

## Tossups

1. The finale of one of these works by this composer begins with four bars of a second-inversion E diminished seventh chord, played in a dotted rhythm in 2/4 time. The first movement of that one of these pieces by this composer begins with descending and ascending unison arpeggios in F minor in 12/8 time and is marked *Allegro assai*. Another of these works by this composer begins with a long C-minor chord in a (\*) *Grave* (GRAH-vay) tempo and has an A-flat major *Adagio cantabile* theme in its second movement. One that begins with C-sharp triplet arpeggios, in a movement marked *Adagio sostenuto*, was given its nickname by Ludwig Rellstab, who envisioned the title phenomenon over Lake Lucerne. For 10 points, name these works for solo piano that include the *Appassionata*, *Pathetique*, and *Moonlight*.  
ANSWER: piano sonatas by Ludwig Van Beethoven [prompt on partial answers]
2. The winners of this war intended to envelop the loser's army at the Bystrice pocket, but failed. Its loser war followed Gideon von Krismanic's plans to concentrate defensively around Olmutz, but court-martialed him one day before the decisive battle of this war. A side in this war used the *Nordbahn* railroad to transport its troops. Negotiations to end this war began at Nikolsburg and led to a Treaty of Prague, ceding Venice to the victorious side. The battle of (\*) Langensalza was a Hanoverian defeat in it, as well as the first use of the Dreyse "needle gun". General Benedek commanded the losing side in the decisive battle of this war at Koniggratz, and it caused the rise of a North German Confederation led by Prussia. For 10 points, name this central European war in 1866.  
ANSWER: Austro-Prussian War [or Austro-Prusso-Italian War; or Seven Weeks's War]
3. CD81 or CD9-knockout mice do not properly undergo this process. Sir Robert Edwards won the Nobel Prize for developing a way to emulate this process, a key component of which is triggered by the binding of GalT to ZP3. The "calcium bomb hypothesis" explains the increase in cytosolic calcium concentration during this process. The release of cortical granules initiates the "slow block" during this process. A type of cell involved in it undergoes the (\*) acrosome reaction as it approaches the zona pellucida, after which its mitochondria are excluded. Amphibians and fish are among the animals that undergo this process externally; in mammals, it is followed by implantation in the uterine wall. For 10 points, name this process that creates a zygote from the union of a sperm and an egg.  
ANSWER: fertilization [or fecundation; or syngamy; or acrosome reaction until it is read; prompt on "conception"]
4. This philosopher is the alphabetically prior namesake of a problem stating that a proposition can have the same meaning whether it is asserted or unasserted. This philosopher's rebuttal to the ontological argument contends that one cannot claim existence is part of the meaning of God because existence is only a property of the concept of God. This philosopher's idea that the extensions of two concepts are identical only if the concepts themselves are materially equivalent is called his (\*) Basic Law V. In one work, this creator of "Concept Script" explained that though "The Morning Star" and "The Evening Star" are two names for the same object, they have different senses. For 10 points, name this German logician, the author of *Foundations of Arithmetic* and "On Sense and Reference".  
ANSWER: Gottlob Frege [or Friedrich Ludwig Gottlob Frege]
5. One character in this play refuses to translate a novel into English because "it makes out that a supernatural power looks after the so-called good people"; that character is fired by Mrs. Busk for holding "advanced opinions". Another character in this play delivers a speech denouncing the tyranny of the "compact majority" at Captain (\*) Forster's house. The protagonist of this play is betrayed by Aslaksen and Hovstad who promise him the support of *The People's Messenger*; earlier, Morten Kiil had derided the absurdity of his assertion that "small animals" infest the town's water pipes. For 10 points, name this Ibsen play centering on Doctor Stockmann, who is rejected by society after discovering his town's baths are polluted.  
ANSWER: *An Enemy of the People* [or *En Folkenfiende*]

6. **The “Burn Bastion” was a key defensive point during a siege of this city, which General John Nicholson helped take at the cost of his life. An army defending this city was destroyed when camels with flaming pots of oil on their humps scared elephants with blades on their tusks at the Battle of Karnal, routing forces under Muhammed Shah. A sack of this city was permitted when Hemu was pierced in the eye with an arrow and his army disintegrated. After a rumour spread of his death, (\*) Nader Shah sacked this city after a Battle of Panipat. Part of its Kashmiri Gate was damaged during a revolt caused by pig-fat-greased cartridges in Enfield rifles. For 10 points, name this capital of British-controlled India after the Sepoy Mutiny.**  
ANSWER: Delhi [do NOT accept “New Delhi”]
7. **In a novel by this author, a woman plays piano for a traveling caravan of prostitutes while disguised as a homosexual man. That woman created by this author disguises herself as a cowboy named Elias in an attempt to find her lover. One character created by this author is abandoned by La Senora during the Revolt of the Whores. That character helps make fake grenades from Universal Matter to help (\*) Huberto Naranjo rescue his comrades. Another character created by this author is conceived after her mother Consuelo sleeps with a dying Indian gardener. In a novel by this author of *Daughter of Fortune*, the prophetess Clara breaks a nine-year silence to announce that she will marry Esteban Trueba. For 10 points, name this Chilean novelist of *Eva Luna* and *The House of the Spirits*.**  
ANSWER: Isabel Allende [or Isabel Allende Lloná]
8. **Some of this religion’s followers went on one of the earliest-known gluten-free diets to kill their “three corpses.” A popular image shows this religion’s founder smiling at the taste of vinegar that two other men dislike. A group of symbols important to this religion are sets of three horizontal lines distinguished by which lines are (\*) broken or unbroken. This religion uses the “uncarved block” as a metaphor for undeveloped human nature. This religion of the Celestial Masters is symbolized by the Eight Trigrams and epitomized by the “butterfly dream” of one of its leaders. For 10 points, name this religion that values the concepts of *te* and *wu wei*, a Chinese belief system established by Lao Zi.**  
ANSWER: Taoism [or Daoism; prompt on “Tao te Ching”, “Dao te Ching”, “Zhuangzi”, or “Laozi” until “Lao Zi” is read]
9. **This fruit is added to the sauce for Sole Véronique. Since Ancient Roman times, this fruit has been used to produce a syrup called Saba. Portuguese varieties of this fruit include Sercial and Verdelho, and cream of tartar is traditionally made from it. Though crab-apples are sometimes used, unripe versions of this fruit are most commonly used to make verjuice. An alcohol made from this fruit comes in (\*) Oloroso and Amontillado varieties. Dolmades are Greek rolls made by stuffing the leaves of this fruit, and Argentina is known for growing its Malbec variety. Its Concord variety is used to make jelly. For 10 point, name this fruit whose varieties include Syrah and Cabernet Sauvignon and which is grown in vineyards.**  
ANSWER: grapes
10. **The most promising material for these devices is amorphous, is “hydrogenated” to passivate its high density of dangling bonds, and is especially great when paired with an alloy of itself and either germanium or a microcrystalline form. These devices are tested against the AM1.5 standard. The ratio of the area of their I–V curve to the area formed by the intersection of their short-circuit current and open-circuit voltage is the fill factor. Polycrystalline (\*) silicon dominates for these devices due to the bulk of material required. Because they are operated in reverse bias, a current is created when electrons are collected at p-side contacts and holes at n-side contacts due to the impact of a photon with energy greater than the bandgap. For 10 points, name these devices that convert sunlight into electrical energy.**  
ANSWER: thin-film solar cells [or PV cells; or photovoltaic cells; prompt on “p–n (junction)” or “solar panels”]

11. **A monoid with the cancellation property and this property can be embedded into a group via the Grothendieck construction. If two linear transformations are diagonalizable and have this property, then they share an eigenspace. Every finite division ring has this property, and a ring without this property may have unequal left and right (\*) ideals. Every simple group with this property has prime order, and the smallest group without this property is the symmetric group  $S_3$ . Every subgroup is normal for groups with this property, which are known as abelian. For 10 points, identify this property that requires  $A + B = B + A$  for addition.**  
ANSWER: commutativity [or commutative; prompt on abelian until it is read]
12. **This artist used a dark blue velvet curtain as the background of a painting that includes a broken pearl necklace and a discarded hairpin, in case it wasn't clear enough that its nude subjects *just had sex*. This artist's painting of stumbling drunken priests riding a donkey, *Return from the Conference*, was rejected from even the Salon de Refusés. He painted a man with a guitar and knife at his feet, holding a large gun between his legs, in a canvas at whose center is a sleeping (\*) cat and a boy looking up in wonder at a nude model. The worst artistic casualty of the Dresden bombing was his painting of two men in shabby clothes breaking rocks. This artist ruffled feathers by using the scale of a history painting to depict a funeral in a small French town. For 10 points, name this French artist of *A Burial at Ornans*.**  
ANSWER: Gustave Courbet [or Jean Désiré Gustave Courbet]
13. **The protagonist of this novel has a copy of Dostoyevsky's *The Eternal Husband* thrown at him while he is chasing after a speeding car in his neighborhood and simultaneously holding a spoonful of tomato sauce. The protagonist of this novel correctly identifies a freshly shaven man as the rapist of a twelve-year-old girl after confronting him at a park bathroom. A ten-year-old in this novel loses an (\*) eye after his father rear ends a car in their driveway, in which his wife is performing oral sex on another man. While in Vienna, the protagonist's mother writes her bestselling autobiography, *A Sexual Suspect*, which describes how she conceived the protagonist with a disabled Technical Sergeant. For 10 points, Jenny Fields's son is the title novelist in what work by John Irving?**  
ANSWER: *The World According to Garp*
14. **A nobleman from this house instructed his colonial governors to surrender to the British in the Kew Letters after being deposed by a non-AI conspiracy called the Patriots. According to a popular rhyme, another nobleman from this house "stole the glasses" off his adversary with his pirates's capture of the city of Brill. A third leader from this house endured a year of mass flooding in response to a French invasion, the "disaster year." That leader from this house is known as "King (\*) Billy" in Ireland. The founder of this house became the first head of state assassinated by firearm, when he was killed by Balthasar Gerard, and was nicknamed "the Silent." For 10 points, name this house of Dutch stadtholders, including one who became king of England.**  
ANSWER: House of Orange
15. **It is said that the blood of this figure made shrimps red. A myth explains that the sky is sometimes dark because this figure raised it with a poker out of anger. After capturing the smallest mud hen, this figure learned the secret of fire, which he obtains from the fingernails of another deity in a different story. He won his wife by using his phallus to defeat the eel Te Tuna. After his birth, he was wrapped in the hair of his mother (\*) Taranga and thrown into the sea. He died when birds awoke Hina, whom this figure tried to crawl into in order to obtain immortality. This figure used a lasso made of his sister's hair to slow down the sun and the jawbone of his great-grandmother to fish up some islands. For 10 points, name this Polynesian trickster and namesake of a Hawaiian island.**  
ANSWER: Maui [or Maui-tiki-tiki-a-Taranga]

16. In the Merton lifetime portfolio selection problem, the value of this effect due to an increase in the mean of the composite portfolio goes to negative infinity as risk averseness goes to zero. For an economy with two goods, if the cross-price elasticity of demand is positive infinity, then the total effect of a price change is equal to this effect, and if the goods are perfect complements, then this effect is zero. An (\*) inferior good for which this effect is smaller than a conjugate effect is known as a Giffen good. This effect equals the price derivative of the Hicksian demand or, by the Slutsky decomposition, equals the total price effect minus the income effect. For 10 points, identify this effect in which a price change prompts buyers to move from the purchase of one good to another.  
ANSWER: substitution effect
17. Low-coordinate complexes of the monovalent type of this metal aggregate into polymers through an unusual form of bonding explained by relativistic effects. In an electron microscopy staining technique, secondary antibodies attach to colloidal particles of this element. The most common process for extracting this metal adds an excess of cyanide ion is to form a coordination complex. Salts of this element are commonly used to treat rheumatoid arthritis. This neutral element has an electronic configuration oddly ending in (\*) 5d<sup>10</sup> 6s<sup>1</sup>. This is the heaviest element that can be dissolved by a mixture of concentrated nitric and hydrochloric acid known as aqua regia. For 10 points, name this valuable transition metal whose purest alloys clock in at 24 carats.  
ANSWER: gold [or Au]
18. Learned Hand rejected the “abuse theory” for interpreting these laws in a case about “virgin aluminum.” The Hart-Scott-Rodino Act modified one of these laws to allow the action that these laws target under the approval of the Department of Justice. The case *Flood v. Kuhn* upheld the ruling in *Federal Baseball Club v. National League* that these laws do not apply to (\*) Major League Baseball. One of these laws was used to target E.C. Knight until the Supreme Court ruled it could not be applied to manufacturing. The most famous of them was used to break up Standard Oil. For 10 points, identify these laws named after Henry Clayton and John Sherman that aimed to prevent price-fixing by monopolies.  
ANSWER: Antitrust Acts
19. In a tribute to this poem, this poem’s title subject is described as having “moved a poet to prophecies” and having “inspired a bard to win / ecstatic heights in thoughts and rhyme”; that tribute is by Thomas Hardy. This poem’s speaker acknowledges that the subject of this poem has never known “love’s sad satiety.” The speaker of this poem asks the subject “what is most like thee?” and admits that its “presence (\*) showers a rain of melody.” The speaker describes the subject of this poem as having produced “hymns unbidden” like that of a “poet hidden / in the light of thought.” This poem’s title creature is a creator of “profuse strains of unpremeditated art” and is called a “blithe spirit”. For 10 points, name this Percy Shelley poem addressed to the title bird.  
ANSWER: “To A Skylark”
20. Originating the role of one of these creatures is the most famous action of ballerina Antoinetta Dell’Era. In a ballet, a dance for “Grasshoppers and Dragonflies” comes in between two pairs of dances for these creatures, who correspond to the seasons. During a *pas de deux*, one of these creatures dances an “Intrada” with a prince, which is followed by a “Tarantella” for the prince. Stravinsky paid homage to Tchaikovsky in a ballet titled for the (\*) “Kiss” of one of them. One of them named Carabosse interrupts the christening party in the Prologue of Tchaikovsky’s *The Sleeping Beauty*; that ballet also features a “Lilac” one. The most famous of these beings dances to a celesta melody. For 10 points, name these magical beings common in ballets, which include the “Sugar-Plum” one from *The Nutcracker*.  
ANSWER: fairy [or fairies; or fées; or feya; or fairy godmother; prompt on “women”]

## Bonuses

1. This man's government abolished the 1809 Instrument of Government, along with all formal powers of the monarchy. For 10 points each:  
[10] Name this Prime Minister whose steadfast opposition to apartheid have led many to speculate that South Africa may have been behind his 1985 assassination, which still remains unsolved.  
ANSWER: Olof **Palme** [or Sven Olof Joachim **Palme**]  
[10] Olof Palme was a Prime Minister of this largest Nordic country, which retains a strong social-democratic "model" despite extensive privatizations in the early 1990s.  
ANSWER: Kingdom of **Sweden** [or Konungariket **Sverige**]  
[10] Olof Palme was a major promoter of this specifically named policy. This policy was the goal of an organization founded at the Bandung Conference, whose leaders included Josip Tito and Jawaharlal Nehru.  
ANSWER: **non-alignment** [or **Non-Aligned** Movement; or word forms for "alignment"; prompt on descriptive answers, such as "not taking sides in the Cold War"]
2. The Mu'tazili school of this practice was largely refuted by the conservative Ash'ari school. For 10 points each:  
[10] Give this Arabic term for the Islamic practice of seeking theological principles through dialectic, debate, and argument. It also names the revived cosmological argument promoted by William Lane Craig.  
ANSWER: 'Ilm al-**Kalam** [or **Kalam** cosmological argument]  
[10] This Ash'ari scholar is credited with bringing orthodox kalam in contact with Sufi Mysticism. This philosopher wrote *The Incoherence of the Philosophers* as a refutation of Avicenna and al-Farabi.  
ANSWER: **Al-Ghazali** [or **Algazel**; or Abu Hamid Muhammad ibn Muhammad **al-Ghazali**]  
[10] The new, or "Neo-", school of this man's philosophy was popular among early Islamic scholars and was criticized by al-Ghazali. This philosopher, who related Socrates's teachings in dialogues, was the teacher of Aristotle.  
ANSWER: **Plato**
3. Answer the following about techniques in geophysics, for 10 points each.  
[10] This technique invented by the Schlumberger brothers often involves looking for a spontaneous potential to differentiate permeable beds, which could contain oil, and impermeable beds. More generally, it involves continuous measurement of some physical property that varies in a borehole.  
ANSWER: **well logging** [or **borehole logging**]  
[10] The most important technique in seismology uses a controlled source that emits waves that undergo this process and return to geophones to get a geologic cross-section. It's used more often than refraction because its resolution is *much* higher.  
ANSWER: **reflection** seismology  
[10] This ubiquitous field involves obtaining information about regions from a distance, typically using a satellite. It's used to track things happening on the Earth's surface and is a principal application of LIDAR.  
ANSWER: **remote sensing**
4. At a meeting in this town, its preacher, Reverend Burgess, reads nineteen notes aloud, which all say "You are far from being a bad man." For 10 points each:  
[10] Name this fictional town whose allegedly-honest inhabitants all lie to try and get a sack of gold dropped off by a stranger; as it turns out, the sack actually contains lead.  
ANSWER: **Hadleyburg**  
[10] This author of "The Man That Corrupted Hadleyburg" described his own attempts at mining gold in *Roughing It*. He also created the characters Tom Sawyer and Huckleberry Finn.  
ANSWER: Mark **Twain** [or Samuel Langhorne **Clemens**]  
[10] In *The Adventures of Huckleberry Finn*, Huck hides Peter Wilks's inheritance in this location to prevent the Duke and the Dauphin from stealing the inheritance from Peter's nieces.  
ANSWER: Peter Wilks's **coffin**



5. In 2005, a sizable chunk of marble from the space above the motto “Equal Justice Under Law” fell off this building. For 10 points each:  
[10] Name this Cass Gilbert-designed building in Washington, D.C., which is abundantly lined with Alabama marble and features, in its top level, a basketball court nicknamed “the Highest Court in the Land.”  
ANSWER: United States **Supreme Court** Building  
[10] The Supreme Court Building is an example of this style of Neoclassical architecture that was developed at a namesake Parisian art school. It was also used for the New York Public Library and Grand Central Terminal.  
ANSWER: **Beaux-Arts** architecture  
[10] After training at the Ecole des Beaux-Arts, William Bosworth devised a new architectural plan for this college campus, whose later landmarks include Alvar Aalto’s Baker House and Eero Saarinen’s Kresge Auditorium.  
ANSWER: **MIT** [or **Massachusetts Institute of Technology**]
6. The Smoluchowski equation can be used to calculate this quantity only when the Debye length is much smaller than the particle radius. For 10 points each:  
[10] Name this quantity that, if greater than around 30 millivolts or so, indicates that a system near a double layer is more or less stable.  
ANSWER: **zeta potential** [prompt on “potential”]  
[10] Zeta potentials are a measure of the stability of these substances, which consist of an insoluble phase suspended in a dispersion medium. Foams and emulsions are examples.  
ANSWER: **colloids**  
[10] The zeta potential of a colloid is zero at this point, which shares its name with the pH at which an amino acid carries no net charge.  
ANSWER: **isoelectric** point
7. In a state quarter picture, a man with a walking stick looks at this formation as a bird flies in front of it. For 10 points each:  
[10] Name this formation frequently ascended via the Cable Route. It was the subject of a number of photos by Ansel Adams.  
ANSWER: **Half Dome**  
[10] Half Dome is located in this picturesque National Park in California.  
ANSWER: **Yosemite** National Park  
[10] Downstream from Nevada Fall, along the Merced River, lies this Yosemite waterfall, which can be accessed from a popular trail that begins at the Happy Isles. The Emerald Pool is located near this waterfall, which was mistaken for a Philippine waterfall on a 1932 stamp.  
ANSWER: **Vernal** Fall
8. This person built a large citadel in Cairo and started a project to build a wall around Cairo and the historical city of Fustat. For 10 points each:  
[10] Name this ruler who established the Ayyubid dynasty in the Middle East around the twelfth century AD.  
ANSWER: **Saladin** [or **Salah ad-Din** Yusuf ibn Ayyub; or al-Malik al-Nasir **Salah al-Din** Yusuf I]  
[10] At this 1187 battle, Saladin’s forces defeated the armies of Guy of Lusignan, which allowed Saladin to gain control of Jerusalem. This battle is sometimes named for a geographical feature of the place where it was fought.  
ANSWER: Battle of **Hattin** [or Battle of **Horns of Hattin**]  
[10] Saladin conquered Aleppo and this other city, in modern Iraq, from the Zengids in the 1180s. Sovereignty over a *vilayet* centered in this city was the subject of a dispute between Turkey and the UK in the early 20th century.  
ANSWER: **Mosul**

9. After taking the Trojan nobleman Anchises as a lover, this goddess became the mother of Aeneas. For 10 points each:  
[10] Name this Greco-Roman goddess who was given the golden apple in the judgment of Paris.  
ANSWER: **Aphrodite** [or **Venus**]  
[10] Like Paphos on Cyprus, this small island south of the Peloponnese was a cult center for Aphrodite worship. According to Hesiod, she emerged from the seafoam beside this island.  
ANSWER: **Cythera** [or **Kythira**]  
[10] According to the *Argonautica*, Aphrodite gave this punishment to the women of Lemnos when they failed to worship her, which the husbands of the island couldn't handle.  
ANSWER: foul **odor** [or obvious equivalents, such as **stench** or bad **smell** or they **stunk**]
10. This novel's plot is set in motion when the male protagonist stumbles upon two letters tucked away in one character's personal copy of Vico's *New Science*. For 10 points each:  
[10] Name this novel by A.S. Byatt in which the academics Roland Michell and Maud Bailey fall for each other while investigating the possible romance between the fictional poets Randolph Henry Ash and Christabel LaMotte.  
ANSWER: **Possession: A Romance**  
[10] This contemporary English author created the academics Philip Swallow and Morris Zapp in his so-called "Campus Trilogy", which consists of the novels *Changing Places*, *Small World*, and *Nice Work*.  
ANSWER: David **Lodge**  
[10] Kingsley, a member of this family, wrote about the title character's struggles with academic life in his novel *Lucky Jim*. Kingsley's son Martin wrote about the hedonistic director John Self in his novel *Money*.  
ANSWER: **Amis** [or Kingsley **Amis**; or Martin **Amis**]
11. Whereas lactose intolerance might just give you diarrhea and cramps, its unsung, scarier cousin, fructose intolerance, can eventually lead to this awful thing happening. For 10 points each:  
[10] Name this really bad condition that results in azotemia, or the buildup of nitrogen-containing compounds in the bloodstream, anemia, due to severely decreased production of erythropoietin, and uremia.  
ANSWER: **kidney failure** [or **renal failure**; or **renal insufficiency**]  
[10] Kidney failure is diagnosed by seeing if this measure of renal functional severely decreases. It is a numerical measure of how much stuff per time passes through the namesake network of capillaries that's surrounded by Bowman's capsule.  
ANSWER: **glomerular filtration rate** [or **GFR**]  
[10] Other than straight up getting a transplant, kidney failure can be mitigated by hooking a patient up to one of these machines that manually perform the work of the kidney.  
ANSWER: **dialysis** machine
12. Because this character can read, he realizes that the van taking away Boxer belongs to a knacker, and he is the one who notices the change to all the commandments at the end of the novel. For 10 points each:  
[10] Name this cynical donkey from *Animal Farm*.  
ANSWER: **Benjamin** the donkey  
[10] A more iconic literary donkey is Bottom, with whom Titania falls in love, after he is magically given the head of a donkey by Puck, in this Shakespeare play.  
ANSWER: A **Midsummer Night's Dream**  
[10] This Spanish poet and member of the Generation of '98 wrote of his travels with the title donkey in the book *Platero and I*.  
ANSWER: Juan Ramon **Jimenez** [or Juan Ramon **Jimenez** Mantecon]

13. This composer set a series of fifteen Rilke poems about the Virgin Mary in his song cycle *Das Marienleben*. For 10 points each:  
[10] Name this 20th-century German composer of *Symphonic Metamorphosis of Themes by Carl Maria von Weber* and a symphony based on themes from his opera *Mathis der Maler*.  
ANSWER: Paul **Hindemith**  
[10] Hindemith's requiem is dedicated to one of these people. One of these people was the dedicatee of another composer's *Kaddish* Symphony.  
ANSWER: **President** of the **United States** of America [or obvious equivalents, such as the **American president**; prompt on "president"]  
[10] The *Kaddish* Symphony is by this American composer, who also wrote the musicals *Candide* and *West Side Story*.  
ANSWER: Leonard **Bernstein**
14. This term was heavily explored in the 2005 documentary *Why We Fight*. For 10 points each:  
[10] Name this three-word term popularized in Dwight Eisenhower's farewell address. It defines a sinister relationship between the armed forces, government, and business.  
ANSWER: the **military-industrial-congressional complex**  
[10] During the Eisenhower administration, this Wisconsin Senator led a namesake, largely exaggerated, campaign against Communists in government.  
ANSWER: Joseph **McCarthy**  
[10] Eisenhower won the 1952 Republican nomination after bitterly defeating this rival, who had previously lost the nomination to Thomas Dewey. This conservative Senator pressured Eisenhower into adopting a conservative platform and became Senate Majority Leader after Ike's successful election.  
ANSWER: Robert Alphonso **Taft**
15. This man stopped reading classical literature after having a dream in which Jesus Christ accused him of being a Ciceronian. For 10 points each:  
[10] Name this 3rd and 4th century religious scholar who served as secretary to Pope Damasus I and set up a monastery in Bethlehem.  
ANSWER: St. **Jerome**  
[10] Damasus I commissioned Jerome to translate and assemble this Latin version of the Bible.  
ANSWER: the **Vulgate** [or the *versio vulgata*]  
[10] Durer's *St. Jerome in his Study* depicts a gourd hanging above Jerome's head, a reference to a famous debate over what type of plant quickly sprouted above the head of the namesake prophet of this Old Testament book.  
ANSWER: Book of **Jonah**
16. This poet described meadows "blurred by a lilac heat" in a place where "cathedral shadows swirled" in his poem "In the Wood". For 10 points each:  
[10] Name this poet who described life "overflowing today, / spring rain shattering itself like glass". His most famous poem opens "February. Take ink and weep".  
ANSWER: Boris **Pasternak**  
[10] Pasternak is better known for this novel, in which the title physician falls in love with the nurse Lara during the outbreak of the Russian Revolution.  
ANSWER: **Doctor Zhivago**  
[10] Pasternak dedicated a poem to this Soviet author of *Poem Without a Hero*, who wrote poems about the arrest of her son and husband in her collection *Requiem*.  
ANSWER: Anna **Akhmatova** [or Anna Andreevna **Gorenko**]



17. This artist invented the papier collé technique, which he put to use in his painting *Fruit Dish and Glass*. For 10 points each:  
[10] Name this artist of *Violin and Candlestick*, whose landscape *Houses at l'Estaque* was targeted by a disparaging remark of Louis Vauxcelles that led to the name of a major art movement.  
ANSWER: Georges **Braque**  
[10] Braque and Picasso co-founded this art movement that focuses on canvases which break down objects geometrically and show them from many different perspectives.  
ANSWER: **cubism** [or word forms]  
[10] This French artist broke with Cubism, which he thought had become “a decorative art of romantic ornamentism,” and instead established the Purist movement with Le Corbusier.  
ANSWER: Amédée **Ozenfant**
18. This thinker suggested that the Ego is formed at the moment when infants are able to recognize reflections as being their own image, which he termed the “mirror stage”. For 10 points each:  
[10] Name this French psychoanalyst who divided reality into the Imaginary, Real, and Symbolic orders.  
ANSWER: Jacques **Lacan** [or Jacques Emile **Lacan**]  
[10] Lacan’s Real order roughly corresponds to this concept from Freudian terminology, referring to the part of our personalities containing all of our primal urges. It forms a triad with the ego and superego.  
ANSWER: **id** [or das **Es**]  
[10] This queer theorist and author of *Epistemology of the Closet* suggested moving past Freudian and Lacanian notions of “sexual difference” in “Paranoid Reading and Reparative Reading”.  
ANSWER: Eve Kosofsky **Sedgwick**
19. The University of Maryland physicist Oscar Wallace Greenberg proposed this property. For 10 points each:  
[10] Name this property of quarks that allows otherwise identical quarks to appear in a particle without violating the Pauli exclusion principle.  
ANSWER: **color** force [or **color** charge]  
[10] This fundamental force is carried by gluons and holds quarks together. It is described by quantum chromodynamics.  
ANSWER: **strong** interaction [or nuclear **strong** force]  
[10] In this process, a quark and antiquark from a pair of colliding hadrons annihilate to create a lepton pair. It played a part in the discovery of the J/psi, the upsilon meson, and the W and Z bosons.  
ANSWER: **Drell-Yan** pair production process [prompt on “(lepton) pair production”]
20. This country’s king Ferdinand VII reasserted power in 1823 with French support, after which the last ten years of his reign were known as the Ominous Decade. For 10 points each:  
[10] Name this country, where the Constitution of Cadiz was promulgated in 1812.  
ANSWER: Kingdom of **Spain** [or Reino de **España**]  
[10] This traditionalist Spanish political movement sought to establish an independent line of the Bourbon dynasty on the throne, in opposition to Ferdinand’s daughter Isabel, the later Isabella II.  
ANSWER: **Carlismo**  
[10] This type of coup common to the 19th-century Hispanic world occurred in 1868 to Isabella II. It involves military officers declaring their public opposition to the reigning government.  
ANSWER: **pronunciamiento**