

Round	09	Room	
Bracket			
Reader			

Team									Team								
Player Names																	
Q#					Bonus	Steals	Ques. Total	Run. Score					Bonus	Steals	Ques. Total	Run. score	
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	Substitutions before Tossup 11								Substitutions before Tossup 11								
	Out:				In:				Out:				In:				
	Out:				In:				Out:				In:				

Circle winning team above. Clearly mark if game goes to OT/ SD. **Fill out "Point totals" row completely.**  
 If there are substitutions, please note tossups by each player in "20s" and "10s" rows. Below is for Tab Room use only:

RH	RS	BH	BS	Left	Right	BH	BS	RH	RS
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### PACE NSC 2016 - Round 09 - Tossups

**1. This character exclaims "Thinketh! He dwelleth i' the cold o' the moon" in a poem which describes the making of the sun and moon by a creator who is "ill at ease." This character greets his white master with the Swahili word for freedom, *uhuru*, in a play by Aimé Césaire (ay-mee si-ZAIR). This character believes that two men who give him "celestial liquor" are gods and plots with them against his lord, who freed a character this figure's mother imprisoned in a (\*) "cloven pine." This colleague of Stephano and Trinculo meditates on the god Setebos in a Robert Browning poem. This son of the Algerian sorceress Sycorax attempts to rape Miranda, the daughter of the Milanese magician he serves. For 10 points, name this slave of Prospero in Shakespeare's *The Tempest*.**

ANSWER: Caliban <Alston>

**2. Paul Baumgarten refurbished this building, removing most of its monuments and adding an exhibit that answered questions about his nation's history. Double-helix shaped ramps weave up a glass part of this building, whose center contains a mirrored cone that automatically adjusts to control sunlight. A staged photo of this building was edited to remove the soldiers' wristwatches and add smoke in the background. A glass dome was added to this building by (\*) Norman Foster. After finishing *The Umbrellas*, Christo and Jean-Claude wrapped this building with polypropylene. Russian soldiers hoist a flag over this ruined building in a famous 1945 photograph. For 10 points, name this building where the Bundestag, Germany's parliament, meets.**

ANSWER: Reichstag building <Bentley>

**3. Future Congressman Robert Smalls performed this action by commandeering a transport ship. While performing this action with her husband, Ellen Craft dressed as a man and wore an arm sling. Henry Brown earned the nickname "Box" for the way he performed this action. *Prigg v. Pennsylvania* concerned a law intended to protect people who had performed this action, one of the personal (\*) liberty laws passed by several states. An act enforcing the arrest of people who had performed this action was passed as part of the Compromise of 1850. People performing this action supposedly received coded guidance from songs such as "Follow the Drinking Gourd," and were assisted by "stationmasters" and "conductors." For 10 points, name this act facilitated by the Underground Railroad.**

ANSWER: escaping slavery [or equivalents such as escaping to the North; or traveling on the Underground Railroad before "Underground" is read; or becoming a fugitive slave] <Wang>

**4. Eduard Suess first proposed the existence of these things to explain marine transgressions in his textbook *The Face of the Earth*. J. J. Rogers used evidence from the Kaapvaal region to propose an early one of these objects called Ur. A cycle named for these objects is complemented by the Wilson cycle, and models the periodic closing and opening of the Earth's oceanic (\*) basins; that cycle proposes that these objects are created and destroyed every 500 million years. The largest one of these structures, which contained most of the Earth's cratons, was surrounded by Panthalassa and had a name coined by Alfred Wegener. Laurasia and Gondwanaland are examples of, for 10 points, what extraordinarily large kind of landmass that includes Pangaea?**

ANSWER: **supercontinent** [do not accept or prompt on "continent"] <Jose>

**5. This archipelago contains a series of stone terraces known as the Pyramids of Güímar (gwee-MAR), which were enthusiastically studied by Thor Heyerdahl. This archipelago's island of La Gomera is known for the Silbo Gomero, a whistled language used to communicate across long distances by its native Guanche people. In 1977, the worst accident in aviation history occurred when two Boeing 747s collided on a runway on its island of (\*) Tenerife. In 1936, Francisco Franco was appointed General Commandant of these islands, which sit just off the western coast of Morocco. They are situated south of the Azores and north of the Cape Verde Islands. For 10 points, name these Spanish islands in the Atlantic that are actually named for their dogs, not a type of bird.**

ANSWER: **Canary** Islands [or the **Canaries**; accept Islas **Canarias** (eeh-lah kah-nah-ryah)] <Wang>

**6. Geoffrey of Monmouth states that Julius Caesar had one of these objects called *Crocea Mors*. Svafrlami forced the dwarves Dvalinn and Durin to create one of these objects for him. Rainbows were produced by one of these items owned by Fergus mac Roich. Another of these objects was reconstructed by Regin long after it was removed from Barnstokkr by Sigmund. The cursed Tyrfing, the Caladbolg, and (\*) Gram are all examples of these objects, another of which is thrown into a lake by Sir Bedivere. Freyr owned one of these objects that could fight of its own volition, while the body of Orochi produced one called Kusanagi. In his youth, King Arthur pulled one of these objects from a stone. For 10 points, name this kind of weapon exemplified by Excalibur.**

ANSWER: **swords** [accept **katana**s after "Orochi" is read] <Jose>

**7. As a young man, the historian Arnold Toynbee was tasked by the British government with collecting evidence about this event. This event began in earnest after deserters were blamed for a loss at the Battle of Sarikamish, shortly after which 250 intellectuals were arrested and deported from the capital. Ambassador Henry Morgenthau reported on resistance to this event in the city of Van. Many people were marched through the (\*) desert to Deir ez-Zor during this event with the justification of keeping them away from front-line fighting. Article 301 has been used to prosecute people who discuss this event, which may have killed 1.5 million people. For 10 points, name this event in which large numbers of Christians were systematically killed during World War I by the Turks.**

ANSWER: **Armenian Genocide** [or **Armenian Holocaust** or **Medz Yeghern**] <Bentley>

**8. Ladderane molecules are comprised of repeats of this kind of molecule. Large examples of these compounds have steric interactions between flagpole hydrogens, while small examples of them exhibit so-called "banana bonds" due to angle strain. Connected molecules of this kind can be described as "fused." A molecule must be planar, conjugated and have this property to be considered (\*) aromatic. Haworth projections display sugars as these systems, whose substituents are easily viewed as either axial or equatorial. A certain alkane with this property has chair and boat conformations. For 10 points, identify these molecules which typically have the prefix "cyclo," such as cyclohexane.**

ANSWER: cyclic compounds [or rings; or ring systems; or heterocycles; or macrocycles; or cycloalkanes; or cyclohexanes; or cyclobutanes; or cyclopropanes; prompt on aromatic] <Prieto>

**9. A long essay by Arnold Bennett about the literary type of this concept discusses "How to Read a Classic" and "The Question of Style." This term denotes a social phenomena whose dominant examples inflict symbolic violence according to *Distinction*, Pierre Bourdieu's "social critique of the judgement of [this]." Jean Anthelme Brillat-Savarin (john on-TELM bree-YOTT sah-vah-RANN) wrote about "The Physiology" of another form of this concept in a series of aphoristic essays that pioneered molecular (\*) gastronomy. The Latin saying "de gustibus non est disputandum" suggests there can be "no disputes" about this concept. Fungiform papillae underlie receptors for the sensation known by this term, which includes "umami" as one of its five components. For 10 points, name this sense that is detected with the tongue.**

ANSWER: taste <Jose>

**10. In a poem by this author, a boy hears the "crackle of small lice dying" as "two charming older sisters" pick through his hair. This poet wrote "I sat Beauty on my lap...and I roughed her up" in a poem beginning "A while back, if I remember right, my life was one long party." The speaker of a poem by this author exclaims "I long for Europe with its aged old parapets!" and recalls how some men were nailed to stakes by "gaudy redskins." In a poem by this author, a (\*) dialogue between a Hellish Husband and a Foolish Virgin and a section titled "Alchemy of the Word" make up two "Deliriums." One of his poems is narrated by the title drifting vessel. For 10 points, name this French poet of "The Drunken Boat" and *A Season in Hell* who had a turbulent affair with Paul Verlaine.**

ANSWER: Arthur Rimbaud [or Jean Nicolas Arthur Rimbaud] <Brownstein>

**11. In this country, the GOU secret society led a 1943 coup to overthrow Ramon Castillo, ending its "Infamous Decade". The "Triple A" death squad was founded in this country shortly after right-wing snipers perpetrated a 1973 massacre at the Ezeiza Airport against the left-wing Montoneros. During this country's "National Reorganization Process", thousands of *desaparecidos* were (\*) kidnapped and killed by the government of Jorge Videla. A leader of this country was supported by the *descamisados*, or "shirtless ones", and was succeeded in 1974 by his wife Isabel. The Dirty War was a period of political repression in this country that began after the death of its president Juan Peron. For 10 points, name this country that lost the Falklands War to Britain.**

ANSWER: Argentina [or Argentine Republic or Republica Argentina] <Wang>

**12. The earliest composition of this type with its distinct movements grouped together was found in Tournai. To get a job in Saxony after the death of Augustus the Strong, Johann Sebastian Bach sent an incomplete piece of this type composed in the Neapolitan style to the Dresden court. The Burgundian song L'homme armé ("LUM ar-MAY") was used as the *cantus firmus* for many of these pieces, such as those created by (\*) Josquin des Prez ("joes-CAN de PRAY"). Bach's best-known piece of this type is in 27 movements and is only known by the name of its key - B minor. These pieces usually set five distinct texts to words, some of which are titled "Agnus Dei", "Kyrie", and "Gloria". For 10 points, name these pieces which are played during Catholic Ordinary services.**

ANSWER: mass [or missa; accept Mass in B minor] <Alston>

**13. Joshua Reynolds showed two men engaging in this activity for his double portrait of Colonel Acland and Lord Sydney. It's not horse riding, but the title monarch holds a baton to the ground and turns his neck to face the viewer while taking a break from this activity in a portrait by Anthony van Dyck of King Charles I. Men who have engaged in this activity are the subject of the best-known painting in a series that includes *The Gloomy Day* and *The Harvesters* and depicts (\*) times of the year. Men returning from this activity walk past a family kindling a fire and towards villagers playing games on a frozen lake in a painting by Pieter Bruegel the Elder. For 10 points, name this activity, a common subject of English paintings of men on horses chasing after foxes.**

ANSWER: hunting [or fox hunting; or archery] <Bentley>

**14. A novel by this author contains the short story "Wandering Willie's Tale" within it and is named for a Jacobite who kidnaps his nephew Darsie Latimer in order to help restore Prince Charles Edward to the throne. William Thackeray wrote a sequel to one of this writer's books in which the title character defeats Brian de Bois-Guilbert and Reginald Front-de-Beuf while disguised as a (\*) disinherited knight. In that book by this author of *Redgauntlet*, the title character besieges Torquilstone to rescue Isaac the Jew and his daughter Rebecca. The title character of that novel by this author joins Richard I in the 3rd Crusade after his father Cedric disowns him for falling in love with his ward, the lady Rowena. For 10 points, name this author of *Ivanhoe*.**

ANSWER: Sir Walter Scott <Jose>

**15. These systems are described by the differential equation " $r$  double prime minus  $h$  squared over  $r$  cubed equals  $F$  of  $r$  over  $m$ ." Conservation of energy in these systems is described by the vis-viva equation. These systems can be described by the equation  $M$  equals  $E$  minus epsilon times the sine of  $E$ , where  $M$  is the mean anomaly. "Closed" examples of these systems can be modeled via a central force (\*) two-body problem. These systems, which conserve angular momentum, are described by the equation " $T$  squared is proportional to  $a$  cubed," where  $a$  is the semi-major axis and  $T$  is the period. This type of motion is characterized by elliptical trajectories according to Kepler's first law. For 10 points, name this type of motion exemplified by the Earth's path around the Sun.**

ANSWER: astronomical orbits [accept orbital motion, prompt on planetary motion] <Busse>

**16. These animals are poisoned to provide an answer to an oracle during the *benge* ritual, which is described in Evans-Pritchard's book *Witchcraft, Oracles, and Magic Among the Azande*. An ethnographer observing these animals imagines that a crowd functions as a super-organism when it shouts "pulisi! pulisi!" and distinguishes gambling for status or money in a sport involving these animals. Thick description is used to describe the (\*) fights between these animals in Bali in Clifford Geertz's essay "Deep Play." Metal spurs are often attached to these animals' feet in staged fights. This most common livestock animal was domesticated in Southeast Asia from the red junglefowl. For 10 points, name these birds whose meat and eggs are used by eateries like KFC.**

ANSWER: chickens [or cocks; or fowl; or roosters; or hens] <Jose>

**17. A Trofile assay distinguishes M and T-tropism based on receptors present on these cells' surfaces. The follicular type of these cells are CXCR5 and CXCR4 positive and localize to the Peyer's patches. Upon activation by Signal 1 and Signal 2, these cells secrete interleukin-2 but *not* perforin. The delta-32 mutation in the CCR5 gene greatly enhances (\*) survival of these cells. When mature, all of these cells express CD4, the protein targeted by gp120, on their surfaces. A disease that primarily targets them commonly presents with Kaposi's sarcoma. These cells are activated by MHC class II on professional APCs such as dendritic cells, in contrast with their "cytotoxic" counterparts. For 10 points, name these T cells that are scarce in AIDS patients.**

ANSWER: helper T cells [or helper T lymphocytes; or CD4+ cells; prompt on T cells or T lymphocytes] <Silverman>

**18. The speaker tells this figure that the "thick air is murderous. I would breathe water" at the end of the poem "Full Fathom Five." This figure is told "all by yourself, you are pithy and historical as the Roman Forum" in the poem "The Colossus." A picture of this person depicts him standing at a blackboard with a "cleft in [the] chin instead of [the] foot." This person is described as "Marble-heavy, a bag full of God, (\*) ghastly statue with one gray toe" in a poem titled for him that opens with the line "You do not do, you do not do." That poem tells this person that there's "a stake in your fat black heart" before proclaiming "you bastard, I'm through." For 10 points, identify this person compared to "a man in black with a Meinkampf look" in a Sylvia Plath poem.**

ANSWER: Sylvia Plath's father [or Daddy; or Otto Plath] <Brownstein>

**19. After this king sponsored a contest to create a low-cost alternative to butter, a chemist invented margarine. This leader's relationship with the Countess of Castiglione, a pioneering photography model and spy, was set up to influence his policies towards her country. A general from this monarch's country defeated Ferenc Gyulay at the Battle of Magenta. After the Plombieres Agreement, this monarch's army united with (\*) Victor Emmanuel II's forces to win the Battle of Solferino against Franz Joseph during the Italian Wars for Independence. Baron Haussmann renovated Paris under this ruler. The Paris Commune rose to power after this monarch was captured by Otto von Bismarck's forces at the Battle of Sedan. For 10 points, name this last leader of the Second French Empire.**

ANSWER: Napoleon III [or Louis-Napoleon Bonaparte; prompt on Napoleon; prompt on Bonaparte; do not accept or prompt on "Napoleon Bonaparte"] <Jose>

**20. Women believed to be in this condition are the subject of multi-day dances in the North African *zar* cult. In Santeria, the experience of this condition is referred to as "mounting of the horse" and is encouraged by the music of *bembé* drumming parties. In Jewish folklore, a tzaddik can save someone from this condition by promising salvation to the dybbuk responsible. After a man was saved from this condition in the Gospel of Mark, thousands of (\*) pigs rushed into the sea and drowned. During some Voodoo ceremonies, a devotee enters this state in order to allow Papa Legba and other loas to speak. In the land of the Gerasenes, Jesus speaks to Legion before ridding a man of this condition. For 10 points, identify this condition which can be ended by an exorcism.**

ANSWER: spirit possession [or demonic possession; accept word forms such as being possessed] <Brownstein>

**21. A poem lamenting the treatment of veterans of this war describes a soldier who "feeds on praise, lost in the abyss of want." A poem set during this war describes the "bleating of the flock and the twitter of birds" before imagining "one [who] was safe and asleep in his bed" but would be dead the next day. Another poem which describes this war begins "By the (\*) rude bridge that arched the flood" and describes the flag flown by "embattled farmers." Philip Freneau is called the poet of this war. "Hardly a man is still alive" who remembers a night during this war on which the title character of a poem uses a light in the North Church tower as a signal. For 10 points, name this war whose opening is the setting of Emerson's "Concord Hymn" and Longfellow's "Paul Revere's Ride."**

ANSWER: American Revolution [or Revolutionary War] <Brownstein>



### PACE NSC 2016 - Round 09 - Bonuses

1. Some discoveries made with this invention were initially named after Cosimo II Medici and his brothers. For 10 points each:

[10] Name this invention which built upon the work of Zacharias Janssen and Jacob Metius. Tycho Brahe did not have one of these devices available when making his studies.

ANSWER: refractive **telescopes**

[10] This Italian astronomer used his refractive telescope to discover his namesake moons of Jupiter. This author of *Dialogue Concerning the Two Chief World Systems* was targeted by the Inquisition for his Copernican views.

ANSWER: **Galileo** Galilei

[10] Galileo dedicated the *Two Chief World Systems* to the eighth pope of this name, who had just been elected. That same pope of this name excommunicated Odoardo I of Parma during the War of Castro.

ANSWER: **Urban** VIII <Bentley>

2. In a play by this author that was based on George Villiers' play *The Rehearsal*, Mr. Puff invites Sir Fretful Plagiary to a performance of the play *The Spanish Armada*. For 10 points each:

[10] Name this Irish playwright of *The Critic*, who wrote about the penniless Tom Fashion in *A Trip to Scarborough*.

ANSWER: Richard Brinsley **Sheridan**

[10] In his play *The Rivals*, Sheridan created this character, the guardian of Lydia Languish notorious for misusing words, such as in the statement "He is the very pineapple of politeness."

ANSWER: Mrs. **Malaprop**

[10] In *The Rivals*, Anthony Absolute's father holds this military rank. Another man of this rank, Nemo, appears in Jules Verne's novel *20,000 Leagues Under the Sea*.

ANSWER: **captain** [accept **Captain Absolute** or **Captain Nemo**] <Jose>

3. In 2003, the chef Bernard Loiseau (**lwah-ZOH**) committed suicide amidst rumors that his restaurant's rating would be downgraded by this publication. For 10 points each:

[10] Identify this prestigious French guide book that rates restaurants throughout the world from one to three stars.

ANSWER: **Michelin** Guide

[10] This Japanese sushi master's Michelin three-star restaurant was the subject of a 2011 documentary about how he "Dreams of Sushi."

ANSWER: **Jirō Ono** [accept either underlined portion; accept **Jiro Dreams of Sushi** or **Sukiyabashi Jirō**]

[10] Jirō runs his restaurant Sukiyabashi Jirō from a basement in this Japanese city's Ginza shopping district, located near its massive Tsukiji Fish Market. Surprisingly, this city has almost three times as many Michelin-star restaurants as Paris.

ANSWER: **Tōkyō** <Wang>



4. For 10 points each, answer the following about the photography of *Life* magazine:

[10] The first *Life* cover image was produced by this photographer, who worked with her husband Erskine Caldwell on a photography book that documents the plight of Southern farmers during the Great Depression, titled *You Have Seen Their Faces*.

ANSWER: Margaret **Bourke-White**

[10] *Life* magazine's most iconic photograph may be Alfred Eisenstaedt's photo of a sailor and a nurse embracing following an announcement on August 14, 1945, which is known as this day.

ANSWER: **V-J** Day [or **Victory over Japan** Day or **Victory in the Pacific** Day; or **V-P** Day; prompt on **Victory Day**]

[10] This woman used her connections at *Life* to help fund Edward Steichen's *The Family of Man* exhibit. While working for the Farm Security Administration, she took the photograph *Migrant Mother*.

ANSWER: Dorothea **Lange** <Jose>

5. This man recalls a friend's claim that John Updike "makes misogyny seem literary the same way Rush [Limbaugh] makes fascism seem funny" in a review of the novel *Toward the End of Time*. For 10 points each:

[10] Name this essayist whose other works include a profile of John McCain called "Up, Simba," which is collected in a book whose title essay, "Consider the Lobster," describes a festival in Maine.

ANSWER: David Foster **Wallace**

[10] Wallace also wrote this massive novel. The title of this novel is taken from *Hamlet* and names a film cartridge made by its character James O. Incandenza.

ANSWER: ***Infinite Jest***

[10] In *Infinite Jest*, Incandenza founds an academy in Enfield, MA, for the teaching of this sport. Wallace's essay "How Tracy Austin Broke My Heart" discusses a memoir by a former player of this sport.

ANSWER: **tennis** <Jose>

6. The first, second, and fourth movements of this composer's *Symphony no. 5 in B-flat major* begin with *pizzicato* strings. For 10 points each:

[10] Name this Austrian composer who composed a "Hunt Scherzo" for his E-flat major fourth symphony, which was nicknamed for its evocation of medieval legends, not love.

ANSWER: Anton **Bruckner**

[10] This is the nickname of Bruckner's fourth symphony. It also denotes the era of music following the Classical, during which Bruckner composed.

ANSWER: **Romanticism**

[10] The only one of Bruckner's symphonies to use the harp is his symphony of this number, which is in C minor and is sometimes called "the Apocalyptic."

ANSWER: **8** [or **eighth**] <Gupta>

7. This woman allegedly had an affair with former U.S. presidential candidate Wendell Willkie. For 10 points each:

[10] Name this woman who died in 2005 at the age of 105. She was noted for her trips abroad to promote the Nationalist cause and for her work as her husband's translator.

ANSWER: **Soong May-ling** [or **Madame Chiang Kai-shek**; or answers such as **Mrs. Chiang**]

[10] In 1949, Madame Chiang Kai-shek, along with her husband, fled to this island after China fell to the Communists. This island became the Republic of China.

ANSWER: **Taiwan** [or **Formosa**]

[10] Taiwan joined this country, whose longtime leader was Lee Kuan Yew, as one of the economically powerful "Four Asian Tigers." Stamford Raffles founded this country as a trading post.

ANSWER: Republic of **Singapore** <Cheyne>

8. Magnetocrystalline anisotropies in ferromagnetic materials are caused by this interaction. For 10 points each:

[10] Name this effect in which the magnetic moment arising from the intrinsic angular momentum of a particle and the magnetic field of the particle causes a shift in the system's energy levels.

ANSWER: **spin-orbit** coupling

[10] The magnetic moment of these elements is altered due to the strength of spin-orbit coupling. These elements, which correspond to numbers 57-71 on the periodic table, lie above the actinides and are named for a rare-earth element.

ANSWER: **lanthanides**

[10] Another spin interaction is Kugel–Khomskii coupling, in which spin and the number of these quantities are linked. A linear molecule has 2 of these, while possessing " $3N$  minus 5 vibrational" ones.

ANSWER: **degrees of freedom** <Jose>

9. Name the following places from Arthurian mythology, for 10 points each.

[10] King Arthur held his court at this castle, the site of the Round Table.

ANSWER: **Camelot**

[10] In some stories, Arthur was only mortally wounded at the Battle of Camlann. Rather than dying, he was taken by Morgan le Fay to this legendary island.

ANSWER: **Avalon**

[10] According to the *Annales Cambriae*, Uther Pendragon sleeps with Ygraine in this fortification, which is the birthplace of King Arthur. Gorlois wrongly believes it to be the safest castle in all of Britain.

ANSWER: **Tintagel** Castle <Jose>

10. This theorem is a special case of the mean value theorem. For 10 points each:

[10] Name this theorem which basically states that if a function  $f$  is continuous on an interval from  $a$  to  $b$  and  $f(a) = f(b)$  [" $f$  of  $a$  equals  $f$  of  $b$ "], then there exists at least one point  $c$  in the interval where  $f'(c)$  [" $f$  prime of  $c$ "] equals zero.

ANSWER: **Rolle's** theorem

[10] Rolle's theorem can be equivalently stated as "there exists a line that has this property to the function that has a slope of zero." Lines with this property "barely touch" a shape or curve at one point.

ANSWER: **tangent** line

[10] The interval on  $a$  to  $b$  has this property for Rolle's theorem. Intervals with this property include their limit points.

ANSWER: **closed** interval [accept **close** and word forms of "closed"] <Jose>

11. Answer the following about Renaissance artist Antonio del Pollaiuolo, for 10 points each.

[10] Pollaiuolo painted this man from Greek mythology about to club one of his foes. The "Farnese" (**far-nay-zay**) statue of this man depicts him leaning on his club, which is covered with the skin of the Nemean Lion.

ANSWER: **Hercules** [or **Heracles**]

[10] Pollaiuolo made an engraving which depicts this many nude men battling it out. Childe Hassam and other impressionism-influenced American painters made up a group named for this number.

ANSWER: the **Ten** [or *Battle of the **Ten** Nudes*]

[10] Pollaiuolo depicted these two figures in the middle of the transformation described in the *Metamorphoses*. A Bernini sculpture depicts both of these figures mid-stride on a rocky base, with the male grabbing the female's waist.

ANSWER: **Apollo** and **Daphne** [or **Daphne** and **Apollo**] <Bentley>

12. An ax-wielding spirit smashes the bones of the Wise Men in Cologne in this author's satirical epic *Germany: A Winter's Tale*. For 10 points each:

[10] Name this German poet whose lyric poetry, such as his poem about a siren on the Rhine named Lorelei, was often set to music by 19th century composers,

ANSWER: Heinrich **Heine**

[10] Heine was a member of this early 19th century literary movement, which in Germany grew out of the Sturm und Drang style. This movement generally championed emotion over reason and the beauty of nature over civilization.

ANSWER: **Romanticism**

[10] One of Heine's political poems describes people of this profession in Silesia whose "gloom-enveloped eyes are tearless." Old Baumert kills his dog for food in a Gerhart Hauptmann play titled for people of this profession.

ANSWER: **weavers** [or die **weber**] <Brownstein>

13. The shape of members of this phylum is maintained by the mesohyl, an endoskeleton surrounded by choanocytes, as well as by needle-like spicules. For 10 points each:

[10] Name this phylum which is oddly not classified as part of Eumetazoa, mainly because animals in this phylum have no symmetry.

ANSWER: **Porifera** [prompt on sponges]

[10] Eumetazoa is usually said to encompass bilaterally symmetric organisms, ctenophores, and this other invertebrate phylum, which is radially symmetric. Its members include jellyfish and corals.

ANSWER: **Cnidaria** [or **cnidarians**]

[10] Three of the four classes of sponges are distinguished by having spicules made of this compound. This inorganic compound is biomineralized to form complex, bilaterally symmetric structures called frustules.

ANSWER: **silica** [or **silicon dioxide**; or **SiO<sub>2</sub>**] <Jose>

14. Stepan Bandera led this country's nationalist movement, which carried out massacres of Poles in Volhynia and Eastern Galicia. For 10 points each:

[10] Name this modern-day country where the Yalta Conference was held. Over 600,000 Soviets were killed or captured during the Nazi encirclement of its capital, Kiev.

ANSWER: **Ukraine** [or **Ukrayina**]

[10] Prisoners of the Syrets concentration camp were forced to clean up all signs of a massacre at this ravine outside Kiev, where 33,000 Jews were killed.

ANSWER: **Babi Yar**

[10] This other massacre of Poles was ordered by Lavrentiy Beria. The USSR blamed this incident on Nazi Germany until classified documents were released in 1990.

ANSWER: **Katyn** Forest massacre <Golimlim>

15. The sexologist John Money was the first to argue that this six-letter word is a non-biological category. For 10 points each:

[10] Name this classification which, unlike sex, is often held to be socially constructed. A binary approach to this construct might classify individuals as masculine or feminine.

ANSWER: **gender**

[10] Castration is frequently undergone by this "third gender" class of India, whose patron goddess is Bahuchara Mata. They belong to a separate caste in Hindu society.

ANSWER: **hijra**

[10] This psychologist's namesake scale, which ranges from 0-6, suggests that sexuality is not merely binary. His namesake "Reports" are two books on the nature of sex based on interviews he conducted with thousands of men and women.

ANSWER: Alfred Charles **Kinsey** <Jose>

16. A practice known as "blood-flashing," in which people inject each other's heroin-laced blood into their bodies, has become common in this city. For 10 points each:

[10] Name this African city whose status as a major smuggling hub has created a major drug crisis for its population.

ANSWER: **Mombasa**

[10] Mombasa is one of the many stops along a new heroin-trafficking route that begins in this country. Much of its opium production was restricted during the rule of the Taliban.

ANSWER: Islamic Republic of **Afghanistan**

[10] This current Kenyan president has taken increased measures to curb the illegal heroin trade, including having his Interior Ministry blow up a drug-smuggling yacht in August 2015.

ANSWER: **Uhuru Kenyatta** [prompt on **Kenyatta**] <Golimlim>

17. For 10 points each, answer the following about Jewish immigration to the United States.

[10] Many Jews that immigrated to the United States had their passports processed at a facility on this island off the coast of New York City.

ANSWER: **Ellis** Island

[10] This Texas city's namesake "movement" encouraged Jews to immigrate through it rather than New York, leading it to be nicknamed the "Ellis Island of the South." It was essentially destroyed by a gigantic hurricane in 1900.

ANSWER: **Galveston**

[10] Jewish immigration from Eastern Europe was restricted by a 1924 Immigration act named for Albert Johnson and a senator with this surname. A speaker of the House with this surname introduced namesake "rules" to combat the disappearing quorum tactic during the 1890s.

ANSWER: **Reed** <Weiser>

18. These electric circuit components consist of a coil of wire and often contain a magnetic core. For 10 points each:

[10] Name these objects measured in henries.

ANSWER: **inductors**

[10] Circuits attain resonance when their frequency is the reciprocal of the square root of this quantity times inductance. This quantity is measured in farads.

ANSWER: **capacitance**

[10] In terms of current and inductance, give the expression for the total amount of energy stored in an inductor.

ANSWER: **one-half L I squared** [or **one half times inductance times current squared**, accept equivalents] <Reinstein>

19. A book called *Venus in the Cloister* was targeted with this action after it was published in England in 1724. For 10 points each:

[10] Name this suppression of speech and works of literature. The novel *Fanny Hill* had this done to it and was banned in the U.S. for its ribald descriptions of sex.

ANSWER: **censorship** [accept word forms]

[10] Ironically, this 17th-century author's treatise on the free press, *Areopagitica*, was censored when it came out. He argued for a separation between church and state in *A Treatise of Civil Power*.

ANSWER: John **Milton**

[10] Robert Walpole began censoring plays after he and his cabinet were satirized in this author's play *Rape upon Rape*. This author also satirized Samuel Richardson in his novel *Shamela*.

ANSWER: Henry **Fielding** <Jose>

20. Before an invasion of this city, a man was asked, "Art thou for us, or for our adversaries?" He replied, "Nay; but as captain of the host of the Lord am I now come." For 10 points each:

[10] Name this home of the prostitute Rahab, whose life was spared after she hid two spies.

ANSWER: **Jericho**

[10] This successor of Moses led an army whose priest's trumpets felled the walls of Jericho. His namesake book is the sixth of the Hebrew Bible, and the first to follow the Torah.

ANSWER: **Joshua** [or **Yehoshua** or **Jehoshua** or **Hoshe'a**]

[10] After conquering Jericho and Ai, Joshua was tricked into allying with this city. He defended this city from an Amorite coalition with the help of deadly hailstones and a suspension of the sun's motion.

ANSWER: **Gibeon** [do not accept or prompt on "Gideon"] <Reinstein>

21. In Greek myth, Deucalion and Pyrrha repopulated the world after one of these calamities by tossing stones over their shoulders. For 10 points each:

[10] Name this type of mythological calamity. The Sumerian king Ziusudra and the Akkadian hero Atrahasis both survived them by building boats.

ANSWER: **floods** [or **deluges**]

[10] In the *Atrahasis* epic, this Sumerian god of freshwater, seawater, and crafts saves humanity by teaching Atrahasis how to survive the flood sent by Enlil. He was later known as Ea.

ANSWER: **Enki**

[10] In the *Epic of Gilgamesh*, the title character encounters this man, who survived an ancient flood. Gilgamesh finds an herb of immortality after visiting this man.

ANSWER: **Utnapishtim** [or **Utanapishtim**] <Jose>