



## 2016 Washington/Hickman Academic Questionfest (WHAQ)

Edited by Jacob O'Rourke (Head Editor); David Dennis; Seth Ebner;  
Chris Chiego, and Jake Sundberg. Special Thanks goes to Eric Mukherjee and Sean  
Phillips.

Written by members of the Washington (Joe Stitz, Spencer Johnson, Carrie Derner, Matt  
Chalem, Jonathan Amlong, Cole Phinney) and Hickman (Alex Harmata, Diana Harmata,  
Wenzer Qin, Sherry Xie, Owen Pasley, Jackson Atkins, Stephen Bunch and Dinis  
Trindade) Teams

### Packet 12

#### Tossups

1. This holiday's animal sacrifices are today only conducted by the Samaritans, who celebrate it on Mt. Gerizim. Songs at this holiday's central event include one about a little goat, "Chad Gadyam," and one that repeatedly exclaims "it would have been enough for us", or "Dayenu." The ritual hand washing of ur'chatz occurs on this holiday. This holiday begins on the 15th of(\*) Nisan and lasts either 7 or 8 days. The youngest child typically asks the "four questions" during a feast on this holiday, whose celebrants eat flat unleavened bread called matzoh ("maht-suh") during its seder ("sey-der"). For 10 points, name this holiday that commemorates the Jewish people's exodus from Egypt.

ANSWER: Passover [or Pesach; or Pesah] <Spencer Johnson>/<ed. Jacob, Seth>

2. This disease is highly associated with male infertility due to the congenital absence of the vas deferens. One theory regarding the survival of this disease suggests that heterozygote carriers for it had a selective advantage against cholera. This disease is diagnosed by measuring the concentration of excreted chloride in the(\*) sweat test, and is named for scar tissue formed in the pancreas. For 10 points, name this autosomal recessive disorder in which thick sticky mucus builds up and causes problems in the digestive and respiratory systems.

ANSWER: Cystic fibrosis [or CF] <Wenzer Qin/ed. David Dennis>

3. In this poem, a "Smyrna merchant" invites the narrator to take a "weekend at the Metropole" and "to luncheon at the Cannon Street Hotel." A character in this poem says that "those are pearls that were his eyes" when describing the card of the "drowned Phoenician Sailor." This poem's narrator meets Mr. Eugenides ("yoo-JEN-a-deez") and Madame Sosostri ("soh-SOS-trihs"), and this poem declares "I will show you(\*) fear in a handful of dust" in its section "The Burial of the Dead." This poem begins with the line "April is the cruellest month." For 10 points, name this modernist poem by T.S. Eliot.

ANSWER: "The Waste Land" <Joe Stitz>/<ed. Jacob>

4. A drummer on the right of this painting has been partially cut off due to alterations that removed two figures on the left. A shield hanging over an arched gateway in the background bears the name of the eighteen people who commissioned this painting. A man in red on the left of this painting is shown reloading his(\*) rifle in front of an illuminated girl in a yellow dress carrying a chicken. The girl stares at this painting's main figure, who wears black clothing and a red sash across his chest. For 10 points, name this painting by Rembrandt that depicts the militia of Captain Franz Banning Cocq.

ANSWER: The Night Watch [or The Militia Company of District II under the Command of Captain Frans Banninck Cocq before "Franz" is read; or The Shooting Company of Frans Banning Cocq and Willem van Ruytenburch before "Franz" is read] <Wenzer Qin>/<ed. Seth Ebner>

5. One side in this war was banned from using the Suez Canal after it mistook British fishing ships for enemy torpedo boats. After this war's Dogger Bank Incident, one side's Baltic Fleet was virtually annihilated at the Battle of Tsushima. This war started after Admiral Togo launched a surprise attack on the Pacific Fleet at(\*) Port Arthur, and Theodore Roosevelt ended this war by negotiating the Treaty of Portsmouth. For 10 points, name this war that Tsar Nicholas II's forces lost to the forces of an island nation.

ANSWER: Russo-Japanese War [or any answer that suggests that the Russian Empire and the Empire of Japan are fighting a war] <Cole Phinney>/<ed. Jacob>

6. This poet wrote about a man whose "true Penelope was Flaubert" and who seeks to "resuscitate the dead art of poetry." A poem translated by this man is about a woman who would "come out to meet you as far as Cho-fu-sa." A two line poem by this author of "Hugh Selwyn Mauberly" states, "the apparition of these faces ,(\*) petals on a wet, black bough." This translator of Li Po and author of "In a Station of the Metro" wrote the "Pisan" section of a collection while he was imprisoned for treason against the Allies. For 10 points, name this American modernist poet of *The Cantos*.

ANSWER: Ezra Pound [or Ezra Weston Loomis Pound] <Joe Stitz>/<ed. Jacob>

7. One of her subordinates in an animated series is named M'Ress. Her first name is Nyota. Her portrayer would have quit the show she appeared in but for the intercession of Martin Luther King,(\*) Jr. The episode "Plato's Stepchildren" featured tv's first interracial kiss between this character and Captain Kirk. For 10 points, name this Nichelle Nichols-played communications officer on the Starship *Enterprise*.

ANSWER: Nyota Uhura [or Lieutenant Uhura] <Sean Phillips>/<ed Jacob>

8. Alex Salmond called this person "three times a loser" after this person attempted to stop some wind farms from being built in Scotland. This former owner of the New Jersey Generals wrote in the New York Times that he was leaving the Reform Party because of the involvement of Lenora Fulani, Pat Buchanan and(\*) David Duke in 2000. This owner of Wollman Ice Rink and Mar-a-Lago switched parties again in 2009. Our Principles PAC ran attack ads against this man featuring some of his statements about women. For 10 points, name this winner of the 2016 Presidential election.

ANSWER: Donald John Trump <David Dennis>

9. Due to its chaotic nature, one of these acts was nicknamed the “Mongrel” one by its critics. Woodrow Wilson became the first president since John Adams to go before Congress to encourage the passage of one of these acts sponsored by Oscar Underwood, which reduced the rates of the Payne-Aldrich one. The Great Depression may have been(\*) worsened after the passage of one of these acts named for Hawley and Smoot. These business protecting acts were reduced between Canada, Mexico and the U.S. upon the signing of NAFTA. For 10 points, name these taxes on imported goods.

ANSWER: Tariffs [or Smoot-Hawley Tariff; or Hawley-Smoot Tariff; or the Underwood Tariff; or the Payne-Aldrich Tariff; or the “Mongrel” Tariff; or the Tariff of 1883] <Cole Phinney>/<ed. Jacob>

10. The argument that the fauna of this period left no modern descendants was the major argument of Harvard scientist Stephen Jay Gould. Bryozoa (“brahy-uh-zoh-uh”) are the only modern phyla with a fossil record that doesn’t begin during this period. Charles Walcott discovered many important fossils from this period in the(\*) Burgess Shale. This period was preceded by the Vendian period and followed by the Ordovician (“awr-duh-vish-uhn”). This period, which saw the oxygenation of the Earth’s oceans, was the first period of the Paleozoic (“pey-lee-uh-zoh-ik”) era. For 10 points, name this geologic period that saw a namesake “explosion” of multicellular life.

ANSWER: Cambrian (“kam-bree-uhn”) period [or Cambrian explosion] <David Dennis>/<ed. Jacob>

11. This river receives the Henrys Fork before flowing across a namesake plain that includes the volcanic Craters of the Moon National Monument. This river drains the Palouse Hills before joining another river at Kennewick. Travelers on the Oregon Trail crossed this river at Three Islands shortly after leaving Fort Hall. This river’s(\*) Hells Canyon section has been heavily dammed. This river flows through Jackson Hole and part of Grand Teton National Park. For 10 points, name this river of the Pacific Northwest, the largest tributary of the Columbia.

ANSWER: Snake River <Alex Harmata>/<ed. Chris Chiego>

12. This battle started after Harry Heth (“Heeth”) sent Johnston Pettigrew to allegedly look for shoes. Daniel Sickles lost his leg while defending the Peach Orchard during this battle. During this battle, Joshua Chamberlain led a bayonet charge of the(\*) 20th Maine that secured Little Round Top. On the third day of this battle, the Confederates launched a disastrous assault toward Cemetery Ridge that was known as “Pickett’s Charge.” For 10 points, name this July 1863 Civil War battle in Pennsylvania.

ANSWER: Battle of Gettysburg <Cole Phinney>/<ed. Jacob>

13. Alesina and Summers found that this phenomenon decreases as central bank independence increases. The Mundell–Tobin effect suggests that the rate of this phenomenon will rise faster than interest rates. It is represented by  $\pi$  in the Fisher Equation. To combat this phenomenon, (\*) Federal Reserve chairman Paul Volcker raised the federal funds and prime rates, intentionally causing a recession. Robert Gordon's triangle model of this phenomenon adds a "built-in" component along with supply shocks to the short-term Phillips curve model. For 10 points, name this increase in the overall price level.

ANSWER: Inflation <David Dennis>/<ed. Jacob>

14. The MOPS variety of these types of compounds contain a morpholine ring and are used in gel electrophoresis of RNA. Twelve of these types of compounds, including Tricine and Bicine, were described by Norman Good and are commonly used in biological research. These solutions, whose effectiveness derive from the (\*) common ion effect, can have their effectiveness measured using the Henderson-Hasselbalch equation. These solutions, consisting of weak acids and their conjugate bases, have their largest capacity when their pH equals their pKa. For 10 points, name this type of solution which can resist changes in pH.

ANSWER: buffer solutions <David Dennis>

15. In Evelyn Waugh's ("Waah's") novel *A Handful of Dust*, Tony Last is forced to read this author's works to Mr. Todd. The title character of a novel by this man is sent to Dotheboys Hall, which is run by the one-eyed man, Squeers. This author of *Nicholas Nickleby* wrote a novel where Sydney (\*) Carton takes Charles Darnay's place on the guillotine. This man created the wealthy benefactor Abel Magwitch, who adopts "Pip." For 10 points, name this British author of *Great Expectations* and *A Tale of Two Cities*.

ANSWER: Charles Dickens [Charles John Huffam Dickens] <Joe Stitz>/<ed. Jacob>

16. After Cecile Renault attempted to stab this man with two small knives, Georges Couthon enacted the Law of 22 Prairial. This man's close ally Saint-Just helped him to direct the trial and execution of Georges Danton. This leader replaced the atheistic Cult of Reason with the deistic Cult of the (\*) Supreme Being. This member of the Committee of Public Safety was executed during the Thermidorian Reaction. For 10 points, name this "Incorruptible" Jacobin that led the "Reign of Terror" during the French Revolution.

ANSWER: Maximilien Robespierre [Maximilien François Marie Isidore de Robespierre] <Cole Phinney>/<ed. Jacob>

17. Sigmund receives his sword from one of these objects called Barnstokkr, which stood in the center of the hall of King Volsung. Phaethon's ("fey-uh-thon's") sisters mourned until their tears turned to amber and they turned into these objects. Baucis ("baw-sis") and Philemon ("fi-luh-mohn") are (\*) transformed into these objects when they die. The dragon Nidhogg ("need-hawg") gnaws at the bottom of one of these objects, which the squirrel Ratatosk runs on. To end her pursuit by Apollo, Daphne asked her father to turn her into one of these organisms. For 10 points, name these plants exemplified in Norse mythology by the World Ash one, Yggdrasil ("ig-druh-sil").

ANSWER: trees [or world trees; or poplar trees; or ash trees] <Joe Stitz>/<ed. Jacob>

18. This work's original choreography was reused in a revival by the Joffrey Ballet in 1987. Nicholas Roerich designed the original set for this piece, which also used inspiration from Lithuanian folk music. This work opens with a high bassoon solo and features sections entitled(\*) "Game of Abduction" and "Dance of the Earth." In its section "The Sacrifice", a young woman dances herself to death. For 10 points, name this ballet by Igor Stravinsky which caused riots at its 1913 premiere.

ANSWER: *The Rite of Spring* [*Le Sacre du printemps*; or *Vesna syvashchennaya*] <Joe Stitz/ed. David Dennis>

19. In this novel, a priestess of Agbala named Chielo is followed to ensure that Ezinma is not harmed. Ekwefi ("EGG-whif-ee") married the protagonist of this novel after seeing him defeat "the Cat" in a wrestling match. The protagonist of this novel is exiled for seven years after his gun goes off and disrupts Ezeudu's ("eh-ZOO-doo") funeral. In this novel, the protagonist participates in the ritual killing of his stepson(\*) Ikemefuna. ("IHG-eh-meh-FOO-nah") The protagonist of this novel hangs himself after killing a messenger sent to break up a meeting in Umuofia ("Oo-MOH-fee-ah"). For 10 points, name this Chinua Achebe novel about Okonkwo.

ANSWER: *Things Fall Apart* <Wenzer Qin>/<ed. Jacob>

20. Hopkinson's Law, a counterpart to this statement, says that magnetomotive force is proportional to magnetic reluctance. Gustav Kirchhoff's generalization of this law states that current density at a point is equal to the electric field at that point times the conductivity of the material. When applied to AC circuits, one quantity in this equation must be replaced by(\*) impedance. This law allows one to derive that power is proportional to both the square of current and the square of voltage. For 10 points, name this law of circuitry which states that voltage equals current times resistance.

ANSWER: Ohm's Law <Andy Sun>/<ed. Seth Ebner>

Tiebreaker

One major party nominee in this election came under fire for suggesting that trees cause more pollution than cars. The first debate of this presidential election almost featured an empty chair for the incumbent, who chose not to participate due to the inclusion of John Anderson, a third party candidate. During the second debate of this election, the winning candidate asked "are you(\*) better off than you were four years ago?" An issue during this election was the ongoing Iran Hostage Crisis. For 10 points, name this election where incumbent Jimmy Carter lost to Ronald Reagan.

ANSWER: Election of 1980 [prompt on 80; prompt on descriptive answers, such as the election between Ronald Reagan and Jimmy Carter or the election Reagan won] <David Dennis>/<ed. Jacob>

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## **Bonuses**

1. The narrator of this story correctly replies “the word chess” when he is asked “In a riddle whose answer is chess, what is the only prohibited word?” For 10 points each:

[10] Name this story, where Dr. Yu Tsun kills the sinologist Stephen Albert to signal to the Germans where the location of an artillery park is.

ANSWER: “The **Garden of Forking Paths**”

[10] This blind Argentinian author of “The Garden of Forking Paths” included it in his collection *Ficciones*. His other stories include “The Library of Babel.”

ANSWER: Jorge Luis **Borges** [Jorge Francisco Isidoro Luis **Borges**]

[10] Borges’ story “The House of Asterion” is narrated by this mythological creature. At the end of the story, Theseus notes that “[this creature] scarcely defended himself.”

ANSWER: the **Minotaur** [or the Cretan **Minotaur**] <Joe Stitz>/<ed. Jacob>

2. A *cantus firmus* version of this musical setting is one where all five different sections share a common musical theme or melody. For 10 points each:

[10] Name this common set of choral music texts, consisting of the liturgy of the Eucharist. The ordinary of this setting includes sections such as the *Kyrie* (“**KEE-ree-eh**”), *Credo* and *Agnus Dei* (“**AH-nyoos DAY-ee**”).

ANSWER: Roman Catholic **Mass** [or **Missa**]

[10] Hans Pfitzner wrote an opera in where this composer’s writing of the *Pope Marcellus Mass* was to convince the Council of Trent not to ban polyphonic music.

ANSWER: Giovanni Perluigi de **Palestrina**

[10] This composer’s *MASS* is a “Theater Piece for Singers, Players, and Dancers” where the Celebrant sings “A Simple Song” but breaks the wine chalice. This composer also wrote *West Side Story*.

ANSWER: Leonard **Bernstein** <David Dennis>

3. Uranium mining led to the founding of Uranium City on the north shore of this remnant of the glacial Lake McConnell. For 10 points each:

[10] Name this Canadian lake, which along with a namesake river is a major source of tar oil sands.

ANSWER: Lake **Athabasca**

[10] Lake Athabasca is part of the province of Saskatchewan, which along with Manitoba is known as this kind of province in honor of their grassland terrain. A Canadian TV show was named for a “Little Mosque on” this kind of terrain.

ANSWER: **prairie** [or the **Prairie** Provinces]

[10] Saskatchewan and Alberta contain several tributaries of this longest Canadian river, once named “Disappointment River” by its namesake explorer after it failed to be the Northwest Passage.

ANSWER: **Mackenzie** River <Alex Harmata>/<ed. Chris Chiego>

4. This president fired over 11,000 striking members of the Air Traffic Controllers Unions. For 10 points each:

[10] Name this president. In an attempt to impress Jodie Foster, John Hinckley Jr. attempted to assassinate this president in 1981.

ANSWER: Ronald Wilson **Reagan**

[10] Reagan's second term in office saw this scandal, where profits from arm sales to the Ayatollah Khomeini's government went to fund Nicaraguan rebels opposing the Sandinistas.

ANSWER: **Iran-Contra** Affair [or **Iran-Contra** Scandal]

[10] This Secretary of State under Reagan wrongly stated "I am in control here" after learning that Reagan had been shot. He also attempted to mediate the Falklands War.

ANSWER: Alexander **Haig** [Alexander Meigs **Haig**, Jr.] <Diana Harmata>/<ed. Jacob>

5. Examples of these properties include freezing point depression and osmotic pressure. For 10 points each:

[10] Name these properties of solutions which depend on the number, not identity, of solute particles.

ANSWER: **colligative** properties

[10] Another colligative property is the elevation of this point. This point occurs at a higher temperature as non-volatile solvent concentration is increased.

ANSWER: **boiling** point

[10] This value, named for a Dutch chemist, is symbolized *i* and measures the effect a dissolved solute has on colligative properties.

ANSWER: **van 't Hoff factor** <Alex Harmata/ed. David Dennis>

6. Answer the following about creatures in Celtic mythology and folklore. For 10 points each:

[10] These figures are typically very mischievous and often grant 3 wishes if humans catch them. An urban legend typically states that they have pots of gold hidden at the end of the rainbow.

ANSWER: **Leprechauns**

[10] These female spirits are usually considered an omen of death and are known for emitting bloodcurdling screams when someone is about to die.

ANSWER: **Banshees**

[10] These sinister spirits that haunt Scottish and Irish rivers often transform into horses. After drowning their victims, these spirits would sometimes throw the entrails to the water's edge.

ANSWER: **Kelpies** [or water **kelpies**] <Wenzer Qin>/<ed. Jacob>

7. On Earth, the acceleration of an object due to this force is about 9.8 meters per second squared. For 10 points each:

[10] Name this force whose universal form is the weakest of the four fundamental forces.

ANSWER: **gravity** [or universal **gravitation** or standard **gravitation**]

[10] The force of gravity between two point masses is proportional to this function of their separation distance. The relation is analogous Coulomb's law.

ANSWER: **inverse square** [or "**to the negative 2;**" or "**to the negative second** power"]

[10] The gravitational constant was determined by this man using a torsion balance. He was the first to recognize hydrogen gas as a unique substance.

ANSWER: Henry **Cavendish** <Alex Harmata>/<ed. Seth Ebner>

8. Born in Alton, Illinois, this artist's first "great quintet" featured John Coltrane and Paul Chambers. For 10 points each:

[10] Name this jazz trumpeter known for songs like "Freddie Freeloader" and "So What" on his album *Kind of Blue*.

ANSWER: Miles **Davis**

[10] Originally written for this six-stringed instrument, Rodrigo's *Concerto de Aranjuez* ("**ah-ran-WHEZ**") is featured on Miles Davis' album *Sketches of Spain*.

ANSWER: **Guitar**

[10] Miles Davis and Gil Evans collaborated on an album named after this George Gershwin opera. It features the song "Summertime."

ANSWER: **Porgy and Bess** <David Dennis>

9. This character nails a golden doubloon to the mast of his ship and has a prosthetic leg made from the jaw of a sperm whale. For 10 points each:

[10] Name this captain of the *Pequod*, who is dragged away with the title creature in the novel he appears in.

ANSWER: Captain **Ahab**

[10] Captain Ahab appears in this Herman Melville novel. In this novel, the narrator Ishmael bunks with Queequeg at an inn, then joins Ahab on the search for the title animal.

ANSWER: **Moby Dick** [**Moby Dick**; or **The Whale**]

[10] Queequeg is originally from this fictional island in the South Pacific Ocean, which Ishmael fears is home to cannibals. Queequeg is the son of this island's chieftain.

ANSWER: **Kokovoko** [or **Rokovoko**] <Joe Stitz>/<ed. Jacob>

10. Prior to this campaign, Raynald of Chatillon was executed after The Battle of the Horns of Hattin. For 10 points each:

[10] Name this crusade, where Frederick Barbarossa drowned while attempting to cross the Saleph river. The Teutonic Knights were founded during this crusade.

ANSWER: **Third** Crusade [or The **King's** Crusade; or Crusade of **Kings**]

[10] This English King organized the Third Crusade along with Philip II of France. This son of Eleanor of Aquitaine gained his epithet due to his military prowess.

ANSWER: **Richard the Lionheart** [or **Richard I**; or **Richard Couer-de-Lion**; prompt on **Richard**]

[10] This man's conquest of Jerusalem sparked the Third Crusade. This founder of the Ayyubid Dynasty allowed Christian pilgrimages to Jerusalem after fighting Richard at Arsuf and Jaffa.

ANSWER: **Saladin** [An-Nasir **Salah ah-Din** Yusuf ibn Ayyub] <Cole Phinney>/<ed. Jacob>



11. Show your prowess at understanding the science of things you use almost every day. For 10 points each:

[10] Microwave ovens heat food by exciting this molecule with microwave radiation. This universal solvent is formed when hydrogen combusts.

ANSWER: water [or H<sub>2</sub>O; or dihydrogen monoxide; or DHMO]

[10] This type of printer contains a negatively charged drum which selectively attracts electrically charged toner. Heat is then used to fuse the toner of this type of printer to the paper.

ANSWER: laser printer [or laserjet printer]

[10] Soaps and detergents contain negatively-charged functional groups. Detergents contain sulfonates, while soaps contain this functional group, making soaps less soluble in hard water.

ANSWER: carboxyl (“kahr-bok-sil”) [or carboxylate; or carboxylic acids; or C(=O)OH; or RCOOH] <Alex Harmata>/<ed. Jacob>

12. For 10 points each, answer these questions about the founders of various religions.

[10] The Hadith record the words and deeds of this man, a founder of an Abrahamic religion who first received revelations through the archangel Gabriel in the Cave of Hira.

ANSWER: Mohammed [the Prophet Muhammad; or Abu al-Qasim Muhammad ibn Abd Allah ibn Abd al-Muttalib ibn Hashim]

[10] This author of *Kitáb-i-Aqdas* and the *Hidden Words* claimed to be the prophetic fulfilment of Bábism. The religion he founded is governed by the Universal House of Justice.

ANSWER: Bahá'u'lláh [Bahaallah; or Mirza Husayn Ali Nuri]

[10] This occultist claimed he wrote *The Book of the Law* after being contacted by the being Aiwass. He founded the religion of Thelema, which advises followers to “do what thou wilt.”

ANSWER: Aleister Crowley <Spencer Johnson>/<ed. Jacob>

13. This play begins with the title characters repeatedly flipping a coin, which lands on heads over ninety times. For 10 points each:

[10] Name this absurdist play about the fates of two minor Shakespeare characters.

ANSWER: *Rosencrantz and Guildenstern are Dead*

[10] *Rosencrantz and Guildenstern are Dead* was written by this playwright. This man wrote about Septimus Hodge tutoring Thomasina Coverley in *Arcadia*.

ANSWER: Tom Stoppard [Sir Tom Stoppard; or Tomas Straussler]

[10] Rosencrantz and Guildenstern are friends of this title character of a Shakespeare tragedy. This prince of Denmark wonders whether “to be, or not to be” and kills his uncle Claudius.

ANSWER: Hamlet [or Prince Hamlet; or *The Tragedy of Hamlet, Prince of Denmark*] <Carrie Derner>/<ed. Jacob>

14. Tyrrhenus and Tarchun founded this civilization’s league of twelve cities. For 10 points each:

[10] Name this ancient Italian civilization, which was once led by Lars Porsena.

ANSWER: Etruscan civilization [or Tusci; or Etrusci]

[10] The Etruscans were replaced in influence by a civilization located in this city. This city was allegedly founded by the twin brothers Romulus and Remus.

ANSWER: Rome [or Roma]

[10] This last King of Rome was of Etruscan origin. After this king’s son raped Lucretia, the wife of Collatinus, Lucius Junius Brutus helped to expel him from Rome.

ANSWER: Tarquin the Proud [Lucius Tarquinius Superbus] <Cole Phinney>/<ed. Jacob>

15. For 10 points each, name the following Pixar characters.

[10] This clownfish, whose father Marlin searches for him with the forgetful Dory, reunites with him at the end of a 2003 Pixar movie.

ANSWER: Nemo [or Finding Nemo]

[10] This red-haired daughter of Fergus and Elinor defeats three of her suitors with a bow and arrow in *Brave*.

ANSWER: Merida

[10] This antagonist of *The Incredibles* dies after his cape causes him to be sucked into the left turbine of his jet, causing the jet to explode.

ANSWER: Syndrome [or Buddy Pine; or Buddy Pine] <Matt Chalem>/<ed. Sean>/<ed. Jacob>

16. The protagonist of this work becomes the first black female streetcar conductor in San Francisco before graduating from George Washington High School. For 10 points each:

[10] Name this autobiographical novel about a girl growing up in Stamps, Arkansas. The protagonist of this novel stops speaking at age eight after she is raped by Mr. Freeman.

ANSWER: *I Know Why the Caged Bird Sings*

[10] *I Know Why the Caged Bird Sings* is an autobiography by this author. She recited her poem “On the Pulse of Morning” at the inauguration of Bill Clinton.

ANSWER: Maya Angelou [Dr. Maya Angelou; or Marguerite Annie Johnson]

[10] A line from this author’s poem “Sympathy” was the inspiration for the title of *I Know Why the Caged Bird Sings*. This African-American poet also wrote “We Wear the Mask.”

ANSWER: Paul Laurence Dunbar <Joe Stitz>/<ed. Jacob>

17. Recent advances in gene-editing technology have opened up many new opportunities in genetic engineering. For 10 points each:

[10] Gene-editing can be performed with the help of these enzymes, which cleave DNA at specific sites. They are used to prepare DNA fragments for use in gel electrophoresis.

ANSWER: restriction enzymes

[10] Unlike restriction enzymes, this part of the prokaryotic immune system can recognize multiple sequences, depending on its guide RNA which allows selective gene editing.

ANSWER: CRISPR [accept Clustered regularly interspaced short palindromic repeats]

[10] In 2016, it was proposed that genetically modified mosquitoes be used to combat the spread of this disease, which causes microcephaly in fetuses.

ANSWER: zika virus <Alex Harmata/ed. David Dennis>

18. For 10 points each, answer these questions about political philosophers:

[10] This author of *Das Kapital* called religion the “opium of the people” while critiquing Hegel. He wrote that “philosophers have only interpreted the world; the point is to change it” in his *Theses on Feuerbach*.

ANSWER: Karl Marx [Karl Heinrich Marx]

[10] This British philosopher refuted Robert Filmer’s argument for the divine right of kings in the first of his *Two Treatises of Government*. This man believed that the mind was a blank slate, which he advocated in his *An Essay Concerning Human Understanding*.

ANSWER: John Locke

[10] This American philosopher described the hypothetical of the “original position” and its “veil of ignorance” in *A Theory of Justice*.

ANSWER: John Rawls [John Bordley Rawls] <Spencer Johnson>/<ed. Jacob>

19. This location was where Jeff Widener photographed a man with two shopping bags standing in front of a column of tanks. For 10 points each:

[10] Name this location, where the June Fourth incident began after the death of the reformer Hu Yaobang. It was the center of 1989 protests against the Chinese government.

ANSWER: Tiananmen Square [or Tiananmen Square protests; or Tiananmen Square Incident; or Tiananmen Guangchang; or T’ien-an Men Kuang-ch’ang]

[10] The Tiananmen Square protests took place in this capital of the People’s Republic of China. This city is where the Grand Canal starts.

ANSWER: Beijing [or Peking; or Pei-ching]

[10] This leader of China put down the Tiananmen Square protests. He also formulated the constitutional principle of “One Party, Two Systems” to accommodate Hong Kong and Macau.

ANSWER: Deng Xiaoping [Teng Hsiao-p’ing] <Dinis Trindade>/<ed. Jacob>

20. The orange version of one of this man’s sculptures sold in 2013 for \$58.4 million, setting the record price at auction for a living artist. For 10 points each:

[10] Name this artist known for his representations of banal objects, whose *Balloon Dog* was created in five different colors.

ANSWER: Jeff Koons [Jeffrey Koons]

[10] This metal makes up each version of *Balloon Dog*. It’s also the material used in Anish Kapoor’s *Cloud Gate* in Chicago and the Gateway Arch in St. Louis.

ANSWER: stainless steel [prompt on steel]

[10] Koons created a white and gold porcelain sculpture of this singer and his chimpanzee, Bubbles. This man’s album *Thriller* is the best-selling album of all time.

ANSWER: Michael Jackson [Michael Joseph Jackson] <David Dennis>/<ed. Seth Ebner>

Extra

Several interludes in this work called "Promenades" are meant to represent the composer walking around from work to work. For 10 points each:

[10] Name this work, which musically depicts art by the composer's friend Viktor Hartmann. Costume designs for the ballet *Trilby* inspired this work's section "The Ballet of the Unhatched Chicks."

ANSWER: *Pictures at an Exhibition* [*Kartinki s vystavki*]

[10] *Pictures at an Exhibition* is by this Russian composer, whose only complete opera was *Boris Godunov*.

ANSWER: Modest **Mussorgsky** [Modest Petrovich **Mussorgsky**]

[10] This 10th and final movement of *Pictures at an Exhibition* is based on Hartmann's design for a never-built structure commemorating Tsar Alexander II's escape from an assassination attempt.

ANSWER: *The* **Great Gate of Kiev** [or **Bogatyrsiye vorota**] <David Dennis>