

1. In this work, one character pretends to be Epicurus defending his religious beliefs. In an earlier section, the author of this work declares that mathematical sciences are Relations of Idea, which are distinct from Matters of Fact. Largely a reaction to the inductive reasoning of Locke, this work considers cause and effect in arguing that we understand complex ideas because of simple ideas, a concept called the Copy Principle. It later argues that miracles can't exist because they contradict the laws of nature, and it earlier presents an exception to the Copy Principle by imagining a "missing shade of blue." For 10 points, name this book that draws on *A Treatise of Human Nature*, also by David Hume.

ANSWER: An *Enquiry Concerning Human Understanding*

079-11-30-06102

2. This artist decorated the house of his longtime patron Sergei Shchukin, who also commissioned a second version of an earlier painting in which the central nudes are painted red instead of skin tones. The French stockbroker Genevieve Habert noticed that one of his final works, *Le Bateau*, had been hung upside in the MOMA for over a month. In one of this man's paintings, a woman arranges fruit on a table that blends in with the red wall behind it. He painted his wife Amelie Noellie with a stripe dissecting her face in *The Green Line* and with fruit on her head in *Woman with a Hat*. For 10 points, name this French painter who, with Andre Derain, led the Fauvist movement.

ANSWER: Henri Matisse

015-11-30-06103

3. The original owners of the pots Othrerir, Bothn, and Son were members of this race named Fjalar and Galar, who were killed by Sutungr after killing the god Kvasir. Loki once turned into a fly and bit one of these creatures named Eitri, in an attempt to prevent one of these creatures named Brokkr from winning a bet. One of these creatures named Alvis attempts to marry the daughter of Thor, but is asked questions until the sun rises and turns him into stone. The sons of Ivaldi are members of this race who built the ship of Freyr and the spear of Odin. This race may be the same as the svartalfen, or black elves. For 10 points, name this race from Norse mythology, notable for being short.

ANSWER: dwarves [accept: dvergr; svartalfen; black elves]

021-11-30-06104

4. In waveguides, this quantity is proportional to the square root of permeability over permittivity times either the wave number or the inverse of the wave number, depending on whether the wave is transverse magnetic or transverse electric. In general, this quantity emerges as a constant of proportionality when the Poynting theorem is used to calculate the power flow into a given surface. This complex quantity is inversely proportional to the frequency for a capacitor and directly proportional to the frequency for an inductor. This is the ratio of the complex voltage to the complex current. For 10 points, identify this quantity composed of a real resistance and an imaginary reactance, the generalized resistance of alternating current flow.

ANSWER: impedance

043-11-30-06105

5. This ruler's prohibition of Jews at his coronation led to an anti-Jewish massacre when some nevertheless showed up to offer gifts. One story about this man said that he was lying ill on a stretcher from scurvy and successfully shot several opponents with a crossbow while prone. He was later captured by Leopold of Austria and ransomed. At the Battle of Arsuf, this man defeated Saladin's forces, though he failed to capture Jerusalem. For 10 points, name this son of Henry II and Eleanor of Aquitaine who led the Third Crusade and was known as "the lionhearted."

ANSWER: **Richard I** [or **Richard the Lion-Hearted** before it is read; prompt on **Richard**]

081-11-30-06106

6. This character has an arrangement to visit Don Issachar three days a week and the Grand Inquisitor four days. This character suggestively drops her handkerchief after seeing Paquette having sex behind some bushes. Her brother is a commandant who claims to have been brought back to life by the Jesuits. She becomes the mistress to two Portuguese men before having a relationship with the governor of Buenos Aires. This character is freed from slavery in Constantinople after Cacambo helps her lover locate her and ultimately agrees to work in a garden. This character is the daughter of Baron Thunder-ten-tronckh, who employs the tutor Dr. Pangloss. For 10 points, name this long-suffering love interest of Candide.

ANSWER: **Cunegonde**

015-11-30-06107

7. Strongyloidiasis is caused by a member of this phylum, three different members of which are the causative agents of lymphatic filariasis. This phylum is divided into the classes Adenophorea and Secernentea. Members of this phylum reproduce by using spicules to transfer amoeba-like gamete cells that crawl into the genital pore of the female. One organism in this phylum was used by Fire and Mello to characterize RNAi; that species' hermaphrodite contains exactly 959 somatic cells, all of which have been fate-mapped. That organism, which was first studied by Sydney Brenner, is *C. Elegans*. For 10 points, name this phylum which contains the roundworms.

ANSWER: **Nematoda** [or **Nematodes**]

021-11-30-06108

8. In one speech from this a play a character says he will battle another man "with one hand on his scrotum" after accusing him of planning to use genetic engineering to make ugly people sterile. In the third act a man enters with a bouquet of snapdragons throwing them as spears at another character he calls "houseboy." This play ends with a woman saying "I am" in response to the wittiest thing said at the party that evening. A game called "Get the Guest" reveals one woman had a hysterical pregnancy in its second act titled "Walpurgisnacht." A story about a man who dies in a car crash by swerving to avoid a porcupine leads to the revelation that the central couple's son is imaginary. Nick and Honey are invited over for drinks by George and Martha, for 10 points, in this play by Edward Albee.

ANSWER: **Who's Afraid of Virginia Woolf?**

109-11-30-06109

9. This psychologist did an experiment in which participants were asked to sign up for additional trials after trying to memorize a list of words and were shocked regardless of performance. He described a process in which groups provide an environment where individuals lose self-awareness, which he called "deindividuation." This psychologist worked with Lynne Henderson to create the Shyness Clinic. His most famous experiment, run at Jordan Hall, saw a subject adopt a fake Southern accent from *Cool Hand Luke* and call himself "John Wayne" before the study was shut down after just six days. For 10 points, name this psychologist who ran the Stanford Prison Experiment.

ANSWER: Philip **Zimbardo**

109-11-30-06110

10. Two Senators from this political faction resigned to protest the violation of a patronage deal known as the "Treaty of Fifth Avenue." One member of this faction was nicknamed "Me Too" and later became a political boss who united the five boroughs of New York into a single city to increase his power. This faction included Thomas Platt and the "Immortal 306," who refused to vote for James Garfield. This faction attempted to nominate Ulysses S. Grant for a third term. Chester A. Arthur was considered a member of this faction, as he was a follower of its leader, Roscoe Conkling. For 10 points, name this Gilded Age faction of the Republican Party and opponents of the Half-Breeds.

ANSWER: **Stalwarts**

021-11-30-06111

11. Kemal Ataturk commissioned this composer to reorganize musical education in Turkey. This composer collaborated with Leonid Massine on a ballet about the life of St. Francis, *Nobilissima Visione*, and with George Balanchine on the ballet *The Four Temperaments*. This proponent of "Gebrauchsmusik" paid tribute to the Brandenburg Concertos by writing a series of chamber concerti he called "Kammermusik." He adapted incidental music from *Turandot* to compose his *Symphonic Variations on Themes by Von Weber*, and wrote an opera about the life of Matthias Grunewald. For 10 points, name this 20th century neo-Classical German composer of *Mathis der Mahler*.

ANSWER: Paul **Hindemith**

004-11-30-06112

12. The Catholic martyrs of this country were seven local Christians who were executed as French spies in 1940. The three southern provinces of this country have populations that are over thirty percent Muslim. The majority religion in this country venerates Lokesvara and believes that this country's head of state is a bodhisattva, two remnants of an earlier Mahayana strain that survived into the current Theravada dominance of Buddhism here. The majority of young men in this country spend at least a few months as Buddhist monks, and the prevalence of that religion led to a failed 2007 initiative to have Buddhism declared the state religion in, for 10 points, what country, home to the world's largest Theravada population?

ANSWER: Kingdom of **Thailand** [or **Ratcha Anachak Thai**; or **Prathet Thai**]

019-11-30-06113

13. One character in this novel feeds a fly to a spider and the spider to a bird before himself eating the bird. That character, R. M. Renfield, is a resident of a lunatic asylum run by one of the main characters. The protagonist of this work names his son after the Texan Quincey Morris, who is killed in the climactic battle at its end. The title character sails the *Czarina Catherine* to England, where he attacks Arthur Holmwood's fiancée Lucy Westenra. That title character of this novel is hunted by Dr. Seward, Mina Murray, Dr. Van Helsing, and Jonathan Harker. For 10 points, name this Bram Stoker novel about a Transylvanian count who happens to be a vampire.

ANSWER: **Dracula**

015-11-30-06114

14. In one opera, it is performed during the song "Ja, wir sind es, die Grisetten" in Hanna's house before Danilo arrives from Maxim's. In addition to that appearance in Franz Lehar's *The Merry Widow*, it also appears as a reprise to close out an opera immediately after a lightning bolt blocks one person's path, and originally is used in that opera after a series of minuets by Jupiter are denounced as boring. It is accompanied by the "Galop Infernal" and danced by the Olympian gods in that opera by Jacques Offenbach, *Orpheus in the Underworld*. For 10 points, identify this Moulin Rouge dance involving high leg kicks.

ANSWER: the **can-can**

019-11-30-06115

15. This poet asks why the "blessed structures, plot and rhyme" are "no help" when "I want to make / something imagined, not recalled?" in the poem "Epilogue." The speaker laments, "All you recovered from Poseidon died / with you, my cousin" in a poem whose sixth section is dedicated to "Our Lady of Walsingham." He ended one poem with the assertion, "A savage servility / slides by on grease." Another of his poems claims, "I myself am hell / nobody's here" and begins by discussing "Nautilus Island's hermit heiress." His collection *Lord Weary's Castle* includes "The Quaker Graveyard in Nantucket." He wrote a poem discussing the old South Boston Aquarium that claims Colonel Shaw's monument "sticks like a fishbone / in the city's throat." For 10 points, name this poet who wrote "Skunk Hour" and "For the Union Dead."

ANSWER: Robert **Lowell**

105-11-30-06116

16. The Hague Partition Treaty was an unsuccessful attempt to prevent this war. This war's most notable naval battle was fought at Malaga. This war resulted in the asiento, an agreement that gave England the right to supply slaves to South America. Many battles in this war were won as the result of cooperation between the Austrian General Eugene of Savoy and the English General Duke of Marlborough, including the Battle of Blenheim. England gained control of Gibraltar because of this war. This war began with the death of Charles II and ended with a French prince becoming King Philip V. For 10 points, name this war ended by the Treaty of Utrecht, fought over who should rule the namesake country with capital Madrid.

ANSWER: War of the **Spanish Succession**

021-11-30-06117

17. The flux of a vector field across a surface is given by the double integral, over the surface, of the vector field dotted with this quantity. The direction of this vector determines the orientation of a surface. For a plane, it can be found by taking the cross product of any two vectors in the plane; for a curve in space, it is equal to the derivative of the tangent vector. The direction of this vector, along with any point in the plane, defines the plane. For 10 points, name this vector, which is perpendicular to a surface.

ANSWER: the **normal** vector [or **N**; or **unit normal** vector]

080-11-30-06118

18. According to local legend, Jacob Waltz established the Lost Dutchman's Gold Mine near this state's Superstition Mountains. Brigham Young's son John built Fort Moroni on this state's San Francisco Peak, which includes its highest point, Humphreys Peak. This state's northern border straddles Monument Valley, where John Ford filmed many of his movies. Its largest cities include Chandler and Scottsdale, and it is home to the Big Horn Mountains and Sonoran Desert. The Colorado River forms this state's most notable feature. For 10 points, name this home of the Grand Canyon.

ANSWER: **Arizona**

015-11-30-06119

19. This functional group is found attached to a deoxyketose in Amadori compounds. One test detects them with sodium hydroxide and benzenesulfonyl chloride. A methylation with iodide produces an alkene and one of these compounds, which are exemplified by epinephrine. Potassium phthalimide transforms alkyl halides into this functional group in one synthesis. Detected by the Hinsberg Reaction, they are produced by the Zincke Reaction, Hoffman Elimination, and Gabriel Synthesis. Exemplified by aniline, they have a fishy smell. For 10 points, name this functional group consisting of three groups singly bonded to a nitrogen atom.

ANSWER: **amines**

079-11-30-06120

20. John Reagan served as Postmaster General during the entirety of this president's administration. After only seven months in office, this president was forced to shake-up his cabinet, firing Leroy Walker as Secretary of War and Robert Toombs as Secretary of State. This president's navy secretary, former Florida Senator Stephen Mallory, authorized innovative ships like the *Hunley*. Several posts in this man's cabinet were filled by Judah P. Benjamin, a Jew from Louisiana. Serving alongside Vice President Alexander Stephens, this man appointed as commander of the Army of Northern Virginia Robert E. Lee. For 10 points, name this President of the Confederate States of America.

ANSWER: Jefferson **Davis**

021-11-30-06121

21. This ruler patronized St. Boniface, whose early ministrations were interrupted by his war against the Frisian king Radbod. He was imprisoned by his stepmother Plectrude after being neglected in the will of his father, Pippin II of Herstal. This man defeated Chilperic II and Eudes in a series of battles which gave control of Neustria and Burgundy to the Mayor of the Palace. Near the town of Poitiers, this man defeated the Cordoban governor Abd-ar-Rahman in 732 AD, earning himself the epithet "the Hammer." For 10 points, name this victor at the Battle of Tours and grandfather of Charlemagne.

ANSWER: Charles **Martel** [or **Charles the Hammer**; prompt on "hammer"]

015-11-30-06122

22. When this character meets her sisters Betsey and Susan for the first time, they fight over a silver knife. Her brother is a sailor on the *Thrush* named William, who gives her an amber cross, forcing her to decide which of her suitors' gold chains to wear it on. Her uncle's friend Yates encourages her to act in the play *Lovers' Vows*, but her uncle returns from his plantation in Antigua and stops the production of the play. Her cousin Maria marries Henry Crawford, who proposes to this character in spite of her love for her cousin Edmund. She is brought up by Mrs. Norris and the Bertrams, her aunt and uncle. For 10 points, name this member of the Price family, the protagonist of Jane Austen's *Mansfield Park*.

ANSWER: **Fanny** Price [accept Fanny **Price** before Price is read]

079-11-30-06123

23. The Goesgen experiment used a nuclear reactor to observe their spectra. Experimental setups to study these down to the 6.5 megavolt range usually only observe B8 products. Their dynamics show large and small mixing angle solutions. Those dynamics are enhanced by the MSW mechanism. One method for finding these makes use of large quantities of perchloroethylene such as in the Homestake experiment. Research has shown that they can undergo flavor oscillations, and these half-integer spin particles are only affected by the weak force. They were first postulated in the form of their antiparticles by Pauli. For 10 points, name these non-charge-carrying leptons of little mass involved in beta decay.

ANSWER: **neutrinos**

107-11-30-06124

1. He wrote about the preparations for the end of light on the continuously six sun planet of Lagash in his story "Nightfall." For 10 points each:

[10] Name this Russian born science fiction author whose popularized the Three Laws of Robotics in his "Robot" series.

ANSWER: Isaac **Asimov**

[10] Asimov wrote seven novels for this series, in which mathematician Hari Seldon develops the science of "psychohistory."

ANSWER: **Foundation**

[10] In the fourth, fifth, and sixth books in the series, this character obstructs Seldon's plan through his power to mentally control people. He disguises himself as the clown Magnifico Giganticus.

ANSWER: The **Mule**

015-11-30-06201

2. Over half the known species of these crustaceans are parasites on marine organisms. For 10 points each:

[10] Name these dominant members of the zooplankton in all the world's oceans, which form the largest animal biomass in the world.

ANSWER: **copepods**

[10] The parasitic copepod *Condracanthus parvus* occupies the operculum of fish, which is the flap that covers these respiratory organs.

ANSWER: **gills**

[10] The parasitic copepod *Haemobaphes diceraus* also resides in the gills of fish and extends into the bulbus aterosus of the fish's heart, which is a series of valves that controls blood flow from the ventricle into this artery.

ANSWER: ventral **aorta**

066-11-30-06202

3. Name the following about 20th century sculpture, for 10 points each.

[10] This Romanian sculptor of the late work *Flying Turtle* is best known for his *Bird in Space*.

ANSWER: Constantin **Brancusi**

[10] This American city is home to both Anish Kapoor's *Cloud Gate* and Alexander Calder's *Flamingo*.

ANSWER: **Chicago**

[10] American sculptor Robert Indiana is best known for a sculpture depicting this word in which the second letter is slanted to the right.

ANSWER: **LOVE**

015-11-30-06203

4. This president protested to England after Canadian officials set the Caroline on fire and sent it over Niagara Falls. For 10 points each:

[10] Name this successor to Andrew Jackson nicknamed "the Little Magician."

ANSWER: Martin **Van Buren**

[10] Van Buren's term was rocked by this financial crisis, which was exacerbated by Jackson's passage of the Specie Circular.

ANSWER: **Panic of 1837**

[10] In the election of 1824, Van Buren was a supporter of this Georgia candidate who finished behind Jackson and Adams after suffering a stroke.

ANSWER: William Harris **Crawford**

015-11-30-06204

5. These pieces are numbered 244 on the Searle catalogue, and the most famous is No. 2, which was dedicated to Laszlo Teleki. For 10 points each:

[10] Name these set of nineteen piano pieces based on dances like the friska and lassan.

ANSWER: **Hungarian Rhapsodies**

[10] The *Hungarian Rhapsodies* were composed by this man, who was associated with a namesake “mania” and who invented the symphonic poem.

ANSWER: Franz **Liszt**

[10] Liszt’s fifth symphonic poem was titled after this mythological figure. A Scriaban composition scored for a color organ and subtitled “poem of fire” is named for this figure.

ANSWER: **Prometheus**

015-11-30-06205

6. As the son of Isabella of Portugal and Charles V, this monarch ruled all of Iberia. For 10 points each:

[10] Name this champion of the Counter Reformation who built El Escorial and launched the Spanish Armada.

ANSWER: **Philip II**

[10] Philip was opposed by this Dutchman, who was assassinated by Balthasar Gerard after leading the Dutch rebellion against Spanish rule.

ANSWER: **William the Silent** [or **William I**; or **William of Orange**]

[10] This son of William the Silent succeeded him as Prince of Orange and used an emphasis on siege strategy to take the Spanish fortresses at Breda and Steenwijk.

ANSWER: **Maurice** of Nassau

015-11-30-06206

7. One character repeatedly calls the protagonist "bright boy" and claims he should enter a nunnery. For 10 points each:

[10] Name this story in which the gangsters Al and Max hold the occupants of a diner hostage while setting a trap to kill a retired boxer nicknamed "The Swede" who never shows up.

ANSWER: "The **Killers**"

[10] This recurring character is the protagonist of "The Killers" and he also appears in other Ernest Hemingway stories such as “Indian Camp” and “Big Two-Hearted River.”

ANSWER: Nick **Adams** [or **Nick** Adams]

[10] Hemingway's most important line of dialogue occurs in a sketch from *In Our Time* when Nick Adams ironically tells Rinaldi, while they are both lying wounded on a battlefield, that they have achieved this state of contentment.

ANSWER: a **separate peace**

015-11-30-06207

8. He ran for president in 1916 with the slogan “He Kept us Out of War.” For 10 points each:

[10] Name this president who resisted the 19th amendment and who entered the United States into World War I.

ANSWER: Woodrow **Wilson**

[10] Wilson appointed this Jewish justice to the Supreme Court. He demonstrated the use of non legal data in his namesake “brief,” and is the namesake of a university in Waltham Massachusetts.

ANSWER: Louis **Brandeis**

[10] The Brandeis Brief was introduced at this Supreme Court case, which ruled that a state was allowed to restrict the working hours of women.

ANSWER: **Muller v. Oregon**

015-11-30-06208

9. Name the following about Hungary and literature, for 10 points each.

[10] This Elie Wiesel work describes the internment and suffering of the Hungarian Jews during World War II. It was followed by books titled *Dawn* and *Day*.

ANSWER: ***Night***

[10] A king of Hungary named Sigismund is a character in this Christopher Marlowe play about a Scythian shepherd who imprisons Emperor Bajazeth in a cage and stabs his own son after becoming a powerful ruler.

ANSWER: ***Tamburlaine the Great***

[10] This Hungarian author of *Fatelessness* and *Kaddish for an Unborn Child* won the 2002 Nobel Prize.

ANSWER: Imre **Kertesz**

015-11-30-06209

10. It isn't a primality test, but the AKS example of these has big O of $\log n$ depth. For 10 points each:

[10] Name these algorithms that use preset check then switch operations to manipulate a list. Their function is generalized by the zero-one principle and are visualized by connections between horizontal lines.

ANSWER: **sorting network** [or **comparison network**; prompt on **sorting** algorithm; prompt on **comparison** algorithm]

[10] This sorting algorithm is used as the basis for a sorting network named for Batcher. In this algorithm, lists are divided up into two, the algorithm is used recursively on the halves, then the namesake recombining stage occurs.

ANSWER: **merge** sort

[10] This developer of merge sort and member of the Manhattan Project developed a computer architecture where data and programs are stored in the same memory. He also established the minimax theorem.

ANSWER: John **von Neumann**

081-11-30-06210

11. This man's head was sent to his rival, who became furious at the disrespect. For 10 points each:

[10] Name this Roman who joined Crassus and Julius Caesar in the First Triumvirate.

ANSWER: **Pompey** the Great [or Gnaeus **Pompeius** Magnus]

[10] Pompey was definitively defeated by Caesar at this 48 B.C. battle in central Greece.

ANSWER: Battle of **Pharsalus**

[10] During the Civil War, Caesar sided with the populares and Pompey sided with this more elitist faction which controlled the senate.

ANSWER: **optimates**

015-11-30-06211

12. The magnetization of an object is defined by the sum of the average value of this quantity. For 10 points each:

[10] Name this quantity defined by the current multiplied by the area vector that dotted with B gives potential energy and crossed with B gives torque.

ANSWER: **magnetic dipole moment**

[10] For an atom, the magnetic dipole moment is proportional to the square root of J times J+1, where J is one of these numbers. The principle these include n which gives the energy and l, which gives the angular momentum, and m_s, which denotes spin. They correspond to orbitals of atoms

ANSWER: **quantum numbers**

[10] The natural units for expressing an electron's dipole moment is in terms of a magneton named for this Danish physicist. He also names a radius used in his model of the atom that succeeded the Rutherford model but was before the full development of hydrogen. That model gave the correct energies of hydrogen

ANSWER: Niels **Bohr**

107-11-30-06212

13. This sugar exhibits mutarotation and is a 1,4-beta-linked glycoside. For 10 points each:

[10] Name this disaccharide found in milk, which has a namesake intolerance and is formed by a unit of glucose and a unit of a C-4 epimer of glucose.

ANSWER: **lactose**

[10] This projection shows a monosaccharide in cyclic form with substituents above and below the ring.

ANSWER: **Haworth** projection

[10] These are sugars such that the oxygen attached to the anomeric carbon isn't attached to any other atoms. They are detected by Benedict's reagent.

ANSWER: **reducing sugar**

066-11-30-06213

14. He performed as the fop Sir Novelty Fashion in his own play *Love's Last Shift*, which was continued in Vanbrugh's sequel *The Relapse*. For 10 points each:

[10] Name this Restoration playwright who was appointed Poet Laureate in 1730.

ANSWER: Colley **Cibber**

[10] Colley Cibber was satirized as the hero of this author's *Dunciad*. He's better known for writing about the theft of some hair in *The Rape of the Lock*.

ANSWER: Alexander **Pope**

[10] Pope was a master of the "heroic" form of this stanza. Shakespearean sonnets are composed of three quatrains and one of these.

ANSWER: heroic **couplet**

015-11-30-06214

15. This woman lived on the island of Aeaea. For 10 points each:

[10] Name this enchantress who turned the men of Odysseus into pigs.

ANSWER: **Circe**

[10] Odysseus was spared from her magic because Hermes had given him some of this plant.

ANSWER: **moly**

[10] According to one story, this son of Odysseus and Circe killed his father with the spine of a stingray.

ANSWER: **Telegonus**

015-11-30-06215

16. This country's highest point is Triglav, which is part of the Julian Alps. For 10 points each:
[10] Name this eastern European country, which is the only former Yugoslav republic that borders Italy.

ANSWER: **Slovenia**

[10] This city is the capital of Slovenia.

ANSWER: **Ljubljana**

[10] This river, which flows through Slovenia, forms the northern border of Bosnia and Herzegovina.

ANSWER: The **Sava**

088-11-30-06216

17. Answer the following about American folklore for 10 points each:

[10] This lumberjack is often depicted with his companion Babe the Blue Ox.

ANSWER: **Paul Bunyan**

[10] This man was “born with a hammer in his hand” and died after defeating a steam hammer in a steel driving competition.

ANSWER: **John Henry**

[10] This railroad engineer was popularized in a Wallace Saunders ballad after dying while trying to stop his train, the “Cannonball Express.”

ANSWER: Casey **Jones**

015-11-30-06217

18. This philosopher’s monistic claim that there is only being at that all claims of non-Being are illogical is the subject of a Platonic dialogue named for him. For 10 points each:

[10] Name this pre-Socratic whose only surviving work is the three part verse composition *On Nature*.

ANSWER: **Parmenides**

[10] Parmenides was the founder of the school named for and based in this city. Its followers included Melissus of Samos.

ANSWER: **Elea** [or **Eleatics**]

[10] This member of the Eleatic school rhetorically questioned the possibility of motion in paradoxes like the Arrow Paradox and Achilles and the Tortoise.

ANSWER: **Zeno** of Elea

015-11-30-06218

19. The title figure clasps his hands over a book in this artist’s *Madonna of Chancellor Rolin*. For 10 points each:

[10] Name this man who painted a merchant’s wife in a green dress in *The Arnolfini Wedding*.

ANSWER: Jan **van Eyck**

[10] In van Eyck’s depiction of this scene, a dove pursued by seven rays of light heads directly for the blue robed Mary. This scene often includes a kneeling angel.

ANSWER: **annunciation**

[10] Van Eyck’s portrait of a man wearing this colorful headgear is often thought to be a self-portrait.

ANSWER: **red turban** [or **red chaperon**; or **blue turban**]

015-11-30-06219

20. He burns circus tickets in front of the servant Luster after asking him for a small loan to visit the circus and he secretly steals all the monthly checks his sister sends to support his niece. For 10 points each:
[10] Name this character who chases his runaway niece Miss Quentin when she steals all the embezzled money he kept hidden in a safe-box in his room.

ANSWER: **Jason** Compson

[10] Jason Compson narrates the third section of this novel by William Faulkner whose second section details the day Harvard student Quentin commits suicide.

ANSWER: *The **Sound and the Fury***

[10] Jason Compson becomes Miss Quentin's guardian when Caddy is abandoned without any money by her husband Herbert Head when he learns that this man is Quentin's real father.

ANSWER: **Dalton Ames** [accept either]

109-11-30-06220

21. Telaprevir and boceprevir are two drugs that were recently approved for the treatment of this virus, which is currently treated with a combination of interferon and ribavirin. For 10 points each:

[10] Name this virus, which often causes a chronic inflammation of the liver. Symptoms include include jaundice, spider angiomas, and gynecomastia.

ANSWER: **hepatitis C**

[10] Hepatitis can also cause this scarring of the liver.

ANSWER: **cirrhosis**

[10] Susceptibility to hepatitis C infection is partly attributed to a polymorphism in the gene coding for the 28th of these proteins. These cytokines are used by white blood cells to communicate with each other.

ANSWER: **interleukins**

066-11-30-06221