1. The title character of this book is instructed to cover his lip and forgo the bread of mourners after his wife dies. Part of this book describes the uselessness of the wood of the vine among the trees of the forest. This book describes how a man eats a scroll, only to find that it tastes like honey. The tradition of merkabah mysticism grew out of an image in this book, of four creatures each bearing the faces of a man, a lion, an eagle, and an ox. Like Revelation, this book contains an apocalyptic passage describing the destruction of Gog and Magog. For 10 points, name this Old Testament prophetic book containing many visions, such as the valley of dry bones.
ANSWER: Book of **Ezekiel**

2. The Purgatoire River flows into this river near the John Martin Reservoir, and this river's namesake navigation system enters it northeast of Muskogee. The Trail of Tears Overlook is located along this river at Fort Smith, and this river is the location of a city that is home to the Phillips Oil "Philcade" and the John Hope Franklin Reconciliation Park. That city on this river was the loction of a 1921 race riot that killed 300 people, as well as Oral Roberts University, and is Tulsa. Another city on this river is located at the foothills of the Ouachita Mountains and is the location of Central High School. For 10 points, name this river that flows through the capital of its namesake state, Little Rock.
ANSWER: **Arkansas** River

3. This locale is the setting for "The Death of Schillinger" and several other stories narrated by Tadek in a book by Tadeusz Borowski. Another author divided its populace into "the Drowned" and "the Saved" in a book whose title translates as *If This Is a Man.* Madame Schachter sees visions of fire before reaching this place in another book. Theodor Adorno argued that "to write a poem after [this place] is barbaric." A hanging boy captivates the attention of Shlomo's son in this place, where Eliezer loses faith and refuses to commemorate Rosh Hashanah. For 10 points, name this place survived by Primo Levi, a setting in *This Way for the Gas, Ladies and Gentlemen* and in *Night,* an autobiographical novel by Elie Wiesel.
ANSWER: **Auschwitz**-Birkenau [prompt on **concentration camp**; prompt on Nazi **death camp**; do not accept or prompt on "Armory Show"]

4. Theodore de Bry's *Grand Voyage* engravings depict many people of this profession. Many members of this profession were killed in the Siglo XX (twenty) massacre. This profession was paid a fee called the pepena and illegal movements made by members of this profession were called kajcheos. Members of this profession worked to pay the *Real Situado* and the *quinto real*. These people frequently used the patio process. Workers in this profession were given the name *mitayos* as a result of being subjected to the *mita* system in the viceroyalty of Peru. For ten points, name this profession that worked in places like Huancavelica and Potosi, people who brought mercury and silver out of the ground.
ANSWER: **miner**s [or **mining**; accept specific types such as silver **miner**s]

5. The consideration of a space homotopy equivalent to these things and a homotopy equivalence of these things homotopic to a diffeomorphism is the subject of surgery theory, which is used to classify them in greater than five dimensions. A smooth, compact one of these things of dimension n can be smoothly embedded into the real numbers with dimension two n according to the Whitney embedding theorem, which implies that they have a Riemannian metric. A simply-connected, closed, three-dimensional one is homeomorphic to a sphere according to a famous conjecture. These things are defined by atlases, which are a collection of coordinate charts. For 10 points, name these locally Euclidean topological spaces whose two-dimensional form is a surface.
ANSWER: topological **manifold**s

6. This man's power was the subject of Barton Gellman's Pulitzer winning series of *Washington Post* articles. He was the intended target of the 2007 Bagram Airfield bombing. This man did not serve in Vietnam, explaining that he "had other priorities in the '60s," and he was criticized for giving the one-word reply "So?" to a question about declining public confidence. His one-time chief of staff, Lewis "Scooter" Libby, was charged with leaking CIA information. In February 2006, this man, while quail hunting, accidentally shot Texas lawyer Harry Whittington. As Secretary of Defense, this one-time Halliburton CEO oversaw Operation Desert Storm. For 10 points, name this Vice-President under George W. Bush.
ANSWER: Richard "Dick" **Cheney**

7. According to kinetic theory, this quantity equals the thermal conductivity times two-thirds times mass over Boltzmann's constant, which makes it scale with the square root of mass times temperature. The normal stress on a control volume includes a term equal to two-thirds this quantity, times the divergence of velocity. The Laplacian of velocity is multiplied by a tensor representing this quantity in the Navier-Stokes equations. A non-zero value for this quantity leads to the no-slip condition in boundary layers. This quantity is the slope of a graph plotting shear stress against strain rate; consequentially, it decreases at increasing shear stress for dilatant fluids. It is in the denominator of the Reynolds number. It's constant for Newtonian fluids. For 10 points, name this quantity measured in centipoise, which is roughly the fluid's resistance toward flowing.
ANSWER: **viscosity** [or **kinematic viscosity**; or **dynamic viscosity**]

8. After this man criticizes Idomeneus for "always laying down the law," he is mocked for having a "vile temper." The Athenians named their 9th tribe after this hero, who gives the third and most convincing appeal in the embassy episode. This husband of Tecmessa names his son, Eurysaces, after the shield he uses protect his half-brother in battle. During a war, this brother of Teucer gives Hector a purple sash and receives a sword after fighting him to a draw. In a play by Sophocles, he is entranced by Athena and slaughters a flock of sheep believing they are his rivals. This man goes insane and kills himself after he loses a contest to Odysseus to obtain Achilles' armor. For 10 points, name this king of Salamis who fought in the Trojan War.
ANSWER: **Ajax** the Greater [or Telamonian **Ajax**; or Telamonian **Aias**]

9. Before being crowned ruler, this man mythically received the gift of healing after visiting the Egyptian Temple of Serapis. Josephus wrote that he tested the Dead Sea's buoyancy by throwing people who could not swim into it, shortly after the destruction of Jericho. As emperor, he appointed Tacitus' father-in-law, Agricola, to the governorship of Britain. During this emperor's reign, the mass suicide of rebels at Masada took place at the end of the Great Jewish Revolt. He defeated Vitellius to take the throne and his project of the Coliseum was completed by his successor, Titus. For 10 points, name this final ruler in the Year of the Four Emperors and founder of the Flavian dynasty.
ANSWER: **Vespasian**

10. In the process of crafting a deterministic linear-time algorithm to construct these objects, which has a runtime proportional to the inverse Ackermann function, Bernard Chazelle invented the soft heap. The verification step from Boruvka's algorithm for finding these objects is sometimes used in other algorithms for them. Because the set of forests of a graph forms a graphic matroid, greedy algorithms are very effective at constructing these objects. Constructing one of these objects often relies on finding a light edge that crosses a cut. Two algorithms used to find these objects, which run in big O of edges times log of vertices, are Kruskal's algorithm and Prim's algorithm. For 10 points, name these acyclic subgraphs that connect all the vertices of a graph, with smallest edge cost.
ANSWER: **minimum**-weight **spanning trees** [or **MST**; prompt on partial answer]

11. The protagonist of this short story has a fishing rod called Killall, which scares trout enough to want to jump in his pockets. Another man in this story hits rock bottom when his plowshare crashes on a rock and his horse starts coughing. In this story, Miser Stevens' voice is heard coming out of a handkerchief. A resident of Marshfield partially titles this story, which references a Whittier poem when one character predicts another's future, saying "They will call you Ichabod." In this story, Judge Hathorne presides over a jury of twelve dead men, who rule in favor of Jabez Stone against Scratch. For 10 points, name this story in which a New Hampshire farmer's soul is saved by the lawyering of an American senator, by Stephen Vincent Benet.
ANSWER: "The **Devil and Daniel Webster**"

12. Contemporary philosophers of this concept often analyze the problem of supertasks. After the Other is met in face-to-face encounter, Levinas argued that people grasp this idea in a book contrasting it with Totality. Book III of Aristotle's *Physics* argued that this concept's "actual" form can never arise from its "potential" form. For Kant, the failure of reason to comprehend this idea produces the sublime. Giordano Bruno was burned in part because his non-Copernican cosmology featured a set of worlds with this property. Spinoza held that the one substance of God had a set of attributes with this property. Aristotle wrote that time has this property, but that the space of the universe does not. For 10 points, identify this property which names an argumentative "regress" where no single premise can be found to begin an argument.
ANSWER: the **infinite** [or **infinity**; accept more specific answers such as "**infinite** time" or "**infinite**ly long" or "**infinite**ly many worlds"]

13. A composer born in this modern-day country preferred the name *Fantaisies symphoniques* for his sixth symphony, and produced a double concerto for two string orchestras, pianos, and timpani. A tone poem that depicts the sounding of a hunting horn signaling for the slaughter of men by warrior women was composed by another denizen of this country, who included a high, sustained harmonic E played by the first violin to signify his tinnitus in his string quartet *From My Life.* Another of its composers produced a popular seventh *Humoresque,* and drew on Native American and African-American music for his *New World Symphony.* For 10 points, name this home country of Bohuslav Martinu, Bedrich Smetana, and Antonin Dvorak.
ANSWER: **Czech Republic** [or **Ceska Republika**]

14. During a rainstorm, this film's protagonist tails an old man to a church serving lunch. One character in this film says, "There's a cure for everything except death," in a restaurant scene that constantly cuts to a richer family. In this film, a set of dowry bedsheets is taken to a pawn shop and added to a mountain of bedding so that its protagonist can get a job posting advertising bills. In its final scene, two characters walk off together, crying, into a crowd; shortly before, the father had been mobbed by policemen after jumping on an unattended object, becoming one of the title people. For 10 points, name this Vittorio de Sica film in which Bruno helps his father Antonio recover a stolen vehicle, a masterpiece of neorealism.
ANSWER: The *__Bicycle Thief__* [or *__Bicycle Thieves__*; or *__Ladri di Biciclette__*]

15. In advance of his "sour period," this painter cast a nude against a surprisingly abstract background in his *Torso of a Woman in Sunlight.* This painter depicted a three-year-old boy with uncut hair who is dressed identically to his sister in a portrait commissioned by his benefactor Mademoiselle Charpentier. A seated man picks his teeth and a dancing couple occupies the left of a painting by this man that is set on a Sunday afternoon in Montmarte's "pancake mill." He abandoned Impressionism soon after painting his wife Aline Charigot playing with a dog and his friend Gustave Caillebotte wearing a straw hat on a balcony along the Seine River. For 10 points, name this painter of *Bal du Moulin de la Galette* and *Luncheon of the Boating Party.*
ANSWER: Pierre-Auguste **Renoir**

16. This poem imagines people saying "I'll concentrate more on my work" before asking "Who can speak for the dumb?" The speaker of this poem states that he is made of "Eros and dust." This poem claims that "accurate scholarship" can determine "what huge imago made a psychopathic God," and it mentions "what mad Nijinsky wrote about Diaghilev." The author of this poem wishes to "show an affirming flame," and he later came to dislike its line "We must love one another or die." For 10 points, name this poem beginning, "I sit in one of the dives on Fifty-second Street, uncertain and afraid," which was written by W. H. Auden and titled for the first day of World War II.
ANSWER: "**September 1, 1939**"

17. An ethnography about part of this present-day country used the fall of Bre-X to illustrate "spectacular accumulation" and the formation of "zones of awkward engagement." This present-day country, in which Anna Tsing's *Friction* is set, also was the subject of a book that describes the *abangan*, *santri*, and *priyayi* streams of religion. The term "theatre state" was coined to describe the negara government of a place in this country, whose character was explored in a photographic analysis by Margaret Mead and Gregory Bateson. A study of a culture from this country borrows Jeremy Bentham's term for a game with stakes too high to be rational. The cockfight on one of its islands is the subject of "Deep Play." For 10 points, name this subject of Clifford Geertz's *The Religion of Java.*
ANSWER: Republic of **Indonesia**

18. Fibrosis or infiltration of this tissue causes the appearance of dacrocytes, or teardrop cells. Azathioprine and parvovirus B19 can cause a dangerous suppression of this tissue. One gigantic type of cell found in this tissue undergoes repeated endoreplication to become 32-ploid before fragmenting. Mesenchymal stem cells are found in this tissue, and it is commonly collected via aspiration at the iliac crest, though that doesn't preserve its architecture. In mice, this tissue is commonly ablated using ionizing radiation. Transplantation of this tissue can sometimes cause a beneficial "graft-versus-tumor" phenomenon, and this tissue comes in red and yellow types. For 10 points, name this tissue located in the epiphysis, which is the source of lymphocytes and red blood cells.
ANSWER: bone **marrow**

19. A peasant supporting this group supposedly fed a cow the last remaining grain in his city to trick a besieging force into thinking that the city still had a huge amount of food left. This group established a commune that was derisively nicknamed "the straw city" for its thatched roofs. Amos Cassioli painted some great moments in this group's history, including its foundation by the Oath of Pontida. The mythical Alberto da Guissano led a "Company of Death" that defended this group's battle standard in an engagement that led one of its enemies to strip Henry the Lion of his lands for refusing to support him. Formed in resistance to the Diet of Roncaglia, this alliance signed the Peace of Constance after defeating its greatest enemy at the Battle of Legnano. For 10 points, name this league including Milan and Venice that resisted Frederick Barbarossa's attempts to control northern Italy.
ANSWER: **Lombard** League [or Lega **Lombarda**]

20. This character is laughed at after trying to express "mankind's essential illness" by asking, "What's the dirtiest thing there is?" After helping some children pick fruit, this character admires the butterflies and flowers in a secluded clearing. This character faints after imagining that he is "in the mouth" of a figure who calls him a "poor, misguided boy." This character is killed amid shouts of "Cut his throat! Spill his blood!" after bringing news about a dead parachutist, and his body is surrounded by glowing fish as it floats out of the lagoon. For 10 points, name this Christ-like boy who is murdered by Jack's followers in William Golding's *Lord of the Flies*.
ANSWER: **Simon**

21. Solutions to this equation for a periodic system can be combined according Bloch's theorem. One method of solving this equation for an N-body system is to select a trial function and then use the variational principle in order to iterate the choice. Another method to solve this equation decomposes a Hamiltonian into a zeroth-order part and adds a quantity V, which is the perturbation theory named for Rayleigh and this equation's namesake. Solvable with the Hartree-Fock method, it can be written as E psi equals H psi in its time-independent formulation, and solving this equation for the hydrogen atom gives orbitals. For 10 points, name this fundamental equation of quantum physics, used to define the wavefunction, that is named for a German.
ANSWER: **Schroedinger** equation

22. A vice-presidential candidate from this party accused a man of having "sold his birthright." That Oregonian, a member of this party, was Joseph Lane. The Indiana residence of another member of this party, Jesse D. Bright, was converted to a hospital after he was deemed treasonous. Another member of this party was dubbed "the worst doughface of them all," though lesser doughfaces from this party included Charles Atherton, the author of the "gag rule." William Yancey led several "Fire-Eaters" belonging to this party who convened in Richmond and nominated William C. Breckinridge as president, dissatisfied with the "Little Giant" who promulgated the Freeport Doctrine. For 10 points, name this fragmented party which lost the 1860 election to Abraham Lincoln.
ANSWER: **Democratic** Party [or **Democrat**s; accept **Southern Democrats** and **Northern Democrats**]

23. In a play set in this country, a man continually recites a poem beginning, "How calmly does the olive branch observe the sky begin to blanch." In that play, Wolfgang, Hilda, and the Fahrenkopfs are Germans in this country who delight in listening to Nazi propaganda songs. In this country, Maxine Faulk runs a cheap hotel, and the defrocked Reverend T. Lawrence Shannon works as a tour guide. It's not the United States, but John Grady Cole and Rawlins find work at a ranch here in a Cormac McCarthy novel. For 10 points, name this country, the setting of Tennessee Williams' play *The Night of the Iguana* and a setting of *All the Pretty Horses,* in which cowboys journey here from Texas.
ANSWER: **Mexico** [or the **United Mexican States**]

1. Name these celebrities who entertained troops during the Vietnam War, for 10 points each.
[10] This ultra-conservative actor and early MPAA president directed *The Green Berets* to drum up support for the Vietnam War. He visited American troops before the conflict escalated.
ANSWER: John **Wayne** [or Marion Mitchell **Morrison**; or Marion Robert **Morrison**]
[10] This other, more famous entertainer who went on tour in Vietnam was known for his 57 tours over 50 years for the United Service Organizations. He was unpopular, since he was pro-war when anti-war sentiment was high.
ANSWER: Bob **Hope** [or Leslie Townes **Hope**]
[10] This black entertainer made a 1972 tour to Vietnam with the USO, but he's best known for financing the Civil Rights Movement, having one eye, and converting to Judaism.
ANSWER: Sammy **Davis** Jr. [or Samuel George **Davis**, Jr.]

2. According to an old joke, a kid asks an old man how to get to this place, to which the man replies "Practice!" For 10 points each:
[10] Name this prestigious classical music venue in Manhattan that was established by a steel mogul.
ANSWER: **Carnegie Hall**
[10] Carnegie Hall was where Daniel Barenboim performed this composer's *Interventions* for his hundredth birthday party. This American composer used a chiasmatic structure for the seven movements of his *Double Concerto* for harpsichord, piano, and two chamber orchestras.
ANSWER: Elliott **Carter**
[10] This Italian-born conductor gave a series of concerts at Carnegie Hall as director of the NBC Symphony Orchestra, in which capacity he premiered Barber's *Adagio for Strings*. Earlier, while conducting Puccini's *Turandot,* he said, "Here the opera ends, because at this point the maestro died."
ANSWER: Arturo **Toscanini**

3. Two men climb trees to get a better view in this building's *Christ Entering Jerusalem.* For 10 points each:
[10] Name this Paduan building that contains a famous 1305 fresco of *The Lamentation* with angels flying around wildly.
ANSWER: **Arena Chapel** [or **Scrovegni Chapel**; or **Cappella degli Scrovegni**]
[10] The Arena Chapel frescoes were painted by this Florentine, who, alongside his teacher Cimabue, is counted among the first artists of the Renaissance.
ANSWER: **Giotto** di Bondone
[10] Vasari related that, later in his life, Giotto demonstrated his skill to the Pope by performing this action with red paint.
ANSWER: drawing a **perfect circle** [prompt on drawing a **circle**]

4. After this action occurs, Cassius wonders if "the persuasion of his augurers" will persuade Caesar not to attend the Capitol. For 10 points each:
[10] Name this famous anachronism that appears in Act 2, Scene 1, of *Julius Caesar*. It serves to interrupt a character's thoughts about assassinating the title character.
ANSWER: a **clock strikes** [or obvious equivalents]
[10] After the clock strikes, this character says "count the clock." Caesar famously asks "et tu?" to this man as he is stabbed by him.
ANSWER: Marcus Junius **Brutus**
[10] This name in the play is shared by both a conspirator and by an innocent poet. Unluckily for the poet, having this name results in him getting torn apart by a mob.
ANSWER: **Cinna**

5. These structures are essentially rings whose multiplicative operation has inverses for all non-zero values. For 10 points each;
[10] Name these constructs from abstract algebra, which satisfy the group relations for both addition and multiplication. Finite ones have an order equal to a power of a prime.
ANSWER: **field**s
[10] These numbers form the only Archimedean complete, totally ordered field. A field extension of these numbers created by adjoining the square root of negative one creates the complex numbers.
ANSWER: **real** number
[10] This mathematician names a "little theorem" which states that every finite domain is a field.
ANSWER: Joseph **Wedderburn**

6. Teenager Peter Fechter was killed while trying to accomplish this action. For 10 points each:
[10] Name this action which Fechter failed to do, prompting a media incident in which Fechter bled to death for an hour while soldiers from two different countries could only watch.
ANSWER: **crossing the Berlin Wall** [or **crossing from East Germany to West Germany**; or anything to indicate an illegal crossing out of East Germany; prompt on **defection**]
[10] Fecther's death occurred at Checkpoint C, the best known crossing point of the Berlin Wall, which the Western Allies referred to using this alliterative first name.
ANSWER: **Charlie**
[10] The 1968 film *The Wicked Dreams of Paula Schultz* depicts an East German woman who crosses the Berlin Wall using this method. In the real world, Sergey Bubka is generally considered the greatest of all time at this activity.
ANSWER: **pole vault**ing

7. This event will be preceded by the Fimbulwinter and take place on the Vigrid Plain. For 10 points each:
[10] Name this event, at which the Norse gods will face off against Surt, Loki, and the monsters under their control. It is the end of the world in Norse mythology.
ANSWER: **Ragnarok** [or the **twilight of the gods**]
[10] At Ragnarok, Surtr will kill Freyr because the latter gave up his magic sword to this servant so that this man would woo Gerd.
ANSWER: **Skirnir**
[10] This servant and confidante of Frigg is, for unknown reasons, the third of three deities that Baldr sends gifts from Hel. In the Merseburg Incantation, she is Frigg's sister who helps her heal a horse.
ANSWER: **Fulla**

8. Name some unusual phenomenon that may or may not be explained by the periodic table, for 10 points each.
[10] This effect is the reason why the most common oxidation states for thallium and lead are plus one and plus two respectively, two lower than the rest of their families. No theory explaining this effect has been fully accepted.
ANSWER: **inert pair** effect
[10] Atomic radius increases when going down and to the left on the table. Pairs of atoms that lie one below and one to the right of each other tend to share similar qualities, and are said to have this relationship.
ANSWER: **diagonal** relationship [accept anything mentioning **diagonal**]
[10] Halogens have a high electron affinity because they like to gain an extra electron due to this rule, which states elements prefer having the namesake number of electrons in their outermost valence shell.
ANSWER: **octet** rule

9. Answer the following about the geography of Antarctica, for 10 points each.
[10] This largest ice shelf of Antarctica is named for the British explorer who discovered it.
ANSWER: **Ross** Ice Shelf
[10] This district is divided into areas such as Sabrina Land and Knox Land. Bordering on Adélie Land, it is claimed by Australia.
ANSWER: **Wilkes** Land
[10] This mountain, which is part of the Ellsworth mountains, is the highest mountain in Antarctica.
ANSWER: **Vinson** Massif

10. Answer these questions about the military tactics at the 1415 Battle of Agincourt, for 10 points each.
[10] At Agincourt, the superior range of this English weapon helped Henry V's troops defeat Charles d'Albret. It was usually slightly taller than a grown man.
ANSWER: **longbow**s [prompt on "bow", etc.]
[10] This segment of the English operation was attacked in the only successful French assault of the battle, commanded by Ysembart d'Azincourt. Upon hearing that this area had been attacked, Henry V executed the French prisoners in his care.
ANSWER: the English **baggage train** [or the English **supply** caravan; accept any answer indicating the part of the English encampment where supplies are stored; prompt on "camp"]
[10] The English set up these devices at an angle to ward off charges from French cavalry.
ANSWER: pointed wooden **stake**s [or **paling**s; or **fence**s; do not accept or prompt on "spears," "lances," or any type of polearm weapon]

11. An alternate version of this law states that stress is equal to Young's modulus times strain. For 10 points each:
[10] Name this law, usually written as F equals negative k x, that is often used to describe the restoring force in springs.
ANSWER: **Hooke**'s Law
[10] Integrating the restoring force over the displacement gives this quantity for a spring as one-half k times the square of the displacement.
ANSWER: elastic **potential energy** [prompt on **energy**; do not accept "kinetic energy" or other wrong answers]
[10] Hooke's Law is only valid below the yield point on a stress-strain diagram; above the ultimate strength on a stress-strain diagram, ductile materials experience this phenomenon before they eventually fracture. Below the ultimate strength, strain hardening occurs.
ANSWER: **necking**

12. The title structure is commissioned by the Ottoman Grand Vizier, who was kidnapped as a ten-year-old Christian boy from the same area. For 10 points each:
[10] Name this novel by Yugoslav author Ivo Andric, whose characters include the suicidal bride Fata. It spans four centuries of history for the town of Visegrad.
ANSWER: The ***Bridge on the Drina***
[10] A mysterious stone mason of this ethnicity is said to haunt the bridge on the Drina after he died building it. Meursault shoots a man of this ethnicity on the beach in Camus's *The Stranger.*
ANSWER: an **Arab**
[10] In *The Bridge on the Drina,* Milan Glasicanin spends most of his time on this activity. In a Dostoevsky novella, Alexey Ivanovich does this activity in the fictional town of Roulettenberg.
ANSWER: **gambling** [or obvious equivalents]

13. This sculptor produced a surprisingly erotic rendition of Genesis 6:2 in his marble group *The Sons of God Saw the Daughters of Men That They Were Fair.* For 10 points each:
[10] Name this New England sculptor who commemorated the Battles of Lexington and Concord with *The Minute Man,* and who created a giant 1920 statue of a seated President.
ANSWER: Daniel Chester **French**
[10] This is the aforementioned President, who sits inside a Greek Doric temple next to a giant Reflecting Pool in his monument on the National Mall.
ANSWER: Abraham **Lincoln**
[10] French also produced *Alma Mater,* a seated statue of Athena with outstretched arms and an owl hidden underneath her cloak. That statue is situated on the steps leading to Low Memorial Library on the campus of this university.
ANSWER: **Columbia** University in the City of New York

14. These two countries recently entered a territorial dispute when one of then moved the Ocean Oil 981 platform towards the other's territory. For 10 points each:
[10] Name these two countries that previously fought a battle over the Paracel Islands.
ANSWER: People's Republic of **China** and **Vietnam** [either order]
[10] China is currently undergoing a dispute over these uninhabited islands with Japan. In 2013, China set up an air defense zone around these islands.
ANSWER: **Senkaku** Islands [or **Diaoyu** Islands; or **Pinnacle** Islands; or **Diaoyutai** Islands]
[10] The Spratleys and the Paracels are within this line of demarcation used by China to note its territories in the South China Sea. It's been criticized for flouting the UN Convention of the Laws of the Sea.
ANSWER: **nine-dotted line** [or **U-shape line** or **nine-dash map** or **Nine-segment line** of the South China Sea or **cow's tongue line** or **nanhai jiuduan xian** or **Duong luoi bo**]

15. Robert Parker completed the unfinished last novel featuring this character, *Poodle Springs.* For 10 points each:
[10] Name this detective who first appeared in *The Big Sleep* and is the most famous character of Raymond Chandler.
ANSWER: **Philip** Marlowe [or Philip **Marlowe**]
[10] This 1944 Chandler essay, which also titles a short story collection, argues for realistic mysteries and severely critiques the works of A. A. Milne and other English authors.
ANSWER: "The **Simple Art of Murder**"
[10] Chandler praised Dashiell Hammett, whose most famous novel describes Sam Spade's quest for a falcon statue created on this island.
ANSWER: **Malta** [prompt on **Maltese**]

16. A man elbows you out of the way while you are entering a convenience store, which makes you think he is rude. For 10 points each:
[10] Since the man is actually a paramedic trying to save a person's life inside, you have just shown a good example of this psychological phenomenon, which makes you think a person's internal disposition was the cause of their behavior rather than the situation.
ANSWER: **fundamental attribution error** [or **FAE**]
[10] This related phenomenon is the belief that if a bad thing happens to a person, then that person must be intrinsically bad, and if a good thing happens to a person, then that person must be intrinsically good.
ANSWER: **just-world** phenomenon [or anything mentioning **just-world**]
[10] The just-world phenomenon is an example of these errors in information processing, which also include the halo effect and the confirmation type.
ANSWER: cognitive **bias**

17. In this play, Colonel Redfern comes by a Midlands apartment to take his daughter Alison away before she loses her baby. For 10 points each:
[10] Name this British play in which Alison returns to her lower-class husband Jimmy Porter, despite the attempts of Helena to wreck their marriage.
ANSWER: ***Look Back in Anger***
[10] John Osborne was among these authors, who took an honest look at the discontentment and socioeconomic issues in post-World War II Britain.
ANSWER: **Angry Young Men** [or **kitchen sink** playwrights; or **kitchen sink** realism]
[10] Another so-called "angry young man," Alan Sillitoe, wrote this short story about Smith, a poor boy who refuses to win a footrace for his juvenile detention center despite his talent.
ANSWER: "The **Loneliness of the Long-Distance Runner**"

18. These events usually take place at shamashanas, and water from the Ganges River is often given to those undergoing this event. For 10 points each:
[10] Name these events, central to Antyesti. Traditionally, *sati* occurred during these events in Hindu society.
ANSWER: Hindu **funeral**s [or Hindu **cremation**s; or equivalents]
[10] Deceased Hindu men are often anointed with this substance, or vibuti, before cremation. Catholics anoint their foreheads with this substance on the first day of Lent.
ANSWER: **ash**es
[10] The Purana named for this deity in Hindu myth gives the most information about funeral rites. This son of Vinata and Kashyapa is the sworn enemy of the *nagas*, his brothers.
ANSWER: **Garuda**

19. This man was variously known as the "People's William" or as "G.O.M.," which stood for either "Grand Old Man" or "God's Only Mistake." For 10 points each:
[10] Name this politician who served four times apiece as Chancellor of the Exchequer and Prime Minister, the archrival of Benjamin Disraeli.
ANSWER: William Ewart **Gladstone**
[10] Gladstone won reelection in 1880 after excoriating Disraeli in a series of foreign policy speeches in this successful political campaign, named for the Scottish district where Gladstone stood as MP.
ANSWER: **Midlothian** Campaign
[10] Matthew Arnold quipped that "Gladstone influences all round him but" this man, who influences Gladstone. This Catholic author of a projected "History of Liberty" is best known for his maxim "Power tends to corrupt, and absolute power corrupts absolutely."
ANSWER: Lord **Acton** [or John Emerich Edward Dalberg-Acton, 1st Baron **Acton**; or Sir John Dalberg- **Acton**, 8th Bt]

20. A species of these animals can suffer from parasitism from Varroa mites, and they can also suffer from Nosema disease. For 10 points each:
[10] Name these insects of the clade *Anthophila*, which live in hives and sometimes produce honey.
ANSWER: **bee**s
[10] Bees communicate the location of food via this behavior, which was elucidated by Karl von Frisch.
ANSWER: **waggle dance** [prompt on "dance"]
[10] So-called "cuckoo" bees practice this form of parasitism, in which the parasite steals food from its target.
ANSWER: **klepto**parasitism

21. These compounds are produced from the reaction of alkylaluminum with titanium tri or tetrachloride. For 10 points each:
[10] Name these catalysts that can link up terminal alkenes such as propylene, and confer tacticity on the product.
ANSWER: **Ziegler**-Natta catalysts
[10] Ziegler-Natta catalysts catalyze the production of these kinds of compounds, which consist of repeating units and are made by step-growth and chain-growth mechanisms. They typically constitute plastics.
ANSWER: **polymer**s
[10] Polyacetylenes, polypyrroles, and polyanilines and their copolymers often have this property, which have a bunch of contiguous Pz orbitals with delocalized electrons that are doped by oxidation.
ANSWER: **conductive** polymer [or word forms; accept things like **they conduct** electricity]