1. This artist painted a face emerging from pottery on the right as a girl plays a bright yellow harp in *Music I*, a piece which secured a commission to decorate the palace of Nikolaus Dumba. He controversially painted Danae curled up and in ecstasy as gold rains between her legs. He depicted a sneering woman in a gilded collar in his first depiction of Judith and Holorfenes, which was modeled by the only woman he painted more than once, Adele Bloch-Bauer. He was a leading member of the Vienna Secession and frequently incorporated gold leaf into his paintings. For 10 points, name this Austrian painter of *The Beethoven Frieze* and *The Kiss*.
ANSWER: Gustav **Klimt**

015-11-30-01102

2. A contingent from Schwaz foiled the losers' attack plans in the first of these conflicts, which may have been intended as a preliminary assault to another campaign, three years later, that was stopped at Koszeg. In the second of these conflicts, Charles of Lorraine led a force to counter one side's raiding after his army retreated to Linz, leaving Count von Starhemburg in charge of a small garrison fighting the forces of Kara Mustapha. A discredited legend claims that the croissant was invented to honor Polish king John Sobieski's arrival that turned the tide in that second one. For 10 points, name these 1529 and 1683 attacks by Turkish forces on an Austrian city.
ANSWER: **siege**s of **Vienna** [prompt on **Austro-Turkish** Wars]

003-11-30-01103

3. This character's creator wrote an essay examining "how [he] was born." After masturbating to the newsreel *The Gay Woman* about wealthy girls on a Florida beach, this character is incited to attack his friend Gus in a poolroom and forces him to lick a switch-blade to thwart their plan to rob Blum's Deli. He writes a fake ransom note to frame the communist Jan Erlone with his girlfriend Bessie Mears who he eventually murders with a brick. The lawyer Boris Max unsuccessfully defends this character against the prosecutor Buckley who convicts him for accidentally smothering his boss's daughter, Mary Dalton with a pillow. For 10 points, name this black protagonist of Richard Wright's *Native Son*.
ANSWER: **Bigger** Thomas [or Bigger **Thomas**]

079-11-30-01104

4. This man called the brain the "mystery box" in a debate with William McDougall. He did an experiment with Harvey Carr that explored how "kinesthetic feedback" helps organisms acquire a "chain of response." Another experiment found the subject over-generalized similar objects such as a seal fur coat, a bearded man, and a Santa Claus beard. In addition to testing rats running through a straight alley maze in his "Kerplunk" experiment he worked with Rosalie Rayner on an experiment that used a loud metal hammer blow to condition a baby to be afraid of a white rat. For 10 points, name this Behaviorist psychologist who did the Little Albert Experiment.
ANSWER: John **Watson**

109-11-30-01105

5. This artist was criticized by one subject for showing him with his legs splayed and vest becoming untucked. In the last year before her death, she visited several hospitals to take pictures of mental health patients dressed up for Halloween. She also took a picture of Eddie Carmel towering over his parents, in *Jewish Giant at Home.* Norman Mailer derided her by saying that putting a camera in her hands was like giving a grenade to a small child, which referred to her earlier picture of a small child holding a grenade. For 10 points, name this photographer who chronicled socially marginal figures around New York City before her suicide.
ANSWER: Diane **Arbus**

6. One notable property of these materials can be described by Miezowicz geometries and store Frank-Oseen energy. They can suffer from radial hedgehog defects. A change in their orientation by an electric field occurs at the Fredericks transistion. The direction of the averaged orientation in these are characterized by directors. Lipid membranes in cells are believed to have the dynamics of these. Two classes of these are thermotropics and lyotropics. Their phases include columnar, smectic, and nematic. These have orientational, but not long range order. For 10 points, name these fluid materials with intermediate organizational properties that are used in TV and computer displays.
ANSWER: **liquid crystal**s [prompt on **nematic** material before lipid membranes]

7. The Kapla is the biography of this religion's founder. Books called the Cheda contain rules for monks in this religion. The most important texts in this religion are the Agamas. Vision, knowledge, and conduct are the so-called "triple gems" of this religion. Each of this religion's prophets was smaller than the one that came before him; these prophets are called the 24 bridge-makers, or Tirthankars, the most recent of which was this religion's founder, Mahavira. Because of this religion's principle of ahimsa, some members wear masks to avoid accidentally inhaling and killing insects. For 10 points, name this Indian religion committed to non-violence.
ANSWER: **Jainism**

8. This man's Chief of Staff was dubbed the "Abominable No Man" and resigned after it was revealed he had taken an overcoat as a gift. Besides Sherman Adams, this man's advisers included a Cabinet dubbed "eight millionaires and a plumber." One of this man's Cabinet members, Charles Wilson, said during confirmation hearings that "for years I thought what was good for the country was good for General Motors." This man's Secretary of State initiated Operations PBSUCCESS and Ajax to overthrow governments in Guatemala and Iran. For 10 points, name this president whose Secretary of State was John Foster Dulles, and who had served during World War II as Supreme Allied Commander in Europe.
ANSWER: Dwight David **Eisenhower**

9. In one work, this thinker outlined six figures, including the "sub-man" and the "adventurer," to depict different ways in which man fails to be ethical. This philosopher wrote a metaphysical novel in which Francoise murders Xaviere, the lover of both her and Pierre. In another novel, this author wrote about Anne Dubreilh's affair with Lewis Brogan, a representation of Nelson Algren. The most famous work by this author of *She Came to Stay*, *The Mandarins*, and *The Ethics of Ambiguity* attacks the myth of the "eternal feminine" and states that "one is not born, but becomes, a woman." For 10 points, name this feminist philosopher and lover of Jean-Paul Sartre, who wrote *The Second Sex*.
ANSWER: Simone de **Beauvoir**

10. A beta-blocker overdose can be treated by using an IV infusion of this hormone. A tumor producing this hormone causes necrolytic migrating erythema, and such a tumor can be controlled with octreotide. DPP-4 degrades a peptide named for this hormone; that peptide is secreted by L-cells in the intestine. This hormone acts through a cAMP-mediated mechanism via a G-protein coupled receptor, and leads to the activation of glycogen phosphorylase in the liver and the breakdown of glycogen. This hormone is secreted by the alpha cells of the Islets of Langerhans in the pancreas. For 10 points, name this hormone that opposes insulin by raising blood sugar levels.

ANSWER: **glucagon**

11. The highest waterfall in this political unit is called the Devil's Appendix and is located on the side of Cwm (k-OOM) Idwal. An grove of Yew trees at Overton may be the oldest in this place, where a causeway known as "the cob" connects the town of Holyhead to Anglesey. A Beaker people site at Llethryd Tooth Cave is located on this component country's Gower Peninsula, which also includes an unusual rock formation called the Hog's Head. People in this region hold spoken word festivals called eisteddfodau, and it includes the Wye River valley as well as a large earthern wall separating it from its eastern neighbor, Offa's Dyke. For 10 points, identify this component country of the United Kingdom represented on its official flag by a dragon.

ANSWER: **Wales** [do not accept or prompt on "United Kingdom," etc]

12. Excluding sample preparation, two of these processes make up the first two phases of MudPit protein analysis. This process can be described with an equation that contains terms for eddy-dffusion, longitudinal diffusion and mass transfer called the van Deemter equation. A common material used in these setups is sepharose. It uses antibodies or other binding molecules in its affinity variant and a charged resin in its ion exchange form. The retention time is used to characterize this technique, which typically makes use of a column in its gas, liquid or high performance liquid variants. For 10 points, name this chemical technique which involves passing a mobile phase through a stationary phase to separate a mixture.

ANSWER: **chromatography**

13. One character in this novel attempts to read from a tract entitled *The Life, Letters, and Labours of Miss Jane Ann Stamper*. Part of this novel is a statement by the captain of the steamboat *Bewley Castle*. One character in this work is found dead at the Wheel of Fortune inn. That character, Godfrey Ablewhite, is shown to be a hypocrite during Miss Clack's narrative. Franklin Blake and Rachel Verinder are ultimately married in this novel. At the end of this work, Mr. Murthwaite observes a religious ceremony at the shrine of Somnauth at which the title object is placed in a statue. John Herncastle had previously stolen the title object from Seringapatam. For 10 points, name this novel by Wilkie Collins about the theft of the title gem.

ANSWER: *The **Moonstone***

14. Over 90% of patients with primary biliary cirrhosis have antibodies against an enzyme that breaks down this compound. In the Cori cycle, this compound is created in the liver from lactate. One enzyme that breaks down this compound contains E1, E2, and E3 subunits and uses lipoic acid and thiamine pyrophosphate as cofactors. Transamination of this compound produces alanine. A namesake carboxylase converts this compound to oxaloacetate in gluconeogenesis, and a namesake dehydrogenase converts it to Acetyl CoA for entrance into the Krebs Cycle. For 10 points, name this three-carbon compound, two molecules of which are the final products of glycolysis.

ANSWER: **pyruvate** [or **pyruvic acid**]

15. A Burgundian force under Geoffroy de Thoisy helped fend off a 1444 Mamluk siege of this city. Bayezid II paid a bribe to have his brother Cem imprisoned in this city by Pierre d'Aubusson, who had earlier defended it from a 1480 Ottoman Siege. After being expelled from Jerusalem in the 14th century, the Knights of St. John made this their base, although were forced to find a new home after it was sacked in 1522 by Suleiman the Magnificent. In ancient times, its harbor was home to a wonder of the ancient world which was destroyed in a 226 BCE earthquake. For 10 points, name this Greek island city which was home to an ancient "colossus."
ANSWER: **Rhodes**

16. One character with this profession, Hubert Blorna, has a wife nicknamed "Trude the Red" due to her leftist sympathies. That character of this profession appears in Heinrich Boll's novel *The Lost Honor of Katharina Blum*. Another character of this profession is engaged to Dunya in a novel in which he accuses the prostitute Sonya Marmeladova of robbing him. That character of this profession is named Pyotr Luzhin and appears in *Crime and Punishment*. Jean-Baptiste Clamence, a character in this profession, observes a woman who jumps into the Seine and fails to save her in Albert Camus' *The Fall*. For 10 points, Herr Huld, a member of this profession, does a poor job of defending Joseph K. in Franz Kafka's novel *The Trial*.
ANSWER: **lawyer** [accept reasonable equivalents like **attorney** or **advocate**]

17. An army from this country won the 1513 Battle of Novara, giving this country temporary control of Milan. The Field of Rutli is considered the place where this country was founded, and was also the site of a 1940 rally led by General Henri Guisan, who commanded this country's forces during World War II. Early in its history, this country won the Battle of Mortgarten, preventing its annexation by the Habsburgs. The Kapel Wars were fought between Catholics and Protestants in this country, which is home to several valleys where Romansch is spoken. This country is currently composed of 26 cantons. For 10 points, name this Alpine country in Europe, known for its neutrality.
ANSWER: **Switzerland**

18. Proper recordings of one piece by this composer use a pipe organ to play the "Saint Gregory the Great" section of his four-movement piece about fictional stained-glass religious scenes, *Church Windows*. He used the traditional Christmas carol "O Come, O Come, Emanuel" as the basis for the "Adoration of the Magi" movement of another art-inspired wrok, the *Three Botticelli Pictures*. His material was often performed or completed by his wife Elsa, as in his opera *Lucrezia*. His *andante mosso* depiction of the Valle Giulia is included in a work that also takes place at the Villa Medici, the Tritone, and the Trevi, and this composer of *Ancient Airs and Dances* also used a recorded nightingale call in another work set in the same city. For 10 points, name this Italian who composed *The Fountains of Rome* and *The Pines of Rome*.
ANSWER: Ottorino **Respighi**

19. In one story, this woman is killed by Artemis after giving birth to the twins Oenopion and Staphylus. This woman is also said to have died in a fight against the Argives, and in another story, this woman's apotheosis took place at Drios and the crown given to this woman at her wedding became the constellation Corona. This sister of Phaedra became the immortal wife of Dionysus. This woman used a gift from Hephaestus, a ball of string, in order to help her ultimately ungrateful lover escape from a labyrinth. For 10 points, name this woman abandoned on Naxos by Theseus.
ANSWER: **Ariadne**

20. One character in this story is described as having two expressions that she uses for all human dealings, "forward and reverse," and she repeatedly comments, "I always said so myself." Another character gives the derisive nicknames "Glycerin" and "Caramel" to Glynese and Carramae, who are the daughters of the nosy tenant Mrs. Freeman, and that character legally changed her name from Joy to annoy her mother. At the end of this story one character pulls out a pack of pornographic playing cards and of whiskey hidden in a hollow Bible and comments his real name is not Manley Pointer after abandoning a thirty-two year old woman who has a philosophy Ph.D. in the top loft of a barn. For 10 points, name this story in which Hulga Hopewell has her artificial leg stolen from her, written by Flannery O'Connor.
ANSWER: "**Good Country People**"

21. This character instructs a young man to visit her again after a six-day interval, at which time she demonstrates a "black fungus" covered in cobwebs and spiders. Her home is depicted as airless and oppressive because she always keeps the window-blinds closed, and that home is full of stopped clocks. Despite the warnings of Matthew, this character accepted a marriage proposal from Compeyson; she later intervenes to stop Bently Drummle from marrying her adopted daughter Estella, before dying when a fire consumes the wedding dress that she constantly wears. For 10 points, name this woman who is obsessed with her long-ago jilting at the altar in Charles Dickens's *Great Expectations.*
ANSWER: Miss **Havisham**

22. One ridge feature on this body is the Slidr Sulci and a unique class of dark features here are guttae. Its largest impact crater is Mazomba. This moon has a unique surface feature called "cantaloupe terrain", which resembles a melon skin. Due to tidal heating, this moon is believed to have spent a billion years in a liquid state. This moon's gravity is believed to cause disruption in the orbit of its neighbor, Nereid. Frozen nitrogen is emitted by geysers on this moon, the most notable example of ice volcanoes. Because of its retrograde orbit, this moon is believed to have been captured from the Kuiper Belt. For 10 points, name this largest moon of Neptune.
ANSWER: **Triton**

23. This location that was part of a larger battle was defended by troops under Paddy O'Rorke, who died here. Charles Hazlett died at this position after setting up his artillery to help secure it. One man who died at this location of a greater battle cried out "Don't give an inch!" before being shot in its defense. That man, Strong Vincent, and G.K. Warren helped organize troops here once it was discovered to be undefended. William C. Oates led a portion of the 15th Alabama against this position, which was held by a bayonet charge led by the 20th Maine under Joshua Chamberlain. For 10 points, name this location during the Battle of Gettsyburg that shares part of its name with a larger hill.
ANSWER: Battle of **Little Round Top** [prompt on Battle of **Gettysburg**; prompt on **Round Top**]

1. Name these economic curves, for 10 points each.
[10] This curve shows that as tax rate increases, tax revenue increases to a point and then begins to slope downward.
ANSWER: **Laffer** curve
[10] The Gini coefficient measures inequality on this curve, which is used to graph income distribution.
ANSWER: **Lorenz** curve
[10] Francis Edgeworth developed this curve which shows the point at which a consumer feels no preference toward a number of goods.
ANSWER: **indifference** curve

015-11-30-01201

2. This victor at the Battle of the Kasserine Pass suffered a decisive defeat at the second battle of El Alamein. For 10 points each:
[10] Name this "Desert Fox" who commanded Nazi forces in the North African campaign and opposed the Normandy landing.
ANSWER: Erwin **Rommel**
[10] At El Alamein, Rommel lost to this British commander who was put in charge of all ground forces in the Normandy invasion.
ANSWER: Bernard Law **Montgomery**
[10] Rommel was trained in the work of this Prussian tactician who advocated total war in his book *On War*.
ANSWER: Carl von **Clausewitz**

015-11-30-01202

3. This architect designed an urban redevelopment plan for Oklahoma City. For 10 points each:
[10] Name this Chinese architect of the East Building of the National Gallery of Art who used his trademark glass pyramids in his renovations on the Louvre.
ANSWER: Ieoh Ming **Pei**
[10] This other architect designed the Modern Wing of the Art Institute of Chicago and worked with Richard Rogers on the Centre Georges Pompidou.
ANSWER: Renzo **Piano**
[10] The first female winner of the Pritzker Prize, this British-Iraqi architect is known for powerful curves as in her BMW Central Building in Leipzig.
ANSWER: Zaha **Hadid**

015-11-30-01203

4. Answer the following questions about contemporary American essayists, for 10 points each.
[10] This author included the essay "E Unibus Pluram" in his collection *A Supposedly Fun Thing I'll Never Do Again*. He wrote a novel featuring James Incandenza and the Enfield Tennis Academy.
ANSWER: David Foster **Wallace**
[10] The founder of McSweeney's was nominated for a Pulitzer for this autobiographical memoir, which discusses Shalini's coma and the responsibility of raising his brother "Toph".
ANSWER: *A **Heart-Breaking Work of Staggering Genius***
[10] This author wrote about visiting Zora Neale Hurston's grave in her collection *In Search of Our Mother's Gardens*, which she published one year after her masterpiece *The Color Purple*.
ANSWER: Alice **Walker**

109-11-30-01204

5. This man won the daughter of Pelias by harnessing a boar and a lion to his chariot. For 10 points each:
[10] Name this man, whom Apollo served as a slave for a year after killing the Cyclopes.
ANSWER: **Admetus**
[10] This wife of Admetus gave her own life so her husband could live, but was later rescued from the underworld.
ANSWER: **Alcestis**
[10] This goddess filled Admetus' bridal chamber with snakes after he failed to make an offering to her. This virgin is the goddess of the hunt.
ANSWER: **Artemis** [or **Diana**]

6. Evidence of this civilization's written language was found in the Cascajal Stone. For 10 points each:
[10] Identify this civilization whose "elongated man" relics can be found at places like El Manati. Their name means rubber people.
ANSWER: **Olmec**s
[10] The Olmecs are probably best known for creating colossal representations of this body part.
ANSWER: **head**s
[10] This Olmec archaeological site was found when Matthew Stirling happened upon a giant eye from a colossal head looking up at him. Not to be confused with La Venta, it was active from 1200 to 900 BCE.
ANSWER: **San Lorenzo** Tenochtitlan

7. This character learns his colon cancer is lethal while interrogating his son about the suicide of his best friend Skipper. For 10 points each;
[10] Name this character who does not want to leave his plantation to his second son Gooper, but is worried that his favorite son Brick has not produced an heir.
ANSWER: **Big Daddy** Pollitt [prompt on Pollitt]
[10] Big Daddy is the patriarch of the Pollitt family in this Tennessee Williams play in which the former football star Brick won't sleep with his wife Maggie.
ANSWER: *Cat on a Hot Tin Roof*
[10] Brick explains his alcoholism by claiming he is disgusted with this deceitful aspect of the world. Brick repeatedly uses this word to refer to the world's duplicity.
ANSWER: **mendacity**

8. For 10 points each, name these works of Dutch-Jewish philosopher Baruch Spinoza.
[10] Spinoza used "geometric order" to argue that God is the only substance in the universe in this book, his magnum opus.
ANSWER: *Ethics*
[10] By analyzing scripture in this tract, Spinoza argues that government should be more secular. It also claims that Moses wrote the entire Torah.
ANSWER: *Tractatus-Theologico-Politicus* [or *Theological-Political Treatise*]
[10] This treatise presents eight properties of the title concept, arguing that we should concern ourselves with the "essence of thought," not "false and fictitious ideas."
ANSWER: *On the **Improvement of the Understanding***

9. This artistic movement spawned writers such as Claude McKay. For 10 points each:
[10] Name this African-American artistic movement of the 1920s and 1930s that was centered in a New York neighborhood.
ANSWER: **Harlem Renaissance**
[10] Often associated with the Harlem Renaissance, this folk artist painted a train station with signs for New York, St. Louis, and Chicago for his series *The Great Migration*.
ANSWER: Jacob **Lawrence**
[10] This other folk artist was discovered by Louis Caldor when he saw one of her paintings in a drugstore. Her painting *Sugaring Off* depicts a winter scene in a small village.
ANSWER: Anna Mary Robertson **Moses** [or Grandma **Moses**]

10. The bottoms of these devices contain materials like calcium chloride or magnesium perchlorate. For 10 points each:
[10] Name these laboratory devices used to dry out samples.
ANSWER: **desiccator**
[10] One desiccant is the activated form of this element. Organic chemistry is the study of compounds of this element.
ANSWER: **carbon**
[10] This compound and its derivatives are the most used liquid method to remove water from natural gas. It is also used in the manufacture of unsaturated polyethylene resins and it is the standard solvent in the Wolf-Kishner Reduction.
ANSWER: **diethylene glycol** [or **DEG**; prompt on **glycol**]

11. His daughter Christina assumed the throne after his death at the Battle of Lutzen. For 10 points each:
[10] Name this Swedish king known as the Lion of the North for his efforts on the Protestant side of the Thirty Years War.
ANSWER: **Gustavus Adolphus** Magnus [or **Gustav II Adolf**]
[10] Other key figures in the Thirty Years War included this general, whom Ferdinand II betrayed and replaced with Count Tilly.
ANSWER: Albrecht von **Wallenstein**
[10] The Catholics may have lost the Battle of Breitenfeld because of the hasty cavalry charge of this general, who was accused of unnecessary atrocity in the sack of Magdeburg.
ANSWER: Gottfried Heinrich Graf zu **Pappenheim**

12. For a given magnetic flux density B, this is a vector field A such that the curl of A is B. For 10 points each:
[10] Name this item from electrodynamics.
ANSWER: **magnetic vector potential**
[10] Given a magnetic vector potential, one can find a new potential for its magnetic field by one these transformations. It is accomplished by adding the gradient of a scalar function to A and subtracting the partial derivative with respect to time of the function from the scalar potential.
ANSWER: **gauge transformation**
[10] This man's gauge makes the curl of the vector potential equal to zero. He also names a law giving the force between two point charges.
ANSWER: Charles-Augustin de **Coulomb**

13. He hires the architect Philip Bosinney to build his estate and is left by his wife Irene after he rapes her. For 10 points each:
[10] Name this protagonist of *The Man of Property* and two other novels.
ANSWER: **Soames** Forsyte [or Soames **Forsyte**]
[10] The Forsyte Saga was written by this British author of the play *The Skin Game* and the novel *A Modern Comedy*.
ANSWER: John **Galsworthy**
[10] Galsworthy wrote *Two Essays on* this close friend, who wrote about Marlow's search for Kurtz in *Heart of Darkness*.
ANSWER: Joseph **Conrad**

14. This general organized the Army of the Potomac before failing to take Richmond in the Peninsula Campaign and facing Lee at Antietam. For 10 points each:
[10] Name this cautious general who ran against Lincoln in the 1864 presidential election.
ANSWER: George Brinton **McClellan**
[10] McClellan more successfully ran for the governorship of this home state of his. Other governors of this state include Woodrow Wilson and Christine Todd Whitman.
ANSWER: **New Jersey**
[10] McClellan's 1864 running mate was this Ohio senator who sponsored a bill that received a flood of support after the assassination of James Garfield.
ANSWER: George Hunt **Pendleton**

15. Goethe strongly defended his first tragedy *Il Conte di Carmagnola* and his second play was titled *Adelchi*. For 10 points each:
[10] Name this writer who is best known for a novel that includes characters such as characters such as the cowardly priest Don Abbondio and a powerful criminal called "The Unnamed."
ANSWER: Alessandro **Manzoni**
[10] In this aforementioned Manzoni novel the evil Don Rodrigo tries to prevent the silk weaver Renzo from marrying his beloved Lucia Mondella.
ANSWER: The ***Betrothed*** [or *I **Promessi Spossi***]
[10] Manzoni wrote his poetry sequence *The Fifth of May* on the death of this political leader. Wars surrounding this man make up the backdrop to *Vanity Fair*.
ANSWER: Napoleon **Bonaparte** [prompt on "Napoleon"]

16. The HEW, or hen egg white, type of this enzyme is the most commonly studied type, and it works via the Phillips mechanism. For 10 points each:
[10] Name this enzyme found in tears and saliva, which uses catalytic glutamate and aspartate residues at positions 35 and 52, respectively, to break down bacterial cell walls.
ANSWER: **lysozyme**
[10] The Phillips mechanism requires the formation of this resonance-stabilized cation, depicted as either a positively-charged carbon single-bonded to an oxygen, or a positively-charged oxygen double-bonded to carbon.
ANSWER: **oxonium** ion
[10] Lysozyme was discovered by this Scottish biologist who later discovered penicillin.
ANSWER: Alexander **Fleming**

17. This island group was discovered by the Spanish mediator Tomas de Berlanga, and its Baltra Island was home to a US military base during World War II. For 10 points each:
[10] Name this group of islands, the largest of which is Isabela Island and whose largest town, Puerto Ayora, is on the island of Santa Cruz.
ANSWER: **Galapagos** Islands
[10] The Galapagos are controlled by this South American country, where the peaks of Chimborazo and Cotopaxi are found.
ANSWER: Republic of **Ecuador**
[10] This largest city of Ecuador was the site of an 1822 conference where Bolivar and San Martin planned the independence of the rest of South America.
ANSWER: **Guayaquil**

18. Objects found in this region are known as cubewanos. For 10 points each:
[10] Name this region of the solar system stretching past Neptune about 30-55 astronomical units from the sun.
ANSWER: Edgeworth-**Kuiper** belt
[10] Among the objects believed to have been captured from the Kuiper belt is this moon, the largest and only main moon in the solar system with a retrograde orbit.
ANSWER: **Triton**
[10] A cubewano lacks this property with Neptune. This astronomical property is defined when the orbital periods of two bodies can be expressed in a simple ratio.
ANSWER: orbital **resonance**

19. Many Buddhists take refuge in a collection of things called the "Three Jewels." For 10 points each:
[10] The first of the jewels is this highest state of awakening. Siddhartha Gautama became one of these figures, and Bodhisattvas forego this state to help others.
ANSWER: **Buddha**
[10] The second jewel is this universal truth. This term refers to the teachings of the Buddha, and in Hinduism it refers to the laws governing moral life.
ANSWER: **dharma**
[10] This last of the jewels is the community, composed of monks, nuns, laymen, and laywomen, that makes up the Buddhist religion.
ANSWER: **sangha**

20. This man turned to composing when a device he used to strengthen his hands wrecked his career as a pianist. For 10 points each:
[10] Name this composer of *Carnaval* who made Brahms jealous by marrying Clara Wieck.
ANSWER: Robert **Schumann**
[10] This third published symphony of Schumann, and the fourth he wrote, was completed after he took a trip to its namesake river with Clara.
ANSWER: *Rhenish* symphony
[10] This first symphony of Schumann was premiered by Mendelssohn and adapts the final theme from *Kreisleriana*.
ANSWER: *Spring* symphony

21. He fictionalized the battle between the ancients and the moderns in his satire "The Battle of the Books." For 10 points each:

[10] Name this Irish author who described Laputa and Brobdingnag in *Gulliver's Travels*.

ANSWER: Jonathan **Swift**

[10] On one of his travels, Gulliver meets this race of horse-like creatures whose nobility contrasts with the dirtiness of the Yahoos.

ANSWER: **Houyhnhnm**s

[10] Swift adopted this pseudonym to predict the demise of the Almanac editor John Partridge. This pseudonym was named as the head editor of *The Tatler* by Richard Steele.

ANSWER: Isaac **Bickerstaff**