

Tossups

1. **HOPE VI is an initiative to promote higher quality in a type of this good formerly provided by Cabrini-Green in Chicago. A former mayor of San Antonio succeeded a man nominated to head the OMB as the head of a government department that regulates this good. Bill Clinton has been criticized for equating the American Dream with the possession of this good, whose price is measured by the (*) Case-Shiller index. Prior to its failure, Ameriquest provided financing for the purchase of this good. The 2007-08 financial crisis is generally considered to have been brought about by a “bubble” in the price of this good. For 10 points, name this good which, along with urban development, is administered by a Cabinet department.**

ANSWER: housing [or real estate; or public housing; or obvious equivalents, such as houses or homes; or [Department of] Housing and Urban Development]

2. **In C, the alloca keyword allocates space on this thing, which is thus automatically freed when the function returns to its caller. Every function call reserves a frame, or activation record, on this thing, which is where the function’s local variables are stored unless they are allocated using malloc, in which case they are stored on the heap. Big O of n space is required on it by recursive functions – with n the depth of recursive calls – but that can be reduced to big O of one by implementing tail recursion, thus avoiding a common (*) “overflow”. The first-taught way to make depth-first search non-recursive is to use this data structure. Reverse Polish notation is conceptualized using it. Insertion and deletion in it is called push and pop, respectively. For 10 points, name this last-in first-out data structure that contrasts with the first-in first-out queue.**

ANSWER: stack

3. **During this event, Hylonome covers the body of her lover to prevent his spirit from escaping; unsuccessful, she kills herself to join her lover Cyllarus. During this event, Latreus insults a warrior who was originally a woman before Poseidon raped her and transformed her into a man. In the *Metamorphoses*, Nestor recounts how during this event, a bird emerged from a pile of tree trunks that were used to bash Caeneus into the earth. Eurytus sets off this event by trying to kidnap the daughter of Adrastus; he is then killed by (*) Theseus. This event erupts when wine brings out the savage nature of some cousins of Chiron attending the wedding feast of Hippodamia and Pirithous. For 10 points, name this battle between a Thessalian tribe and a half-human, half-horse race.**

ANSWER: the battle of the Lapiths and Centaurs [or Centauromachy; or obvious equivalents mentioning both the Lapiths and Centaurs; or the wedding feast of Hippodamia and/or Pirithous until “wedding” is read]

4. **Karl von Stutterheim provided a firsthand account of this battle, while retreating troops under von Buxhowden drowned after the ice broke over Lake Satschan. The planning of Franz von Weyrother led to his side’s defeat in this battle, while preceding it, the forces of Karl Mack were defeated in the Ulm Campaign. During this battle the St. Hilaire’s Division alongside the IV Corps of Marshal Soult led an assault on the (*) Pratzen Heights, where earlier Mikhail Kutuzov was forced to abandon his position. This battle led to the creation of the Confederation of the Rhine, in addition to the Treaty of Pressburg, which dissolved the Holy Roman Empire. For 10 points, name this “Battle of the Three Emperors”, where Napoleon’s victory ended the War of the Third Coalition.**

ANSWER: Battle of Austerlitz [or Battle of the Three Emperors until it is read]

5. The final stanza of one poem by this author begins “For me your beauty holds all of the perfume.” That poem begins with the line “From the sands of Magellan we salvaged you.” The speaker of another poem by this author says “you never came to rummage in people’s pockets” and declares that he “failed to love a tree in each person”. That poem by this author of “To a (*) Ship’s Figurehead” calls its subject a “shovel lost in the earliest sand”, “tiller of fields,” “jeweler with crushed fingers,” and “potter wasted among his clays.” In that poem by him, the speaker asks the reader to “Arise to birth with me, my brother.” For 10 points, name this Chilean poet, whose “From The Heights of Macchu Picchu” appears in his collection *Canto General*.

ANSWER: Pablo Neruda [or Neftali Ricardo Reyes Basoalto]

6. Nikolaus Harnoncourt’s 1964 recording of these pieces was the first to use period instruments. Debate exists as to whether the role assigned to the “tromba” in the second of these pieces was meant for trumpet or horn. Either Johann Altenburg or Johann Ludwig Schreiber may have been the intended trumpet soloist in the second of these pieces, since both were known for their *clarino* playing. Unusually, violins were (*) excluded completely from the last of these pieces. A recorder or a flageolet generally plays the part scored for the “flauti d’echo” in the fourth of these pieces. The harpsichord plays a 65 measure solo cadenza in the first movement of the fifth of these pieces. For 10 points, name this set of six concertos composed for the margrave of a German city by Johann Sebastian Bach.

ANSWER: Brandenburg Concertos [or Brandenburg Concerti]

7. One character created by this author calls the narrator a “publishing scoundrel!” before she dies. Another character created by this author explains that he wants to be thought of as “bad” when he is caught wandering on a lawn at night. In a story by this author, a biographer travels to Venice to infiltrate the home of the former lover of the poet he writes about. In a work by this author, Luke is blamed for failing to deliver a (*) letter, which was actually burned by a boy who had been expelled from school. In that work by this author of *The Aspern Papers*, Mrs. Grose is employed alongside an unnamed governess, who looks after children at Bly, which may be haunted by the ghosts of Miss Jessel and Peter Quint. For 10 points, name this American author of *The Turn of the Screw*.

ANSWER: Henry James

8. These compounds react with an alpha-bromoester and zinc metal to form a beta-ketoester in the Blaise reaction. One of them reacts with an arene to give an aryl ketone in a reaction similar to the Friedel-Crafts acylation, called the Hoesch reaction. These non-ester functional groups produce a strong peak at 2250 inverse centimeters in an IR spectrum and can be reduced to aldehydes by DIBAL-H. They are hydrolyzed to form (*) amino acids in the second step of the Strecker synthesis. A polymer of this functional group forms a synthetic rubber commonly used in laboratory gloves. In a reaction named for Kolbe, these compounds are produced by reducing primary amides or by reacting alkyl halides with hydrogen cyanide. For 10 points name this functional group containing a carbon triple bonded to nitrogen.

ANSWER: nitriles [or cyanides until “hydrogen cyanide” is read]

9. This artist reversed the pose of the Apollo Belvedere in a painting set against the backdrop of a stormy sea, whose subject stands on a crag and points with his right hand. In a gruesome, forested painting by this artist, two men leave trails of dead game in their wake as they draw their bows. This artist produced an oft-printed character study of a young girl, from which Edith Wharton took her title for *The Age of Innocence*. Aristotelian representations of Pity and Fear lurk in the shadows behind a (*) woman in a brown robe who embodies Melpomene in the best-known painting by this artist. In a series of lectures titled the *Discourses on Art*, this artist laid out his idea of a “grand style.” For 10 points, name this English portraitist of *Sarah Siddons as the Tragic Muse*, the first president of the Royal Academy.

ANSWER: Joshua Reynolds

10. A politician from this country used the slogan “I am not a man, I am a pueblo.” Plan Lazo was an attempt to disperse peasant enclaves in this country, which were referred to as the Marquetalia Republic. This country’s Palace of Justice was laid under siege by members of the April 19th Movement, demanding that Belisario Betancur be put on trial. This country’s Liberal and Conservative parties agreed to alternate between power, creating the (*) National Front. In this country’s town of Ciénaga, the United Fruit company violently cracked down on strikers. The assassination of Jorge Eliécer Gaitán sparked a long-running conflict in this country called *La Violencia*. For 10 points, name this country where President Juan Manuel Santos is negotiating with FARC.
ANSWER: Republic of Colombia [or Republica de Colombia]
11. Members of this school of thought developed the first form of propositional logic, in opposition to the earlier Aristotelian logic. This school divided philosophy into the three branches of logic, ethics, and physics. Adherents of this school believed that the world goes through an infinite cycle in which it begins as fire, slowly shifts into the other elements, and returns to fire. Its members believe in a “sustaining cause” consisting of simultaneous inward and outward motions, called (*) *pneuma*. The primary doctrine of this philosophical school is that virtue is necessary and sufficient for happiness. It is named for the “painted porch” where its founder Zeno of Citium taught. For 10 points, name this school that included Epictetus and Marcus Aurelius, which believed in overcoming destructive emotions.
ANSWER: Stoicism
12. Phases of this group’s public activities were labeled “the jelly bean phase” and the “barnyard epithet phase.” A member of this group offered Julius Hoffman an autographed copy of the new book *Do It!*; Hoffman previously had ordered one member of this group to be bound and gagged. While defending its members, William Kunstler engaged in such stunts as asking Judy Collins to sing “Where Have All the Flowers Gone?” and wearing a (*) black armband. This group’s number dropped by one after Bobby Seale’s case was removed by the presiding judge. Several members of this group, such as Jerry Rubin and Abbie Hoffman, joined fellow Yippies in nominating Pigasus for President. For 10 points, name this group of counter-cultural protesters who disrupted the 1968 Democratic National Convention.
ANSWER: Chicago Seven [or Chicago Eight; prompt on “Yippies”]
13. In this work, one character jokes that he’d throw all modern scientists off a cliff, except for Stephen Hawking, because doing that would lose him the sympathy vote. While analyzing grouse populations, another character in this play discovers an iterated function left in a notebook belonging to his family. A girl in this play uses the example of being able to stir rice (*) pudding but not unstir it to derive a conceptual understanding of the Second Law of Thermodynamics. A character suspects that Ezra Chater was killed at Sidley Park by Lord Byron, but that theory is disproven by Hannah Jarvis, to the dismay of Bernard Nightingale in this play, which switches between 1809 and the present. For 10 points, Septimus Hodge tutors Thomasina Coverly in what play by Tom Stoppard?
ANSWER: Arcadia
14. A deeply eutectic solvent is formed from a mixture of this compound and choline chloride. A method of identifying *H. pylori* infections detects isotope-labeled carbon dioxide produced from this compound’s degradation by a nickel metalloenzyme. Its biosynthesis depends on the presence of N-acetylglutamic acid, the obligate allosteric activator of carbamoyl phosphate synthetase. Three ATPs are hydrolyzed to two ADP and one AMP in producing this compound through non-standard (*) amino acid intermediates, such as citrulline and ornithine, in its namesake cycle. Friedrich Wohler disproved vitalism by synthesizing this compound from inorganic precursors. For 10 points, name this compound with formula $\text{CO}(\text{NH}_2)_2$, the form in which mammals excrete nitrogenous waste.
ANSWER: urea [or carbamide]

15. **This composer wrote the music to a song containing the lyric “Oh, it’s a long, long while / From May to December”, which is sung by Peter Stuyvesant. In a musical by him, two characters sing about eating native people while in the army in the “Cannon Song”. With Ira Gershwin, he wrote a musical about a fashion magazine editor undergoing psychoanalysis, called (*) *Lady in the Dark*. He wrote the song “Pirate Jenny”, which is sung by Polly Peachum. Marc Blitzstein’s 1954 English translation of that musical by this composer includes a song that begins “Oh, the shark has pretty teeth, dear / And it shows them pearly white”. For 10 points, name this composer whose collaborations with Bertolt Brecht include the song “Mack the Knife” from *The Threepenny Opera*.**
ANSWER: Kurt Weill [or Kurt Julian Weill]
16. **All bound orbits are closed under the inverse square law and in this system, which are the only two central force systems with that property, per Bertrand’s theorem. An infinite number of equally spaced energy levels and eigenstate wavefunctions that are proportional to normalized Hermite functions occur in this system’s (*) quantum analogue. The Q value, or quality factor, in these systems is determined by the ratio of stored energy to the energy dissipated per cycle, and varies inversely with the damping constant. The equation of motion for the “simple” type of these systems can be derived from Hooke’s law. For 10 points, name these systems that exhibit sinusoidal motion, exemplified by a mass on a spring.**
ANSWER: harmonic oscillators [or answers with prefixes, such as “quantum”, “damped”, or “simple”; or linear force or Hooke’s law until “energy levels” is read]
17. **This religion sorts all living things into five tiers, according to how many senses they possess. Its name is derived from a word meaning “to conquer”, as its main focus is self-control. Followers of this religion are only allowed to commit suicide through fasting, a process known as *sallekhana*. It’s not Hinduism, but the ultimate goal of followers of this religion is emancipation from reincarnation, or (*) *moksha*. This religion follows the teachings of twenty-four enlightened figures, of which two are historically attested – these are the “ford-makers”, or *tirthankara*. For 10 points, name this Indian minority religion, whose followers practise *ahimsa*, or nonviolence.**
ANSWER: Jainism [or Jaina dharma]
18. **The word “ballot” comes from a procedure used for elections in this city, in which small balls were placed in urns as votes for candidates. Real power in this city was delegated to the Ten, who forced the resignation of Francesco Foscari. This city hired a member of the Orsini family, Bartolomeo d’Alviano, who led their forces in defeat at the Battle of (*) Agnadello. Louis XII of France united with Maximilian I and Pope Julius II to form the League of Cambrai in order to oppose this city. This city, under the blind Enrico Dandolo, provided ships for the Fourth Crusade, which this city convinced to attack Constantinople. For 10 points, name this Italian canal city that was governed by Doges.**
ANSWER: Venice
19. **One character in this novel is offended when an art critic thinks of Stendhal as “day reading,” because she thinks of him as “night reading.” Another character in this novel is fascinated by the thought that the “Grand March of History” had passed through the hall of a church in Amsterdam. After a third character in this novel refuses to retract an article in which he declares that his country’s leaders should acknowledge their guilt like Oedipus, he becomes a (*) window washer. In one scene in this novel, a woman stands in front of a mirror while wearing nothing but her father’s bowler hat. That character, a painter named Sabina, tells the protagonist’s son, Simon, how his parents died. For 10 points, name this novel about Tomas and his wife Tereza in Communist-era Prague, by Milan Kundera.**
ANSWER: *The Unbearable Lightness of Being* [or Nesnesitelná lehkost bytí]

20. The 1989 Kiel Convention was the first major revision to this system in nearly 50 years, and included a concession to the use of pipes. A publication of this system in 1912 included a chart with columns labeled “point and blade” and “lip-teeth.” To save money for small printers, many new symbols in this system were inversions of ordinary Roman symbols. In the 1970s, the symbols phi and theta were used as the first examples of components labeled (*) “voiceless” in this system. 2005 saw the last revision of this system, an inclusion of a symbol to represent a labiodental flap. This system was originally only applicable to English, French and German. For 10 points, name this system of notation that has since been expanded to account for the sounds of nearly all human languages.

ANSWER: IPA [or International Phonetic Alphabet]

Bonuses

1. This book's fifth chapter tells the story of Ananias and Sapphira. For 10 points each:
[10] Name this New Testament book that follows the Gospels and concerns the establishment of the early Christian church.
ANSWER: the **Acts** of the Apostles
[10] In Acts, Paul begins his missionary career working under this Cypriot who had helped found the Antioch Church. This man splits with Paul after an argument later in the book.
ANSWER: **Barnabas**
[10] In Acts 17, Paul describes seeing an altar with the description "To an Unknown God" while giving a sermon on this hill.
ANSWER: **Areopagus** [or Hill of **Ares**; or Hill of **Mars**]
2. This composer's "neoclassical" works include his *Symphony in Three Movements* and his *Dumbarton Oaks Concerto*. For 10 points each:
[10] Name this 20th-century Russian composer whose ballets include *Petrushka* and *The Rite of Spring*.
ANSWER: Igor **Stravinsky**
[10] Stravinsky composed this work for chorus and orchestra for the 50th anniversary of the Boston Symphony Orchestra. It sets excerpts from the Latin Vulgate bible.
ANSWER: ***Symphony of Psalms***
[10] In his sole work in this genre, Stravinsky controversially set the 15th century text, "Tomorrow shall be my dancing day", which perpetuates the blood libel against the Jews. At the end of his life, Anton Webern wrote two works in this genre, based on texts by Hildegard Jone.
ANSWER: **cantata**
3. The works of these people were mostly composed in an alliteration-filled verse-form called "drottkvaett". For 10 points each:
[10] Name these court bards, who chronicled such leaders as Harald Fairhair and Eiriker Hladajarl in such works as the *Glymdrapa* and the *Vellekla*.
ANSWER: **skald**
[10] Egil Skallagrimsson and Ulfr Uggason were skalds from what is now this modern-day country, the origin of Njals Saga. Famous authors from here include Snorri Sturluson and Halldór Laxness.
ANSWER: **Iceland**
[10] In this novel, Professor Lindebrock and his nephew Axel descend into the Icelandic volcano Snaefellsjökull after a finding a runic cryptogram inside a Snorri Sturluson saga.
ANSWER: ***A Journey to the Center of the Earth*** [or ***Voyage au centre de la Terre***; or ***A Journey to the Interior of the Earth***]
4. A popular technique in this field of chemistry is the "temperature jump", in which a capacitor is discharged in a conducting solution. For 10 points each:
[10] Identify this field of study in chemistry pioneered by Gulberg and Waage with their law of mass action, and furthered by the equations of Eyring and Arrhenius.
ANSWER: chemical **kinetics** [or word forms]
[10] Kinetics concerns itself with the laws governing this property of a reaction, a measure of how fast it is.
ANSWER: reaction **rate**
[10] In reactions of this type, the rate is wholly dependent on the ability of the reactants to traverse the solvent and run into one another. An example is the conversion of CO₂ and H₂O into H₂CO₃, catalyzed by carbonic anhydrase.
ANSWER: **diffusion-controlled** [or **diffusion-limited**]

5. This leader explained his ideology with the metaphor that it doesn't matter whether a cat is white or black, as long as it catches mice. For 10 points each:
[10] Name this leader, who established the first Special Economic Zones in his country.
ANSWER: **Deng Xiaoping**
[10] This constitutional principle formulated by Deng Xiaoping states that China would allow specific regions, such as Hong Kong and Macau, to retain a capitalistic system, while others maintained socialism.
ANSWER: **"One Country, Two Systems"** [or **"One China, Two Systems"**]
[10] The "One Country, Two Systems" principle would also accommodate this nation, which established its independence from China under the leadership of Kuomintang leader Jiang Jieshi.
ANSWER: **Taiwan** [or **Republic of China**; or **ROC**; or **Chinese Taipei**]
6. Key texts for this discipline include Edward Said's *Orientalism* and Gayatri Spivak's "Can the Subaltern Speak?". For 10 points each:
[10] Name this academic discipline that studies the long-lasting cultural effects of imperialism, including economic exploitation and problems of national identity.
ANSWER: **postcolonialism** [or **postcolonial studies**]
[10] Frantz Fanon advocated striving for a "collective catharsis" through violent resistance to colonialism in this posthumously published work about the Algerian fight for independence.
ANSWER: *The Wretched of the Earth*
[10] Fanon's ideas about imitating the culture of the colonizer are similar to this Indian postcolonial theorist's concept of mimicry. This author of *The Location of Culture* coined the term "hybridization" to describe the creation of new cultures from multiculturalist encounters.
ANSWER: Homi K. **Bhabha**
7. This 1950s war is sometimes referred to as the "Forgotten War." For 10 points each:
[10] Name this war in which Morocco's Army of Liberation attempted to take a Spanish exclave in Morocco and failed horribly. Spain did, however, end up ceding Cape Juby to Morocco after this war.
ANSWER: **Ifni War**
[10] This long-time dictator of Spain controlled the country during the Ifni War. His other actions in Morocco include defeating Abd el-Krim during the Rif War in the 1920s.
ANSWER: Francisco **Franco** Bahamonde
[10] This series of agreements between the United Kingdom and France, which established an alliance prior to World War I, allowed Spain to keep Morocco.
ANSWER: **Entente Cordiale**
8. Discourse about whether and how the conduct of this thing can be "just" originated with Saint Augustine. For 10 points each:
[10] Name this thing that is the subject of a treatise by Karl von Clausewitz, which examines the strategies and tactics of Napoleon.
ANSWER: **war** [prompt on general answers, such as "conflict"]
[10] This Dutch theologian and jurist attempted to ground principles of just war in natural law. His book *On the Law of War and Peace* is considered a foundational text on international law.
ANSWER: Hugo **Grotius** [or Hugo de **Groot**; or Huig de **Groot**]
[10] The work of Francisco de Vittoria, a scholar from this university, provided much of the basis for Hugo Grotius's work. Another philosopher from this university discussed fifty-four propositions in *Metaphysical Disputations*.
ANSWER: University of **Salamanca** [or Universidad de **Salamanca**]

9. A section of this book categorizes works of literature according to the archetypal *mythoi* of Comedy, Romance, Tragedy, and Satire. For 10 points each:
[10] Name this 1957 collection of four essays, which includes a historical approach to the modes of literature and a rhetorical approach to the genres of literature.
ANSWER: **Anatomy of Criticism: Four Essays**
[10] *Anatomy of Criticism* is by Northrop Frye, who is also known for *Fearful Symmetry*, a study of this Romantic poet, whose poem “The Tyger” provides the title.
ANSWER: William **Blake**
[10] This English poet and critic characterized Blake as a rebel against Christianity in his *William Blake: A Critical Essay*. His *Poems and Ballads* includes “The Triumph of Time” and “Hymn to Proserpine”.
ANSWER: Algernon Charles **Swinburne**
10. A 2013 study made a splash by revealing that autistic children were more likely to have a single mutation leading to the AA type of this compound’s receptor. For 10 points each:
[10] Name this hormone that initiates the “letdown reflex” by contracting the smooth muscle surrounding the alveoli, and is supposedly responsible for feelings of intimacy after sex.
ANSWER: **oxytocin**
[10] Oxytocin and the structurally-similar ADH are both manufactured by this master endocrine gland, which uses releasing hormones to control the output of the pituitary gland just beneath it.
ANSWER: **hypothalamus**
[10] The magnocellular neurosecretory cells that make oxytocin also produce dynorphin, which is one of the peptides that binds to these kinds of receptors in the brain. These receptors come in delta, kappa, mu, and nociceptin types.
ANSWER: **opioid** receptors [or **opiate** receptors]
11. Joyce Carol Oates fictionalized this person in the novel *Blonde*, in which one of her husbands is referred to as “the Ex-athlete” and she is assassinated on orders from “R.F.”. For 10 points each:
[10] Name this person who is portrayed as the neurotic Maggie in *After the Fall*, which was written by her last husband.
ANSWER: Marilyn **Monroe**
[10] *After the Fall* is by this American playwright who depicted the decline of Willy Loman in *Death of a Salesman*.
ANSWER: Arthur **Miller**
[10] In *Death of a Salesman*, after Bill Oliver fails to remember Biff during their meeting, Biff steals this object.
ANSWER: Bill Oliver’s fountain **pen**
12. The action is the integral of this expression over time and is thus zero for suitably small changes in generalized coordinates. For 10 points each:
[10] Disregarding any constants and for systems with holonomic constraints, give this two-term expression that is the typical definition of the Lagrangian.
ANSWER: **difference** in **kinetic** and **potential** energy [or **KE minus PE**; or **T minus V**; or **T minus U**; or obvious equivalents]
[10] The predecessor to Hamilton’s formulation of action was the formulation of Maupertuis, who defined it as the integral over a path of this quantity, which is equal to mass times velocity.
ANSWER: linear **momentum** [or **p**]
[10] Variational calculus is of prime importance when approaching problems in Hamiltonian mechanics where physical quantities need to be optimized by finding a minimum or maximum value for this thing, which is the integral of the function of interest and is often represented by J.
ANSWER: the **functional**

13. A large one of these facilities is located at Andrews in Prince George's County, Maryland. For 10 points each:
[10] Name this type of facility, of which Camp Lemonnier is the only example in Africa. KAIA is a major one of these facilities located in Kabul.
ANSWER: **United States military bases** [or obvious equivalents, such as **U.S. army bases**, **U.S. naval bases**, or **U.S. air bases**; prompt on "(military) bases" or other answers that lack a country]
[10] Drones based at Camp Lemonnier often conduct strikes in this pirate-ravaged country, where government initiatives and foreign support have succeeded in pushing back al-Shabaab.
ANSWER: **Somalia**
[10] This customary law system native to Somalia and the Horn of Africa allows for a relatively functional judicial system despite the largely anarchic state throughout the country.
ANSWER: **Xeer** [pronounced KHER]
14. Deianira sits on a cornucopia that spills out into Midwestern farmland in this painter's mural *Achelous and Hercules*. For 10 points each:
[10] Name this Regionalist artist who controversially depicted a member of the Ku Klux Klan burning a cross in an image from his *Indiana Murals*.
ANSWER: Thomas Hart **Benton**
[10] Benton was part of a triumvirate of famous Regionalist painters, along with John Curry and this Iowan, who used his dentist as the model for a stern, pitchfork-carrying father in his *American Gothic*.
ANSWER: Grant **Wood** [or Grant DeVolson **Wood**]
[10] This Precisionist artist, who often painted factories and grain elevators in his hometown of Lancaster, Pennsylvania, is best known for illustrating a William Carlos Williams poem about a fire engine in his *I Saw the Figure 5 in Gold*.
ANSWER: Charles **Demuth**
15. During his time in Florida, he became known as "Sharp Knife." For 10 points each:
[10] Name this general who executed two British subjects during his warring against the Seminole tribes. The subject of the Coffin Handbills, this man lived on a plantation known as the Hermitage.
ANSWER: Andrew **Jackson**
[10] As President, Jackson staunchly opposed the renewal of the charter of one of these institutions. That example of these institutions was led by Nicholas Biddle and modeled on an older one proposed by Alexander Hamilton.
ANSWER: a national **bank** [or federal **bank**; or the **Second Bank of the United States**]
[10] This mentally delusional house painter, who believed he was a former king of England, unsuccessfully tried to kill President Jackson in 1835. Both of his guns misfired during the attempt, which allowed Jackson time to beat this man with a cane.
ANSWER: Richard **Lawrence** [prompt on "(King) Richard (III)"]
16. Answer the following about Balinese mythology, for 10 points each.
[10] A massive creature of this type named Antaboga created the Balinese world turtle by meditating. Other creatures of this type include an Australian "Rainbow" one and Loki's son Jormungandr, which wrapped around Midgard.
ANSWER: world **serpents** [or **snakes**; do NOT accept "dragons"]
[10] This ten-armed Hindu goddess of destruction gave her powers to the wicked Balinese sorceress Rangda. This goddess is sometimes called an aspect of Kali.
ANSWER: **Durga** Mahishasuramardini [or Dewi **Durga**]
[10] In Balinese puppet shows, Rangda uses this phenomenon to kill half of Erlangga's subjects until the lion-headed good spirit Barong protects them. Late in the *Kalevala*, a wind sires nine of these things with a daughter of Tuoni.
ANSWER: **plagues** [or **diseases**]

17. He fictionalized his experiences as an intelligence officer during World War I in his collection *Ashenden*. For 10 points each:
[10] Name this English author who possibly used Philip Carey's clubfoot as a stand-in for his own stammer in his novel *Of Human Bondage*.
ANSWER: W. Somerset **Maugham** [or William Somerset **Maugham**]
[10] In *The Moon and Sixpence*, Charles Strickland abandons his family to pursue this profession. Basil Hallward has this profession in a different novel.
ANSWER: **painter** [prompt on "artist"]
[10] In this novel by Margaret Atwood, the painter Elaine Risley reflects on her life and her troubled friendship with Cordelia while attending a retrospective of her artworks.
ANSWER: **Cat's Eye**
18. This globular cluster is so weird that astronomers think it isn't a globular cluster at all, but a dwarf galaxy stripped of its outer stars that has a black hole in its center. For 10 points each:
[10] Name this globular cluster that is the biggest and brightest the Milky Way has to offer. A Hubble picture of this object that you can download as a wallpaper is titled "Colorful Stars Galore Inside Globular Star Cluster [it]".
ANSWER: **Omega Centauri**
[10] The equally weird Mayall II cluster takes the crown for the brightest globular cluster in the Local Group and orbits this nearest spiral galaxy to the Milky Way and largest galaxy in the Local Group.
ANSWER: **Andromeda** Galaxy [or **Messier 31**; or **M31**]
[10] A type of the colorful stars that are galore inside Omega Centauri are the stragglers named for this color, which is the color of class O stars.
ANSWER: **blue**
19. This pope initiated the "Babylonian Captivity" by moving the papal curia from Rome to Avignon. For 10 points each:
[10] Name this pope, who withdrew the bull *unam sanctam*, which asserted papal supremacy over earthly rulers. This pope worked with Philip IV to eliminate the Knights Templar.
ANSWER: **Clement V**
[10] One of these splits in the Christian church arose when Gregory XI moved the papacy back to Rome. The split between the Orthodox and Catholic church in 1054 is known as the "Great" one of these.
ANSWER: **schisms**
[10] This King of Germany and Hungary, and last ruler of the House of Luxemburg, called for the Council of Constance to end the Western Schism.
ANSWER: **Sigismund** of Luxemburg [or Emperor **Sigismund**]
20. Leone Leoni created massive depictions of Charles V and Philip II using this material. For 10 points each:
[10] Name this material, often employed by sculptors using the lost-wax method, that was used for Verrocchio's equestrian statue of Bartolomeo Colleoni and for Cellini's *Perseus with the Head of Medusa*.
ANSWER: **bronze**
[10] Donatello's bronze sculpture of this man, the first free-standing male nude since antiquity, shows him posing with his foot on Goliath's head.
ANSWER: **David**
[10] This man, who often signed his artworks with his brother Piero, produced several bronze sculptures of mythological subjects, such as *Hercules and Antaeus*, but is best known for his engraving *Battle of the Nudes*.
ANSWER: Antonio del **Pollaiuolo**