capital. It was sparked by a dispute on the western Texas border.

ANSWER: **Mexican**-American War

[10] The US Senate did not ratify the attempted insertion of the Wilmot Proviso into this treaty that ended the Mexican-American War with Mexico ceding territories such as California.

ANSWER: Treaty of **Guadalupe Hidalgo**

[10] Following the signing of the Treaty of Guadalupe Hidalgo, the US Senate authorized this purchase of southwest Arizona and New Mexico to facilitate the proposed construction of a Southern transcontinental railroad.

ANSWER: **Gadsden** Purchase [or Sale of La **Mesilla**] <JL>

13. He included a lively “Bacchanale” in his opera *Samson and Delilah*. For 10 points each:

[10] Name this French composer, whose *Introduction and Rondo Capriccioso* features a prominent solo violin. He depicted a swan gliding across water in his suite *The Carnival of the Animals*.

ANSWER: Camille **Saint-Saëns**

[10] Saint-Saëns wrote this tone poem which begins with the harp playing twelve Ds. A deliberately mistuned violin represents death’s fiddle while notes from the xylophone represent bones rattling.

ANSWER: **Danse macabre**

[10] In this symphony by Saint-Saëns, the first movement ends with strings sustaining a quiet D-flat major chord. The “Maestoso” section of its second movement features a majestic C major chord on its namesake instrument.

ANSWER: **Organ Symphony** [accept *Symphony No. 3* and equivalents] <BM>

14. This man proposed constructing a regular dodecahedron around the vertices of a cube by connecting the n and $n+1$ th vertex of the cube with the n and $n+2$ th vertex of a regular pentagon, and repeating. For 10 points each:

[10] Name this Greek mathematician who proposed the Pythagorean theorem in Book 1 of his *Elements*.

ANSWER: **Euclid**

[10] Non-Euclidean geometries include elliptic geometries and this class of geometries also named for Bolyai and Lobachevsky. They are usually rendered as resembling a saddle.

ANSWER: **hyperbolic** geometry

[10] Bolyai-Lobachevski geometry is characterized by the lack of this Euclidean postulate. A consequence is that two lines that possess its namesake property with respect to one another at one point need not do so at all other points.

ANSWER: **parallel** line postulate <ZP>

15. During wars and after major battles, generals often found it difficult to prevent their troops from looting and pillaging. For 10 points each:

[10] This Frankish city was sacked by the Vikings in spite of Charles the Bald’s defence, but Odo the Great later defended it successfully. It was named Lutetia by the Romans.

ANSWER: **Paris**

[10] In 1798 a namesake British ambassador to the Ottomans removed these sculptures by Phidias from the Acropolis and sold them to his government. They are now housed in the British Museum.

ANSWER: **Elgin Marbles**

[10] During the Second Opium War, British and French troops burned this monument park in Beijing and looted its elaborate fountain pieces after their envoys were tortured by the Chinese.

ANSWER: Old **Summer Palace** [or **Yuan Ming Yuan**] <JL/RN>

16. This poem’s addressee “floats along”, “lone wandering, but not lost”. For 10 points each:

[10] Name this poem whose narrator observes the title avian and finds relief in concluding that “there is a Power” who will “lead [his] steps aright” as well.

ANSWER: **“To a Waterfowl”**

[10] This editor of the *New York Evening Post* drew on English Romanticism to connect nature with spiritual introspection in “To a Waterfowl”. He castigated Thomas Jefferson’s “monster vice” in “The Embargo”.

ANSWER: William Cullen **Bryant**

[10] In this “meditation on death” by Cullen Bryant, the narrator predicts that nature’s “healing sympathy” and the “all-beholding sun” will disappear when he “lies down to pleasant dreams”.

ANSWER: **“Thanatopsis”** <KX>

17. According to Ovid, beautiful coral was created when Perseus delicately placed this item onto soft leaves. For 10 points each:

[10] Name this hideous object with snakes for hair that could turn any living thing to stone. The blood that spurted from it gave rise to Pegasus and Chrysaor.

ANSWER: Medusa's head [prompt on Medusa]

[10] Unlike her sisters Stheno and Euryale, Medusa was the only one of these petrifying hideous creatures that was mortal. Blood from their right side revives, while blood from their left kills.

ANSWER: Gorgons

[10] Medusa's head was ultimately mounted on this object of Athena's, where the head serves to terrify her enemies. It is made out of goat-skin.

ANSWER: aegis [prompt on shield or buckler] <MZ>

18. Neurofibromatosis and hypercholesterolemia are inherited in this fashion. For 10 points each:

[10] Name this type of single gene disorder, whose name refers to the location of the gene on one of the 22 pairs of homologous chromosomes, as opposed to on a sex chromosome.

ANSWER: autosomal

[10] This neurodegenerative disease is autosomal dominant. It results in involuntary, jerky movements called "chorea" due to the degeneration of neurons in the brain.

ANSWER: Huntington's disease [accept HD]

[10] Huntington's disease results from a cytosine-adenine-guanine sequence, which codes for this amino acid, repeated more than 36 times. Abbreviated Gln or Q, it is the most common free amino acid in human blood.

ANSWER: glutamine [do not accept "glutamic acid" or "glutamate"] <SH>

19. He wrote *Cosmicomics*, in which Qfwfq weaves short stories based on scientific facts. For 10 points each:

[10] Name this postmodernist Italian author of *Invisible Cities*, in which Marco Polo describes fifty-five cities to Kublai Khan, and *If on a winter's night a traveler*, containing interwoven chapters from fictional books.

ANSWER: Italo Calvino

[10] In *If on a winter's night a traveler*, sections are alternately told from this perspective, following the reader's attempts to find complete novels. *Bright Lights*, *Big City* also uses this perspective marked by the pronoun "you."

ANSWER: second-person

[10] The first-person confessions of expatriate lawyer and "judge-penitent" Jean-Baptiste Clamence comprise this novel by Albert Camus, but it frequently addresses the reader as "you" to extend the title descent to the reader.

ANSWER: *The Fall* [accept *La chute*] <SH>

20. One of this artist's works was reclassified under the category "Kitchen Utensils and Hospital Supplies" in a 1927 Customs Court case. For 10 points each:

[10] Name this artist whose imported abstract sculpture was overturned as manufactured metal, which, unlike art, is subject to a 40% tariff.

ANSWER: Constantin Brancusi

[10] *Brancusi v. US* was waged over a work from this series by Constantin Brancusi. These elongated and polished sculptures are abstractions of avian flight.

ANSWER: Bird in Space [or *L'Oiseau dans l'espace*]

[10] *Brancusi v. US* was waged by Edward Steichen and this artist, who escorted the *Bird in Space* in question. His own readymades, such as *Fountain*, an upturned urinal, also challenged the traditional meaning of art.

ANSWER: Marcel Duchamp <MZ>

TB. During the Progressive Era, the federal government attempted to regulate business. For 10 points each:

[10] Standard Oil was broken up into 33 companies when the Supreme Court applied this 1890 antitrust act against it, named after an Ohio Senator.

ANSWER: Sherman Antitrust Act

[10] One major provision of this President's "square deal" involved controlling corporations through trust-busting. His Presidency also saw the creation of the FDA.

ANSWER: Theodore Roosevelt

[10] Theodore Roosevelt also helped pass this act, which ended preferential rebates to trusts and rate discrimination between railroads. Railroads supported this act, but hated the later Hepburn Act that set maximum shipping rates.

ANSWER: Elkins Act <JL/RN>