

1. This novel's epigraph comes from John Berger's novel *G*. In this novel, Chacko metaphorically explains Anglophilic history with a house metaphor, and the protagonists later hide at the History House of Kari Saipu after a boat capsizes. One character in this novel thinks his "Two Thoughts" after a showing of *The Sound of Music* where he is molested by the (*) Orangedrink Lemondrink Man. This novel's title character fixes machinery at Paradise Pickles and Preserves; that character, who is an untouchable, is accused of rape because of his affair with Ammu. Sophie's drowning in this novel is blamed on Velutha by Baby Kochamma. At the end of this novel, Estha and Rahel commit incest. For 10 points, name this novel by Arundhati Roy.

ANSWER: *The God of Small Things*

<Mehigan>

2. This deity was raised by Buto after being born on the isle of Chemmis. This deity's mother was decapitated for accidentally harpooning this deity underwater. The Ennead sought to crown this god before a contest that lasted eighty years. This god's Behdety aspect was the first god for whom the symbol of a winged disk was carved. This god's sons guarded each cardinal direction. Like Ra, this god had an aspect ruling the horizon called (*) Herakhty. This father of the canopic jars raced in a painted wooden boat as his foe's stone boat sank. The *wadjet* symbol, sun, and moon were seen as this god's stolen eyes, and he fought an evil god of the desert. For 10 points, name this son of Isis who defeated Set to avenge his father Osiris, a falcon-headed god.

ANSWER: Horus [or Harsiesis; or Heru-ur; or Har-Wer; or Hor; or Harpocrates]

<Bentley>

3. Laura Polanyi Striker argued that this man's poor Hungarian spelling could explain why he claimed to have fought at fictional battles under Michael the Brave of Wallachia. Recent archaeological evidence has lent credence to his account of a man who "powdered" his wife during a crisis that made this man's reputation. He once sailed under Christopher Newport and supposedly coined the term (*) "New England". This man was forced to return to England by a gunpowder injury, after negotiating a trade deal with native tribes to help alleviate the Starving Time. He claimed that his life was saved by the future wife of John Rolfe during a feast given by Chief Powhatan. For 10 points, name this confidant of Pocahontas and leader of the Jamestown settlement.

ANSWER: John Smith

<Bentley>

4. For a complex, this value increases down the Irving-Williams series. The negative of this value is the slope of a line in a Scatchard plot. One form of this quantity can be converted into another by multiplying by RT raised to the difference in the number of moles of gas. The change in this quantity for a given change in temperature is related to the enthalpy of the reaction by van't Hoff's equation. The change in Gibbs free energy for a (*) reaction equals negative RT times the natural log of this quantity. The law of mass action equates this value to the concentrations of the products divided by the concentrations of the reactants. For 10 points, name this constant representing a chemical system where the forward and reverse reactions have the same rate.

ANSWER: equilibrium constant [or K; accept stability constant, association constant, dissociation constant, or binding constant]

<Silverman>

5. A civil war in this kingdom was ended by the Treaty of the Bulls of Guisando. A native of this kingdom terrorized her daughter-in-law Marguerite of Provence and twice served as Regent of France while her son, Louis IX, was on crusade. The Trastamara dynasty once ruled this home of Queen Blanche, whose populace revolted against Charles V in the War of the Comuneros. This kingdom was added to Navarre under Sancho the Great before winning the War of the Three Sanchos. (*) Avila and Valladolid were cities of this kingdom, which was often joined with nearby Leon and produced a ruler who was advised by Tomas de Torquemada. The standard dialect of modern Spain is named for, for 10 points, what Spanish kingdom whose queen Isabella I united it with Aragon?

ANSWER: Kingdom of Castile [or Castilla or Crown of Castile or County of Castile; also accept Castile -Leon]

<Bentley>

6. Early in this work, the protagonist quotes the work of Professor Simon Newcomb to the Medical Man and the Provincial Mayor and argues with Filby over the existence of an "instantaneous cube". This novel's protagonist finds a locked structure topped by a giant sphinx, which turns out to be connected to the Palace of Green Porcelain. After arriving late for his own dinner party, this novel's protagonist produces two unusual (*) flowers to prove the veracity of his tale. Its protagonist is saddened to see the sun dying and the Earth growing cold after escaping from a place where Weena dies in a forest fire while being pursued by the Morlocks. For 10 points, name this H. G. Wells novel in which the Traveller goes to the distant future.

ANSWER: *The* Time Machine

<Bentley>

7. A series of recordings by Joshua Rifkin fueled a revival of this composer's works in the 1970's. The style of music he pioneered inspired such composers as Brun Campbell and James Scott. Louis Chauvin provided two strains for this man's work "Heliotrope Bouquet". He reworked his most famous work into a piece titled for a "Gladiolus". His piece (*) "The Weeping Willow" was one of few not published for him by John Stark. His pieces are usually in a slow 2/4, with the left hand alternating between bass octaves and chords while the right hand plays a syncopated melody. His most famous work might have been named for a black club in Sedalia, Missouri. For 10 points, name this American composer of such Ragtime classics as "The Entertainer" and the "Maple Leaf Rag".

ANSWER: Scott Joplin

<Chonai>

8. This man namesake conjecture states that a monopoly cannot sell above marginal cost since consumers will usually wait for the lowest prices. This economist used the case of *Sturges v. Bridgman* to illustrate how tort damages should be viewed as a bilateral problem. This man's best known conjecture was first named for him in George Stigler's *The Theory of Price*. This man's namesake theorem allows initial allocation of property rights to be ignored when arriving at mutually beneficial solutions and was first outlined in "The (*) Problem of Social Cost". For 10 points, name this Nobel Prize winning economist whose namesake theorem states that, given no transaction costs, bargaining will efficiently deal with the problem of externalities.

ANSWER: Ronald Harry Coase

<Bentley>

9. In January 2013, this leader's party ended its alliance with Christine Millne's Greens. In 2012, this person was asked to resign by MP Darren Cheeseman following revelations that she had lied about only deciding to run for leadership the day before the vote and had in fact written her victory speech two weeks beforehand. She has called for her country to transition to a republic at the end of (*) Elizabeth II's reign, and, despite publicly declaring herself an atheist, she opposes same-sex marriage. In October 2012, she engaged in a much-publicized debate over sexism with Liberal Party leader Tony Abbott. This frequent rival of Kevin Rudd for leadership of the Labor Party is, for 10 points, what current prime minister of Australia?

ANSWER: Julia Gillard

<Weiner>

10. In one recent programming language edition, these pieces of data can be weak, shared, or unique. PRAM parallel algorithms often simplify algorithms by using a jumping technique named for these entities. These entities are called (*) "wild" when they have not been properly initialized. Arithmetic on these entities can be used to access different indices of an array. These objects are returned after successful calls to the malloc function. In C, these objects can be created by using the ampersand operator to get the address of another variable. When these entities refer to objects that have been deallocated, they're called dangling. For 10 points, name these entities, often dereferenced with an asterisk, that stores references to objects in memory.

ANSWER: Pointers [prompt on "address"]

<Bentley>

11. This composer's use of "double variation" form can be seen in the fifth of six string quartets he dedicated to Johann Tost and in his *Variations in F minor*. One of his pieces includes a set of variations on a hymn that would later become the *Deutschlandlied*. Fugal finales end three of his six Opus 20 "Sun" string quartets, while his Opus 76 Erdödy string quartets includes one nicknamed the (*) "Emperor". One of his symphonies, in D major, derives its nickname from a "ticking" string and bassoon *ostinato*. Another symphony by him derives its names from an unexpected fortissimo dominant chord and timpani thwack during its slow movement. For 10 points, name this Austrian composer of the "Clock" and "Surprise" Symphonies.

ANSWER: Franz Joseph Haydn

<Lawrence>

12. Two answers required. Four pre-Dreadnoughts owned by one of these two countries docked at the other's port city and began running amok in its red light district, triggering an 1886 riot. The Lytton Report detailed one conflict between these countries, who exchanged the Pescadores in an 1895 treaty after one of them destroyed a fleet created by the other in the Self-Strengthening movement, the (*) Beiyang Navy. A staged railroad bombing was used to trigger war between these two countries in the Mukden Incident. Manchukuo was established by one of these countries as a puppet state for the other in Manchuria. One of these countries perpetrated the Rape of Nanking against the other. For 10 points, name these two Asian countries led from Beijing and Tokyo.

ANSWER: People's Republic of China and Japan [accept Nihon or Nippon for Japan; accept Zhongguo for China; accept answers in either order]

<Bentley>

13. In this play, a woman angrily conjugates the Latin verb "to love" after her husband tells her he loves her. An eccentric character in this play obsessively pours perfume on his chest and hands. In its third act, one character mortgages a house to pay his gambling debts on the advice of his wife, a domineering former maidservant who torments the servant Anfisa and has an affair with Protopotov. The Baron (*) Tuzenbach is killed in a duel by Solyony in the fourth act of this play, which opens at a name-day celebration attended by Chebutykin and the other soldiers. After Captain Vershinin departs, the title characters give up on their dream of one day returning to Moscow. For 10 points, name this Chekhov play about Olga, Masha, and Irina Prozorova.

ANSWER: Three Sisters [or Tri sestry]

<Gupta>

14. One class of these substances are all derivatives of thebaine, and Salvinorin works as an antagonist to one of these substances' receptors. The substantia gelatinosa contains several receptors for these substances, which are released from the periaqueductal gray in the midbrain. These substances bind to namesake delta, kappa, and mu receptors. Naloxone and naltrexone can reverse the effects of overdose of these substances, which is fatal via respiratory (*) depression. Endogenous peptides that mimic these substances include dynorphins, enkephalins, and endorphins. This class of substances takes its name from alkaloid products of the poppy. For 10 points, name these substances which include heroin and morphine, which are often used as painkillers.

ANSWER: opioids [or opiates; accept endorphins, dynorphins, or enkephalins before mention; prompt on "analgesics" or "painkillers"]

<Mukherjee>

15. Ritual objects in this tradition include iron tools called "warriors" and cement images of a head with 101 names for the 101 paths he travels. Converts to this faith cover their heads and bodies in white clothes for a year. A ritual in this faith likens divine presence to the mounting of a horse. Adherents show their loyalties by the color of bead necklaces, and gather in holy houses called *ilé*. This faith's protector of rain and (*) love, Ochun, is also called Our Lady of Charity. Like other faiths derived from the Yoruba, this faith that sued a Florida suburb venerates orishas. For 10 points, name this faith that can legally perform chicken sacrifice, an Afro-Cuban faith whose spirits are often seen as Catholic saints.

ANSWER: Santeria [or Regla de Ocha; or Regla de Lukumí; accept Yoruba religion until "Yoruba" is read and prompt on it thereafter]

<Jackson>

16. In a Jan Steen painting showing a quarrel over this activity, a man in blue extends his knife at a man who is being restrained by a woman. Two raftsmen sit on a bench and engage in this activity in a George Caleb Bingham painting. Four pipes hang on the wall of a painting where three men partake in this activity, which is one of three scenes of people engaged in this activity by (*) Paul Cezanne. A backgammon table rests to the left of people partaking in this activity in a painting where a man with a glove holds up three fingers to signal to a confederate who has a pink flower in his cap. For 10 points, name this activity in which a man cheats in a Caravaggio painting by storing a six of clubs behind his back.

ANSWER: playing cards [or playing card games; accept more specific answers like playing poker or cheating at card games]

<Bentley>

17. One of this author's poems dubs the title city a "morgue between Paris and Rome" and claims "Perfection is terrible, it cannot have children". Another of this author's poems declares "Thirty years now I have labored to dredge the silt from your throat" and describes how "a blue sky out of the Oresteia arches above us". The speaker is "at one with the drive into the red eye, the cauldron of morning" in the title poem of her second collection, which also contains "The (*) Munich Mannequins". This author of "The Colossus" claimed that "every woman adores a Fascist" in a poem whose title character is told "You do not do, you do not do". For 10 points, name this Confessional poet who wrote *Ariel*, "Daddy", and *The Bell Jar* before her 1963 suicide.

ANSWER: Sylvia Plath

<Bentley>

18. These particles are created by the breaking of a G gauge group's symmetry in a model developed by 't Hooft and Polyakov, and they are equivalent to a dyon with no charge. The first solution to the Yang-Mills field equation was one of these entities named for Wu and Yang. Before joining CDMS, Blas Cabrera used a SQUID to observe one of these particles on Valentine's Day, 1982. The (*) MoEDAL experiment at the LHC looks for these particles. These particles are produced in large quantities at the GUT scale, but inflation explains why their density is low. They were first postulated by Paul Dirac and would necessitate a modification of Gauss' law of magnetism if discovered. For 10 points, name these hypothetical particles which only a north or south end.

ANSWER: magnetic monopoles

<Nutter>

19. A Holy Roman Emperor with this name signed the Peace of Vasvar, which triggered the Magnate Conspiracy in Hungary. That ruler was heavily influenced by Johann Ferdinand Portia and fought against France in the War of the League of Augsburg during his five-decade rule. Another monarch of this name refused to flee the country after his forces were surrounded at the Leie River, leading to a post-war dispute over his supposed (*) Nazi collaboration. An earlier ruler with this name was the subject of the scathing Casement Report, which detailed how his Force Publique cut off the hands of African rubber workers. That man sent Henry Morgan Stanley to claim territory that became the Congo Free State. For 10 points, give this name of the first Belgian emperor.

ANSWER: Leopold

<Bentley>

20. This man went straight east to claim valley land after being given a choice to go north or south, as represented by another man's left and right hands. A small force of 318 troops rescued this man, who was kidnapped by king Chedorlaomer of Elam in the chaos after five cities fought at the Vale of Siddim. This father of Ammon escaped to Zoar, where he became the ancestor of the (*) Moabites. He welcomed a pair of men into his home and watched as they blinded a mob with their angelic powers. This son of Haran was plied with wine and seduced by his own daughters after his wife looked backwards and became a pillar of salt. For 10 points, name this righteous man who escaped Sodom and Gomorrah with his uncle Abraham.

ANSWER: Lot

<Jackson>

21. It's not the brain, but median forms amyloids in this structure in one disease, and one pathology of this organ is classified into Stanford A or B types depending on extent. During embryologic development this structure arises from the fourth left pharyngeal arch. A pathological narrowing of this structure occurs in Turner's syndrome and causes rib notching. This structure contains a large amount of elastin in its (*) tunica media. People with Marfan's syndrome have a high risk of dissection of this structure, which breaks off into the brachiocephalic, left common carotid, and left subclavian on its arch. This organ is the outlet of the left ventricle through its namesake semilunar valve. For 10 points, name this organ, the largest artery in the human body.

ANSWER: aorta

<Mukherjee>

22. One man in this work interrupts with a lion-like roar to ask for clarity and accuracy, startling a group of friends on the day of a sacred horse race. Another character argues that the tyrant is the worst of slaves, being a slave to his passions. This work describes four points, representing reflections, physical objects, abstractions, and ideas, at increasing intervals on a divided (*) line, and argues that appetitive, rational, and spirited parts exist in the soul. Its first book features the strength-loving Thrasymachus, while later on Glaucon brings up the ring of Gyges and is told about the Forms via the allegory of the cave. For 10 points, name this dialogue about justice, which philosopher-kings seek to maximize by ruling Plato's ideal society.

ANSWER: Republic [or Politeia]

<Jackson>

23. The speaker of one of his poems declares "I'll plunge my head, enamored of its pleasure, In this black ocean where the other hides". This author of "Her Hair" ended a poem with the line "There, there is nothing else but grace and measure; richness, quietness and pleasure". This author of "Invitation to the Voyage" described the title figure as "the wisest and fairest of the Angels ... betrayed by destiny and deprived of praise" in "The (*) Litany of Satan". A poem dedicated to "You-- hypocrite Reader-- my double-- my brother!" opens one of his collections, which critiques the work of Baron Hausmann in "Parisian Scenes" and contains sections like "Wine", "Revolt", and "Spleen and Ideal". For 10 points, name this French poet of *The Flowers of Evil*.

ANSWER: Charles Pierre Baudelaire

<Bentley>

24. This campaign elevated Thomas Morosini to his highest position. A tournament held by Theobald III of Champagne was the genesis of this campaign, support for which was drummed up by Fulk of Neuilly. Its objectives changed after Philip of Swabia met with its leaders like Louis I of Blois and (*) Boniface of Montferrat at Zara. This campaign was called by Pope Innocent III, who objected to a plan proposed by Enrico Dandolo, the Doge of Venice, which would have allowed its participants to pay off their debts. Emperor Alexius III was deposed as a result of this campaign, which culminated in the decidedly un-Christian sack of Constantinople. For 10 points, name this crusade which followed the "Kings Crusade."

ANSWER: Fourth Crusade

<Bentley>

1. This man served as head of the Republican National Committee from 1971 until 1973 and later succeeded Howard H. Baker as the Republican Majority Leader in the Senate. For 10 points each:
[10] Identify this former Kansas senator. He was defeated in a presidential bid with running mate Jack Kemp.

ANSWER: Robert Joseph Semore “Bob” **Dole**

[10] In 1996, Bob Dole lost to Bill Clinton by around 9 percentage points. This third party candidate, a Texas billionaire who also ran in 1992, received 8.4% of the popular vote.

ANSWER: (Henry) Ross **Perot**

[10] Like Dole, this Democrat won the 1988 Iowa Caucus but lost the eventual nomination. This future Majority Leader ran a notable ad attacking Korean tariffs on US cars.

ANSWER: Richard Andrew “Dick” **Gephardt**

<Bentley>

2. This man frequently made his wife Annette sit down for lengthy portrait sessions, and he designed the set for the premiere of *Waiting for Godot*. For 10 points each:

[10] Identify this artist who combined the bodies of a woman and a praying mantis in his depiction of a rape, *Woman with her Throat Cut*. He sculpted a series of emaciated-looking bronzes, one of which became the most expensive sculpture ever sold at auction.

ANSWER: Alberto **Giacometti**

[10] Although born in Switzerland, Giacometti was raised in this country. This country was home to Futurists like Umberto Boccioni and Giacomo Balla.

ANSWER: **Italy**

[10] In 1926, Giacometti experimented with a composition that exemplified this art movement. Alexander Archipenko and Raymond Duchamp-Villon created many sculptures in this style, as did Georges Braque.

ANSWER: **Cubism**

<Bentley>

3. Give these Scottish geographic terms, for 10 points each:

[10] Eriboll is a sea-inlet example of these features; the better-known freshwater ones include Ness, the supposed home of a legendary monster.

ANSWER: **lochs** [accept **Loch Eriboll** or **Loch Ness**]

[10] Loch Eriboll is connected to the Pentland one of these inlets. The Solway one was the original western terminus of Hadrian's Wall.

ANSWER: **firths** [accept **Pentland Firth** or **Solway Firth**]

[10] A small farm in the Scottish Highlands is often known by this term. John McPhee wrote a book about their owners and the laird who ruled the island of Colonsay.

ANSWER: **crofts** [accept **crofters** or *The **Crofter and the Laird***]

<Hoppe>

4. This man was given the title of Duke of Friedland following a campaign he led against Venice. For 10 points each:

[10] Identify this general who was killed by Walter Devereux after issuing the Second Pilsen Declaration in 1634. He lost the Battle of Lutzen.

ANSWER: Albrecht Wenzel Eusebius von **Wallenstein** [or Albrecht von **Waldstein** or Albrecht Václav Eusebius z **Valdštejna** or Albrecht Václav Eusebius z **Valštejna**]

[10] General Wallenstein led Hapsburg troops during this lengthy conflict, ended by the Peace of Westphalia.

ANSWER: **Thirty Years War**

[10] Wallenstein was charged with treason by this Holy Roman Emperor. This ruler issued the 1629 Edict of Restitution which angered Protestants by making them return confiscated property to the Catholic Church.

ANSWER: **Ferdinand II**

<Bentley>

5. This school sought objective moral standards called *fa*, and followed ten doctrines such as “Thrift in Funerals” which were laid out in ten triads of essays. For 10 points each:

For 10 points each:

[10] Name this Chinese school of thought which was opposed to Confucianism for its lack of concern with filial piety. It was wiped out by Legalism.

ANSWER: **Mohism** [or **Mojia**]

[10] The Mohist theory of “impartial care” is often translated as the “Universal” type of this emotion, which is discussed drunkenly in Plato’s *Symposium*.

ANSWER: **love** [or jian **ai**; or **eros**]

[10] The *Mozi* compilation is this type of document, compiled by the students of Master Mo and not meant for publication. Scholars believe that Aristotle’s surviving writings are also of this instructional type.

ANSWER: collection of lecture **notes** [or collection of **lectures**; or transcripts of **classes**; accept any answer which indicates that the text summarizes the words delivered by an instructor who was speaking in person]

<Jackson>

6. He developed a namesake form of backscattering spectroscopy to interpret the most famous result named for him. For 10 points each:

[10] Name this physicist who designed an experiment which demonstrated the tiny size of the nucleus, his gold foil experiment.

ANSWER: Ernest **Rutherford**

[10] Rutherford’s experiment disproved this model of the atom proposed by J. J. Thomson, in which electrons are suspended in a positive cloud of charge, as in the namesake dessert.

ANSWER: **plum pudding** model

[10] The experiment was actually performed by two students of Rutherford. One developed a law for alpha particle decay with John Mitchell Nuttall, while the other became a professor in his native New Zealand. Name either.

ANSWER: Hans **Geiger** or Ernest **Marsden**

<Eltinge>

7. All definitions of this concept exclude Baha'i, since that faith emerged after Muhammad, and Persian dynasties varied on whether Zoroastrians count as this type of person. For 10 points each:

[10] Name this class in Islamic society, the set of non-Muslims who, in contrast to infidels, retained some freedoms because they also believe in the Abrahamic god.

ANSWER: **People of the Book** [or **Ahl-al-Kitab**; or **dhimmi**; or **zimm**]

[10] *Zakat*, the pillar of Islam mandating this activity, is replaced for People of the Book by the *jizya* tax. The standard amount for the *zakat* type of it is 2.5 percent of one's income.

ANSWER: giving to the **poor** [or **charity**; or **alms**-giving; or **donation** to the poor]

[10] Many People of the Book converted by saying this phrase in front of two Muslim witnesses when their tax got too burdensome. Belief in this phrase is the first pillar of Islam.

ANSWER: the **Shahadah** [or as-**sahada**; or "**There is no god but Allah**, and Muhammad is his messenger"; or "**la ilaha illa l-Lah**, Muhammad rasulu l-Lah, wa Aliyyun waliyyu l-Lah"; be lenient and accept answers such as "**There is no god but God**" if they give an English translation]

<Jackson>

8. This poem's narrator "sat all morning in the college sick bay" and is later embarrassed by "old men" who tell him they are sorry for his trouble. For 10 points each:

[10] Name this poem about the death of the poet's younger brother, who "lay in the four foot box as in his cot", an image which prompts the speaker to muse "A four foot box, a foot for every year."

ANSWER: "**Mid-Term Break**"

[10] This Irish Nobel Laureate wrote the collections *The Spirit Level* and *Death of a Naturalist*, the latter of which includes "Mid-Term Break" and "Digging."

ANSWER: Seamus **Heaney**

[10] Heaney won his second Whitbread prize for his 1999 translation of this epic poem about a warrior who is slain by a dragon fifty years after killing Grendel and Grendel's mother.

ANSWER: **Beowulf**

<Mehigan>

9. The p-adic metric provides one way to complete this set. For 10 points each:

[10] Name this set, of which the real numbers are another completion. This set contains all numbers that can be written as finite fractions of integers.

ANSWER: **rational** numbers [or **Q**]

[10] One consequence of some p-adic metrics is that this infinite series, in which the *n*th term is "1 over *n*," converges in p-adic metric spaces.

ANSWER: **harmonic** series

[10] The rational numbers have this property in the real numbers. A subset of a topological space has this property if every point in the space belongs in the subset or is a limit point of the subset.

ANSWER: **dense**

<Bailey>

10. The name for this movement was coined by the author of "Notebook of a Return to My Native Land" and *The Tragedy of King Christophe*. For 10 points each:

[10] Identify this African literary movement whose founding members included Aime Cesaire and Leon Damas.

ANSWER: **Négritude**

[10] The Négritude movement was primarily composed of African authors who wrote in this language, also used by Albert Camus to write *The Stranger*.

ANSWER: **French** [or la langue **française**; or le **français**; or **francophone** writers]

[10] Future Senegalese president Leopold Senghor called this author of *Banana Bottom* "the true inventor of Negritude". Latnah and Bugsy hang around Marseilles in this author's novel *Banjo*.

ANSWER: Claude **McKay** [or Festus Claudius **McKay**]

<Bentley>

11. Answer these questions about the myth of Sisyphus, as in the actual Greek myth, for 10 points each.

[10] Sisyphus's punishment is to push one of these objects uphill in Tartarus forever.

ANSWER: a **boulder** [or **rock** or **stone**]

[10] Sisyphus's crime was stopping this phenomenon from happening by tying up the god of it in his own chains. In the *Iliad*, the god of this phenomenon carries Sarpedon's corpse away along with his brother Sleep.

ANSWER: **death** [or **dying**; accept **Thanatos**]

[10] Zeus turned these creatures into people on the island of Aegina, after whisking a namesake woman there who Sisyphus pranked by alerting Aegina's husband. These creatures thereby became elite warriors under Aeacus.

ANSWER: **ants** [prompt on "Myrmidons"]

<Jackson>

12. Answer the following about Edmund Burke, for 10 points each.

[10] Burke denounced what he saw as mob rule in his "Reflections" on this event. This event saw the toppling of the ancien regime and began with the storming of the Bastille.

ANSWER: The **French Revolution** [accept all reasonable equivalents]

[10] Burke was one of the lead prosecutors in the impeachment trial against Warren Hastings, the first man to serve in this colonial post. One of the final men to serve in this post was Louis Mountbatten.

ANSWER: **Governor-General** of **India** [or **Viceroy** and Governor General of **India**]

[10] Burke had a complicated relationship with this man, the leader of the radical "New Whigs." This enemy of William Pitt the Younger and George III was noted for his support for American independence.

ANSWER: Charles James **Fox**

<Bentley>

13. This law relates the force between two charged particles to k sub e and the product of their charges. For 10 points each:

[10] Name this fundamental electrostatic law, which has a constant equal to 1 over 4 times pi times epsilon naught.

ANSWER: **Coulomb's** law

[10] To find the force generated on a point charge from a group of other point charges, this principle is used. It basically says you can add the vectors for the force from each charge to find the resultant force.

ANSWER: principle of **superposition**

[10] Problems in electrostatics can often be solved by using this method. In it, more charges are placed symmetrically to the original charges to satisfy the boundary conditions.

ANSWER: method of **images** [accept other answers that mention **image** charges]

<Nutter>

14. This present-day country was home to the Shiré Highlands, and the United Democratic Front of Bakili Muluzi helped end its long period of one-party rule. For 10 points each:

[10] Identify this landlocked African nation, once home to the Maravi Confederacy. It used to be called Nyasaland.

ANSWER: Republic of **Malawi**

[10] This Scottish missionary wrote about the impact of slavers from Zanzibar on Malawi during his many explorations of the region. He was “found” by an 1871 expedition led by Henry Morton Stanley.

ANSWER: David **Livingstone**

[10] Malawi gained its independence under this man, who faced a rebellion from his former minister Henry Chipembere. He ruled the country from 1963 until 1994.

ANSWER: Hastings Kamuzu **Banda**

<Bentley>

15. A channel that conducts this ion is mutated in the shaker phenotype, and this ion is responsible for setting the resting membrane potential. For 10 points each:

[10] Name this positive ion that is predominant in the intracellular space, and which is exchanged for sodium in a membrane pump.

ANSWER: **potassium**

[10] Blood levels of potassium are controlled by this hormone, which is released from the adrenal cortex by the action of the renin-angiotensin system.

ANSWER: **aldosterone**

[10] Aldosterone increases the activity of sodium channels in this part of the nephron, which connects the loop of Henle and the collecting duct.

ANSWER: **distal convoluted tubule** [accept **distal straight tubule** or **distal tubule** or **DCT** or **DST** or **DT**; prompt on "kidney" or "nephron"; prompt on partial answer]

<Mukherjee>

16. In this painting, a small cave is visible in an outcropping of rock from the sea. For 10 points each:

[10] Name this painting in which a peasant plows his field in the lower-left, unaware of the pair of legs sticking out from the sea below.

ANSWER: **Landscape with the Fall of Icarus**

[10] *Landscape with the Fall of Icarus* is believed to be a copy of a work by this Flemish artist of *The Peasant Wedding Feast* and *Hunters in the Snow*.

ANSWER: Pieter **Bruegel** the Elder [do not accept or prompt on "Bruegel the Younger," "Jan Bruegel," etc.]

[10] The title characters of this Bruegel painting are transforming into fish, butterflies, and bizarre hybrid-animal-things as they are beaten down in battle by St. Michael.

ANSWER: *The **Fall of the Rebel Angels***

<Rosenberg>

17. This collection contains four so-called "quaternions" consisting of orations by "The Four Elements," "The Four Humors of Man," "The Four Ages of Man," and "The Four Seasons." For 10 points each:
[10] Name this poetry collection which also contains "To My Dear and Loving Husband". Its author referred to in a later poem as "Thou ill-formed offspring of my feeble brain".

ANSWER: *The Tenth Muse Lately Sprung Up in America* [or *The Tenth Muse, lately Sprung Up in America, By a Gentlewoman in those parts*]

[10] *The Tenth Muse Lately Sprung Up In America* was written by this American poet of "The Author to Her Book", the first female writer to be published in the American colonies.

ANSWER: Anne Bradstreet [or Anne Dudley]

[10] In a later poem, Bradstreet proclaims "The world no longer let me love. My hope and treasure lie above." after watching this disastrous event, which occurred on July 10, 1666.

ANSWER: the burning of her house [accept obvious equivalents that mention a house and some variant of fire; accept "Verses upon the Burning of our House"]

<Chonai>

18. This composer first gained notoriety for his *Variations on "Là ci darem la mano"*. For 10 points each:
[10] Name this composer of the "Heroic" *Polonaise* and the "Revolutionary" *Etude*, all of whose works include the piano.

ANSWER: Frédéric Chopin

[10] Chopin composed dozens of these Polish dances in triple time, which typically place an accent on the second or third beat.

ANSWER: mazurka

[10] Chopin invented this genre of piece for solo piano and composed four examples of it, all of them in 6/4 or 6/8 time. It is often claimed they were inspired by the poet Adam Mickiewicz, though critics disagree to what degree this is the case.

ANSWER: ballade

<Rosenberg>

19. Many of her later works were collected in *At the Same Time*, and she explored the AIDS crisis in her short story, "The Way We Live Now". For 10 points each:

[10] Identify this critic who discussed pop culture and its relation to the gay community in her essay, "Notes On 'Camp'".

ANSWER: Susan Sontag

[10] Sontag wrote an influential 1977 set of essays on this artistic medium. Artists who gained their fame in this medium include Henri Cartier-Bresson and Ansel Adams.

ANSWER: photography

[10] One essay in Sontag's *Against Interpretation* compares this man with Antonin Artaud and Jean-Paul Marat. He was pardoned from a death sentence for sodomy in 1772, and wrote sexually explicit works like *Justine* and *The 120 Days of Sodom*.

ANSWER: Marquis de Sade [or Donatien Alphonse Francois de Sade]

<Bentley>

20. This play's title character attempts to prevent Kaia Fosli from marrying his rival Ragnar Brovik and becomes enticed by a character who had appeared in the author's earlier play *The Lady from the Sea*. For 10 points each:

[10] Identify this play in which Hilda Wangel convinces the architect Halvard Solness to hang a garland from the top of a church spire, with fatal results.

ANSWER: *The **Master Builder*** [or ***Bygmester Solness***]

[10] *The Master Builder*, like *Little Eyolf* and *John Gabriel Borkman*, is among the late "portrait plays" by this Norwegian playwright of *A Doll's House*.

ANSWER: Henrik Johan **Ibsen**

[10] In this play, Ibsen's last, the sculptor Arnold Rubek attempts to rekindle his artistic relationship with his former model Irena, but they end up dying in an avalanche.

ANSWER: ***When We Dead Awaken*** [or ***Når Vi Døde Vågner***]

<Carson>

21. Answer some questions about airplane wings, for 10 points each:

[10] Airplanes are supported by this force. It is generated, via the Bernoulli Effect, when air flows more quickly over the top of an airplane's wing, resulting in a reduction in its pressure.

ANSWER: **lift**

[10] This phenomenon is frequently seen around airplane wings. It occurs due to the fall in pressure as the air accelerates over the wing, which, in turn, causes a reduction in temperature.

ANSWER: **condensation**

[10] The lift on an airplane can be adjusted by changing this quantity, and lift is maximized at its critical value, typically around 15 degrees. In an airplane, it represents the difference between the direction of the plane's travel and the horizontal.

ANSWER: **angle of attack** [prompt on "AOA" or "alpha"]

<Nutter>

22. He wrote two related collections of short stories, *Lost in the City* and *All Aunt Hagar's Children*, as well as a novel featuring John Skiffington, who employs the patroller Harvey Travis. For 10 points each:

[10] Name this author who won a 2004 Pulitzer Prize for writing about Henry Townsend, a former slave who begins to own slaves himself, in that novel, *The Known World*.

ANSWER: Edward P. **Jones**

[10] A far more romantic vision of the antebellum South is depicted by Margaret Mitchell in this novel about Scarlett O'Hara and Rhett Butler.

ANSWER: ***Gone with the Wind***

[10] John Henrik Clarke edited a volume in which "Ten Black Writers Respond" to this 1967 novel by William Styron, which courted controversy for depicting the title leader of a slave revolt as a sexual deviant.

ANSWER: *The **Confessions of Nat Turner***

<Cheyne>

23. The Lords of this place were appointed by the Council of Ten and had to live in lodges nicknamed "paradiso", "purgatorio" and "inferno". For 10 points each:

[10] Identify this great European shipyard which cranked out galleys in an assembly line-like fashion. Galileo was a consultant to Giacomo Conarini, a commissioner of this shipyard.

ANSWER: The **Arsenale** [or New **Arsenal** or **Arsenale** Nuovo; MODERATOR, ACCEPT BUT DO NOT REVEAL THE FOLLOWING **Shipyard of Venice** or equivalents]

[10] The *Arsenale* constructed the navy of this Italian city, which was ruled by a doge and features prominent canals.

ANSWER: **Venice** [or **Venezia** or **Venexia** or **Venetia**]

[10] The *Arsenale* produced many of the ships used to win the Battle of Lepanto by this illegitimate son of Charles V. He went on to conquer Tunis in 1573.

ANSWER: Don **John** of Austria [or Don **Juan** of Austria or Ritter **Johann** von Österreich]

<Bentley>