



2016 Washington/Hickman Academic Questionfest (WHAQ)

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Phillips.

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Trindade) Teams

Packet 9

Tossups

1. **The Greenback Party candidate in this election built the first steamboat locomotive in the United States and was named Peter Cooper. In the leadup to this election, the Hamburg Massacre was committed by violent supporters of Wade Hampton's bid for governor of South Carolina. Federal troops were(*) withdrawn from three Southern states after an electoral commission awarded twenty disputed electoral votes to the Republican candidate in this election. A compromise struck in the aftermath of this election effectively ended Reconstruction. For 10 points, name this Presidential election where Samuel Tilden lost to Rutherford B. Hayes.**
ANSWER: The Election of **1876** [United States presidential election of **1876**; or clear-knowledge equivalents, such as the election where **Hayes** defeated **Tilden** until the word "Rutherford" is read; prompt on a partial answer, such as presidential election] <Owen Pasley>/<ed. Jacob>

2. **A depressing poem by this man asks to "pack up the moon and dismantle the sun." That poem by this author memorializes a man who is described as "my working week and my Sunday rest." He began his poem inspired by a(*) Brueghel ("BRAY-gull") painting by stating that "about suffering they were never wrong, the old Masters." This author asks to "stop all the clocks!" at the beginning of "Funeral Blues," and he reacted to the start of World War II in a poem whose speaker states that "I sit in one of the dives on fifty-second street." For 10 points, name this author of "Musee des Beaux Arts" and "September 1, 1939."**
ANSWER: W.H. **Auden** [Wystan Hugh **Auden**] <Amanda Sun>/<ed. Jacob>

3. This team's 2003-2004 club was nicknamed "The Invincibles" because they won their league without losing a match. In 2013, this club smashed its previous transfer record by purchasing a midfielder from Real ("REH-al") Madrid. This club's all time leading goal scorer left to join(*) Barcelona in 2007 for three years before he retired with the Red Bulls in 2014. That man, Thierry Henry, is now being tipped to eventually replace Arsene Wenger. For 10 points, name this English Premier League club which won the 2015 FA Cup and plays in Emirates Stadium.

ANSWER: Arsenal <Jack Atkins>/<ed. Sean>/<ed. Jacob>

4. The first type of these devices used in semiconductors is named for cats' whiskers. One type of these objects can safely conduct in the reverse direction above the breakdown voltage. Those devices are named for Zener. These devices have nonlinear I-V curves and on circuit diagrams, they are symbolized by a triangle touching a line. Phenomena known as forward(*) bias and reverse bias take place in these devices. The most common type of these devices is a p-n junction type which emits light when activated. For 10 points, name these electronic components that allow current to flow in only one direction.

ANSWER: diodes [prompt on detectors until "Zener" is read] <Wenzer Qin>/<ed. Jake Sundberg>

5. An originator of this philosophy explained it using the "felicific calculus" method. R.M. Hare created the "two-level" ethical theory about this philosophy that sought to combine its "rule" and "act" forms. A practitioner of this philosophy articulated the "harm principle" in "On(*) Liberty." This philosophy seeks the greatest happiness of the greatest number of people, and it was founded by Jeremy Bentham. For 10 points, name this philosophy that was practiced by John Stuart Mill.

ANSWER: Utilitarianism [or word forms, such as utilitarian philosophy] <Wenzer Qin>/<ed. Jacob>

6. The eighth "superior highly [this]" type of number was considered by Plato to be the ideal number of citizens in a community. Complementary to Bertrand's postulate, Ramanujan ("rah-mah-noo-juhn") proved that if a number n is "highly" this type of number, there exists another such number between n and $2n$. In the Miller-Rabin test, a witness yields a negative result by providing evidence that a number has this property. All factorials except for(*) 1 and 2 are this kind of number, and the Sieve of Eratosthenes ("er-uh-tos-thuh-nee-z") removes these numbers. For 10 points, name this type of number which has more than two factors and is therefore not prime.

ANSWER: Composite number <David Dennis>/<ed. Seth Ebner>

7. **The Nong Ping 360 aerial tramway is a tourist attraction on this city's Lantau Island. A large outdoor escalator crosses the Mid-Levels neighborhood of this city. The New Territories of this city are north of Boundary Road on the Kowloon Peninsula. The International Commerce Centre is across Victoria Harbor from the(*) Admiralty district of this city, which in 2014 was the center of student-led protests by the Umbrella Movement. For 10 points, name this city, known as "Fragrant Harbor" in Cantonese, that in 1997 was transferred from Britain to China.**

ANSWER: **Hong Kong** [or **Fragrant Harbor** before it is read; or **Hsiang-kang**; or **Xianggang** Tebie Xingzhengqu] <Stephen Bunch>/<ed. Chris Chiego>

8. **An Easter sermon in this novel is delivered by the visiting Reverend Shegog. A narrator of this novel was castrated after he attacked a group of girls when a gate was left open by the maid Dilsey. The narrator of the second section of this novel drowns himself in the Charles River. The central family of this novel includes the beloved sister Caddy, the Harvard student(*) Quentin, and the mentally handicapped Benji. For 10 points, name this novel that centers on the Compson family, which was written by William Faulkner.**

ANSWER: *The **Sound and the Fury*** <Joe Stitz>/<ed. Jacob>

9. **One movement of a suite by this composer is interrupted several times by the love-death motif from a Wagner opera. Another piece in the same collection by this composer depicts an Oriental porcelain doll and uses the Chinese pentatonic scale. In addition to *Children's Corner*, this composer also wrote(*) "The Girl With Flaxen Hair." This man used a solo flute playing a descending chromatic scale in his most famous work. For 10 points, name this French composer of *Prelude to the Afternoon of a Faun* and *La Mer*.**

ANSWER: Achille-Claude **Debussy** <Joe Stitz/ed. David Dennis>

10. **The ambiguous wording of this treaty did not settle whether the city of Bremen was to be ceded to Sweden. This treaty recognized the independence of the Dutch Republic from Spain. This treaty allowed Calvinism as one of the legal religions that a prince could choose as part of the recognition of the Peace of(*) Augsburg. This treaty was signed in two parts at Osnabruck and Munster, and it ended a war whose commanders included Count Tilly and Gustavus Adolphus. For 10 points, name this treaty that ended the Thirty Years' War.**

ANSWER: Peace of **Westphalia** [Treaty of **Westphalia**; or **Westfälischer** Friede] <Cole Phinney>/<ed. Jacob>

11. **A character created by this author is nicknamed "Waffles" due to his pockmarked skin. The title character of a play by this author attempts to shoot Serebryakov. ("sehr-ay-BRAY-koff") This author names the principle that if a gun is placed on the stage, then it must be fired later in the story. In a play by this man, Konstantin Treplev commits (*)suicide after giving the title bird to Nina. In a play by this author, Lopakhin purchases the title estate from Madame Ranevsky and chops it down. For 10 points, name this Russian playwright of *Uncle Vanya*, *The Seagull* and *The Cherry Orchard*.**

ANSWER: Anton **Chekhov** [Anton Pavlovich **Chekhov**] <Sherry Xie>/<ed. Jacob>

12. This king's twelve battles were chronicled by the monk Nennius, and this man meets King Pellinore after encountering the Questing Beast. This man was conceived when his father disguised himself as Gorlois and slept with Igraine ("ih-greyn:). This man unknowingly conceived a son with his half-sister who mortally wounded him at the Battle of Camlann. This man goes to(*) Avalon to heal after fighting Mordred, and his knight Lancelot has an affair with his queen, Guinevere ("gwin-uh-veer"). For 10 points, name this son of Uther Pendragon, a ruler of Camelot who wields Excalibur.

ANSWER: King Arthur [Arthur Pendragon] <Joe Stitz>/<ed. Jacob>

13. A republic founded by these people agreed to outlaw slavery after being granted independence as part of the Sand River Convention. In a war named for these people, the Fawcett Commission investigated concentration camps set up by Lord Kitchener. These people participated in the Great Trek out of the(*) Cape Colony and set up the Orange Free State. A war named for these people was preempted by the Jameson Raid on the Transvaal. For 10 points, name these Dutch settlers of South Africa who name two late 19th century wars with the British.

ANSWER: Boers [Afrikaners; or Dutch settlers in South Africa before "Dutch settlers" is mentioned] <Cole Phinney>/<ed. Jacob>

14. A type of these beings threatens to kill an old fisherman after being released in a story from the *Arabian Nights*. These beings name the seventy-second surah of the Quran, and they didn't realize their master was dead until his staff was chewed from under his arm, causing Solomon's corpse to fall down. One of these beings named Iblis refused to(*) bow down to Adam. These creatures were given free will by Allah and are made from smokeless fire. For 10 points, name these sometimes wish-granting beings from Islamic tradition that can be trapped in talismans such as magic lamps.

ANSWER: Jinn [or Djinni; or Genie] <Spencer Johnson>/<ed. Jacob>

15. Charcot's "neurologic" triad describes symptoms of this disease, including tremors and dysarthria ("dis-ARTH-ree-ah"). The EDSS scale measures the severity of this disease. Rebif and Avonex are interferons commonly prescribed to slow the progression of this disease. This disease causes the loss of function in glial cells called oligodendrocytes which promote the deformation of the(*) myelin sheath. This disease often leads to paralysis. For 10 points, name this autoimmune disease of the central nervous system, commonly referred to as MS.

ANSWER: Multiple sclerosis [or MS before it is mentioned] <Veer Sangha/ed. David Dennis>

16. One of this architect's works has been compared to a smashed electric guitar while another of this architect's works resembles a dancing couple. Respectively, those buildings are the Experience Music Project and the Dancing House. This architect, who put a giant pair of binoculars outside one building, also designed the(*) Jay Pritzker Pavilion in Chicago. One of this architect's most famous works is in Spain and looks like a ship. For 10 points, name this architect that used reflective metal in many of his designs, such as the Guggenheim in Bilbao and Walt Disney Concert Hall in Los Angeles.

ANSWER: Frank Gehry <Cole Phinney>/<ed. David Dennis>

17. One of these substances is necessary to remove the chlorine atom from an alkyl or acyl halide in the first step of the Friedel-Crafts reactions. Antimony pentafluoride was a component of a “magic” example of these substances, so-called because of its ability to rapidly dissolve paraffin. One combination of two of these(*) chemicals, which Bronsted and Lowry saw as proton donors, can dissolve gold and is known as Aqua Regia. For 10 points, name these substances which have a low pH, contrasted with bases.

ANSWER: acids [or Lewis acids until “Antimony” is read; or superacids until “Aqua Regia” is read] <Alex Harmata/ed. David Dennis>

18. This artist satirized his patron Frederick Leyland in a painting that features a man playing the piano with the title ailment on his hands. The critic John Ruskin criticized a series by this artist as though he was “asking two hundred guineas for flinging a pot of paint in the public’s face.” This artist of *The Gold Scab* and *Old(*) Battersea Bridge* created a painting based on fireworks exploding in London’s Cremorne Gardens called *Nocturne in Black and Gold: The Falling Rocket*. For 10 points, name this American artist whose *Arrangement in Grey and Black* is a portrait of his mother.

ANSWER: James Whistler [James Abbott McNeill Whistler] <Matt Chalem>/<ed. Jacob>

19. The speaker of a poem by this author proclaims “One luminary clock against the sky, proclaimed the time was neither wrong nor right.” This author of “Acquainted with the Night” wrote a poem that begins by declaring “this land was ours before we were the land’s.” That poem by this author, “The Gift Outright”, was recited by him at John F. Kennedy’s inauguration. The last stanza of a poem by this man declares “But I have promises to keep, and(*) miles to go before I sleep.” This author described “two roads [that] diverged in a yellow road.” For 10 points, name this author of “Stopping by Woods on a Snowy Evening” and “The Road Not Taken.”

ANSWER: Robert Frost [Robert Lee Frost] <Carrie Derner>/<ed. Jacob>

20. A map that shows the coordinates, army size and the direction of an army in this campaign was made by Charles Minard. One side in this campaign adopted a scorched-earth policy that was enacted shortly after retreating from the Grand Armee at Smolensk (“smoh-lensk”). Another side in this campaign won a pyrrhic victory over Mikhail(*) Kutuzov at the Battle of Borodino. The army of that side during this event suffered many casualties attempting to retreat during the winter. For 10 points, name this 1812 campaign where Napoleon failed to conquer the nation of Alexander I.

ANSWER: the Napoleonic Invasion of Russia [or the French Invasion of Russia; or word forms, such as Napoleon’s disastrous campaign to invade Russia; or the Patriotic War of 1812; or Otechestvennaya Vovna 1812 Goda; do NOT accept the “Great Patriotic War;” do NOT accept or prompt on “Operation Barbarossa” or “invading the Soviet Union”]<Owen Pasley>/<ed. Jacob>

Tiebreaker

One form of this phenomenon is explained by a larger number of connections and “cross activation” between the V1, V4 and V8 sections of the occipital lobe. That form of this phenomenon is the “grapheme-color” version. One theory of this phenomenon says that all babies experience this phenomenon up to four months of age. Composer Gyorgi Ligeti (“jawr-jee lig-i-tee”) claimed to experience this, describing major and minor chords as being(*) red or brown. For 10 points, name this neurological phenomenon where different sensory pathways intersect, which can include describing colors as numbers.

ANSWER: Synesthesia (“sin-uhs-thee-zhuh”) <David Dennis>/<ed. Jacob>

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Bonuses

1. For 10 points each, answer these questions about the Five Pillars of Islam.

[10] Muslims must be in a state of Ihram in order to perform this pillar. During this pillar, which is the pilgrimage to Mecca each able-bodied Muslim makes, people circle the Ka'baa seven times.

ANSWER: **Haji** [or **Hadij**; or **Hadjidi**]

[10] Abu Bakr, the first of the Rightly Guided Caliphs, waged the Ridda Wars against Arabian tribes who refused to observe this pillar, a mandatory tax of 2.5% of a Muslim's wealth.

ANSWER: **Zakat** [prompt on almsgiving or giving to charity]

[10] Salat, the pillar associated with this action, is split up into units called rakats. Shia Muslims do this three times a day rather than the Sunni custom of five.

ANSWER: **Prayer** [or word forms, like **praying**; or **praying** towards Mecca] <Spencer Johnson>/<ed. Jacob>

2. Examples of these mathematical objects include the Hessian and the Jacobian. For 10 points each:

[10] Name these rectangular arrangements of numbers or symbols in rows and columns.

ANSWER: **matrix** [or **matrices**]

[10] For a matrix with top row A, B, and bottom row C, D, performing this operation yields AD minus BC. This operation performed on a 3-by-3 matrix can be done using Sarrus's Rule.

ANSWER: **determinant**

[10] These numbers for a square matrix are the roots of its characteristic polynomial. The trace of a matrix is equal to the sum of these numbers.

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

3. During this battle, Marshal Ney's capture of Le Haye Sainte was preceded by a failed offensive at Quatre Bras. For 10 points each:

[10] Name this 1815 battle in Belgium, which was a victory for the Seventh Coalition. Napoleon was permanently exiled to St. Helena after this battle.

ANSWER: Battle of **Waterloo**

[10] This "Iron Duke" defeated the forces of Joseph Bonaparte during the Peninsular War. He commanded the forces that defeated Napoleon at Waterloo.

ANSWER: the Duke of **Wellington** [or Arthur **Wellesley**, 1st Duke of Wellington; or Arthur **Wesley**]

[10] This commander of the Prussian Army, who was nicknamed "Marshal Forward," helped to influence the outcome of the battle of Waterloo by outflanking Napoleon's armored cavalry.

ANSWER: Marshal Gebhard von **Blucher** ("**Blue-ker**") [Gebhard Leberecht von **Blücher**, Furst von Wahlstatt; or Gebhard Leberecht von **Blucher**, Prince von Wahlstatt] <Cole Phinney>/<ed. Jacob>

4. Considered one of the Seven Wonders of the Ancient World, this work was destroyed by fire in the 5th Century. For 10 points each:

[10] Name this statue of a Greek god sitting on a cedar throne. It was located in Olympia.

ANSWER: Statue of **Zeus** at Olympia

[10] This Greek sculptor of the *Athena Parthenos*, the *Athena Promachos*, and the Elgin Marbles created the Statue of Zeus.

ANSWER: **Phidias** [or **Pheidias**]

[10] The Statue of Zeus was a chryselephantine (“**chris-el-uh-FAN-tin**”) sculpture, meaning it was made of pieces of gold and this other substance.

ANSWER: **Ivory** <David Dennis>/<ed. Seth Ebner>

5. This character’s mother avoided execution at Newgate by “pleading her belly” before coming to America. For 10 points each:

[10] Name this character, whose “Fortunes and Misfortunes” are described in a novel that describes her five marriages, including once to her half-brother.

ANSWER: **Moll** Flanders [or Moll **Flanders**; or *The Fortunes and Misfortunes of the Famous Moll Flanders, etc. Who Was Born in Newgate, and During a Life of Continu’d Variety for Threescore Years, Besides her Childhood, was Twelve Year a Whore, Five Times a Wife (Whereof Once to her Own Brother), Twelve Year a Thief, Eight Year a Transported Felon in Virginia, at Last Grew Rich, Liv’d Honest, and Died a Penitent. Written from her Own Memorandums.*]

[10] This author of *Moll Flanders* and *A Journal of the Plague Year* is most famous for a novel about a shipwrecked man inspired by Alexander Selkirk.

ANSWER: Daniel **Defoe**

[10] This Defoe novel was inspired by the story of Alexander Selkirk. The title character of this novel is taken to Saltee by pirates and rescues Friday from cannibals.

ANSWER: **Robinson Crusoe** [*The Life and Strange Surprizing Adventures of Robinson Crusoe, of York, Mariner: Who Lived Eight and Twenty Years, All Alone in an Un-inhabited Island on the Coast of America, Near the Mouth of the Great River of Oroonoque; Having Been Cast on Shore by Shipwreck, Wherein All the Men Perished but Himself. With an Account how he was at last as Strangely Deliver’d by Pyrates. Written by Himself.*] <Carrie Derner>/<ed. Jacob>

6. This park includes a region of bubbling clay hot springs called the Fountain Paint Pots. For 10 points each:

[10] Name this national park whose thermal features include the multicolored Grand Prismatic Spring and the Old Faithful geyser. It hosts the remnants of several supervolcano calderas.

ANSWER: **Yellowstone** National Park

[10] This other national park contains Going-To-The-Sun Road and borders Canada’s Waterton Lakes National Park. The namesake structures of this national park are rapidly retreating.

ANSWER: **Glacier** National Park

[10] Stones nicknamed “Rockefeller’s Teeth” line roads in this Maine National Park, which is also home to Cadillac Mountain on Mount Desert Island.

ANSWER: **Acadia** National Park <Alex Harmata>/<ed. Chris Chiego>

7. For 10 points each, name these 20th century revolutionaries.

[10] This Argentine-born Marxist helped Fidel Castro to overthrow Fulgencio Batista in the 26th of July Movement. He is the subject of Alberto Korda's photograph "Guerrillero Heroico."

ANSWER: Che Guevara [Ernesto Guevara de la Serna]

[10] This Lithuanian-born anarchist published the periodical *Mother Earth* and was the lover of Alexander Berkman, who tried to assassinate Henry Clay Frick during the Homestead Strike.

ANSWER: Emma Goldman

[10] A trail named for this leader of the Viet Minh was a supply route that he used to fight Ngo Dinh Diem's government. This man commanded the north to victory in the Vietnam War.

ANSWER: Ho Chi Minh [or Nguyen Sinh Cung; or Nguyen Tat Thanh; or Nguyen Ai Quoc] <Cole Phinney>/<ed. Jacob>

8. This king received his most notable ability after he assisted Silenus, who he found passed out in his garden. For 10 points each:

[10] Name this king of Phrygia, who washed away a gift from Dionysus in the Pactolus River. This man washed away his golden touch after his food became inedible.

ANSWER: King Midas

[10] While a child, Midas was fed by these animals, who carried wheat to his mouth while he slept. According to Ovid, the Myrmidons, Achilles' soldiers, were created from these insects.

ANSWER: ants [prompt on bugs or insects]

[10] While judging a music contest, Midas favored Pan instead of this god, who gave him the ears of an ass. This god of light and music killed the Python and established the Oracle at Delphi.

ANSWER: Apollo [or Phoebus] <Dinis Trindade>/<ed. Jacob>

9. In this author's first novel, Ludvik Jahn is expelled from the Communist Party after writing "Optimism is the opium of the people" on a postcard. For 10 points each:

[10] Name this author of *The Joke*, as well as a novel in which a painter declares a "war on kitsch" and appears in front of her lover wearing only her grandfather's bowler hat.

ANSWER: Milan Kundera

[10] In this novel by Milan Kundera, Tomas has an affair with the painter Sabina before moving to the countryside with his wife Tereza.

ANSWER: *The Unbearable Lightness of Being* [*Nesnesitelná lehkost bytí*]

[10] *The Unbearable Lightness of Being* was originally published in this language in 1984. This language was used by the leaders of the negritude ("neg-ri-tood") movement, along with Guy de Maupassant ("gee duh moh-puh-sahnt").

ANSWER: French [or Francais] <Sherry Xie>/<ed. Jacob>

10. Answer some questions about lab equipment in Chemistry. For 10 points each:

[10] This piece of lab equipment has adjustable air and gas inflows in order to produce different temperatures and sizes of flames. Its namesake discovered Cesium and Rubidium with Kirchhoff.

ANSWER: **Bunsen burner** [prompt on burner]

[10] This device is attached to a similarly named flask and a vacuum source to perform filtrations. It has vertical sides, unlike a similar product designed by Hirsch.

ANSWER: **Buchner funnel** [prompt on funnel]

[10] This graduated cylinder is used during titrations. This long piece of glassware with a stopcock is used to dispense precise amounts of a chemical solution.

ANSWER: **buret** <Alex Harmata/ed. David Dennis>

11. This constant is equal to a particle's momentum times its wavelength. For 10 points each:

[10] Name this eponymous constant that relates a photon's energy to its frequency. It is symbolized by a lowercase 'h', and its reduced version is smaller by a factor of two pi.

ANSWER: **Planck's** ("plahngk's") constant

[10] Planck's constant arises in this physicist's explanation of the photoelectric effect. He formulated the general theory of relativity and developed the equation "E equals m c squared."

ANSWER: Albert **Einstein**

[10] Max Planck also developed a law that solved this classical physics dilemma, in which the Rayleigh-Jeans Law predicted that an ideal blackbody at thermal equilibrium would emit radiation with infinite power.

ANSWER: **Ultraviolet catastrophe** <Wenzer Qin>/<ed. Seth Ebner>

12. Giffen goods are exceptions to the law of this quantity, which states that, all else being equal, this quantity decreases as price increases. For 10 points each:

[10] Name this quantity from economics, which determines prices along with supply.

ANSWER: **Demand** [or law of **demand**]

[10] The intersection of the demand curve and the supply curve produces a price named for this quantity. In the state named for this quantity, supply and demand are balanced.

ANSWER: **Equilibrium** [or **Equilibrium** price; or Economic **equilibrium**]

[10] This equation relates the changes in Marshallian, or uncompensated, demand to changes in Hicksian, or compensated, demand.

ANSWER: **Slutsky** equation <Jacob O'Rourke>

13. In the stage directions of the play she appears in, this character's hands are described as being "never still," since they have been deformed by rheumatism. For 10 points each:

[10] Name this morphine-addicted character. She often complains of her failed dreams to the family maid Cathleen, and she refuses to believe her son Edmund has tuberculosis.

ANSWER: **Mary** Tyrone [or **Mary Tyrone**; prompt on Tyrone]

[10] Mary appears in this semi-autobiographical play. This play focuses on the dysfunctional Tyrone family, which includes the actor James and the alcoholic Jamie.

ANSWER: **Long Day's Journey Into Night**

[10] *Long Day's Journey Into Night* is by this American playwright, who also wrote about the denizens of Harry Hope's bar in *The Iceman Cometh*.

ANSWER: Eugene **O'Neill** <Carrie Derner>/<ed. Jacob>

14. LEGO introduced its DUPLO product line in 1969, and their expansion of product lines hasn't slowed since. For 10 points each:

[10] The first two video games from this LEGO sub-brand were released in chronological order. This LEGO brand lets you build TIE fighters and the Millennium Falcon.

ANSWER: LEGO Star Wars [or LEGO Star Wars 1; or LEGO Star Wars 2; or LEGO Star Wars: The Complete Saga]

[10] This LEGO product line, introduced in 2012 and targeted at girls, received criticism for promoting gender stereotypes. Sets from this line are pink and purple and set in Heartlake City.

ANSWER: LEGO Friends

[10] In a 2014 movie, this character drives Wyldstyle (“wild-style”) and Emmett to meet the Master Builders. This character was voiced by Will Arnett in that movie.

ANSWER: LEGO Batman [or Batman; or Bruce Wayne; or Bruce Wayne] <Alex Harmata>/<ed. Sean>/<ed. Jacob>

15. According to the chronicler Eusebius of Caesarea, the victor at this battle had a vision with the words “in this sign you will conquer” appearing next to a cross. For 10 points each:

[10] Name this 312 A.D. battle, where Maxentius drowned in the Tiber River. The winner of this battle later ended the Tetrarchy.

ANSWER: Battle of the Milvian Bridge

[10] This Roman Emperor won the battle of Milvian Bridge and issued the Edict of Milan, which ended the persecution of Christians.

ANSWER: Constantine I [or Constantine the Great; or Flavius Valerius Constantinus; or Saint Constantine]

[10] This emperor created the tetrarchy system, where the Roman Empire was ruled by four people. This emperor attempted to combat inflation with the Edict on Maximum Prices.

ANSWER: Diocletian [or Gaius Aurelius Valerius Diocletianus; or Diocles] <Cole Phinney>/<ed. Jacob>

16. It's common now to use a Twitter hashtag to promote a project or cause. Name some examples, for 10 points each:

[10] This hashtag was born out of a 2011 movement that protests wealth inequality and political corruption. This movement started in Zuccotti Park and had the slogan "We are the 99%."

ANSWER: #OccupyWallStreet [or Occupy Wall Street; prompt on OWS]

[10] This Canadian Aboriginal movement is a reaction to the legislature's abuse of the natives' treaty rights. This movement inspired a liquid diet hunger strike of Attawapiskat Chief Theresa Spence.

ANSWER: #IdleNoMore [or Idle No More]

[10] This hashtag was first used following the acquittal of George Zimmerman, but became more popular after the death of Michael Brown. This hashtag has been used following many police-involved shootings of African-Americans.

ANSWER: #BlackLivesMatter [or Black Lives Matter; prompt on BLM] <Cole Phinney/ed. Dennis>

17. They are naturally-occurring weak bases with at least one nitrogen atom. Answer some questions about alkaloids, for 10 points each:

[10] This alkaloid can bind to, but not activate, receptors for adenosine in the brain, raising alertness levels. This stimulant is found in chocolate, cola, and coffee and is the most consumed drug on Earth.

ANSWER: caffeine

[10] This alkaloid with anti-malarial properties is extracted from the bark of the cinchona tree. It is a flavor component of tonic water.

ANSWER: quinine

[10] This alkaloid, an agonist of acetylcholine receptors, is the addictive chemical in tobacco.

ANSWER: nicotine <David Dennis>

18. The first work of this type, *Dafne*, has no existing copies, but one could hear different works of this type at La Scala in Milan. For 10 points each:

[10] Name this genre consisting of a libretto text set to music. ANSWER: Opera

[10] This Italian composer is credited along with librettist Alessandro Striggio with creating the earliest opera that is still regularly performed, *L'Orfeo*.

ANSWER: Claudio Monteverdi

[10] Monteverdi premiered *L'Orfeo* in this city in northern Italy for the Gonzaga family. It is also where Romeo is banished to in *Romeo and Juliet*.

ANSWER: Mantua <David Dennis>

19. President Warren G. Harding supported a bill introduced by Leonidas Dyer that wanted to make this act a federal felony. For 10 points each:

[10] Name these punishments outside the law that were often applied by mobs. Ida B. Wells described her lifelong campaigns against these events in *Crusade for Justice*.

ANSWER: Lynching [or lynch law]

[10] This organization supported Dyer's anti-lynching bill. This civil rights organization was partly founded by W.E.B. Dubois.

ANSWER: NAACP [or the National Association for the Advancement of Colored People]

[10] Dyer introduced his anti-lynching bill after race riots occurred in May and July 1917 in this Illinois city. The riots in this city were protested in the Silent Parade in New York City.

ANSWER: East St. Louis [Do NOT accept or prompt on "St. Louis"] <Diana Harmata>/<ed. Jacob>

20. This novel's frame story is told in a series of letters from Robert Walton to his sister. For 10 points each:

[10] Name this novel in which the title doctor creates a monster out of dead body parts.

ANSWER: Frankenstein [Frankenstein; or, *The Modern Prometheus*]

[10] This British author of *Frankenstein* wrote about Lionel Verney travelling a plague-stricken world in *The Last Man*.

ANSWER: Mary Shelley [Mary Wollstonecraft Shelley; do NOT accept "Mary Wollstonecraft"]

[10] *Frankenstein's* monster murders this friend of Victor's in the Orkney Islands. This man had earlier nursed Victor back to health after the creation of the monster.

ANSWER: Henry Clerval [or Henry Clerval] <Carrie Derner>/<ed. Jacob>

Extra

Frida Kahlo suffered this incident at the age of 18, shattering her right leg and foot, and a handrail pierced her abdomen and uterus. For 10 points each:

[10] Name this 1925 event, complications from which prevented Kahlo from bearing children.

ANSWER: The **bus accident** that injured Frida Kahlo

[10] This self-portrait of Kahlo's shows her dealing with complications from the bus accident, as it shows her nude torso split, and an Ionic version of the title structure in the place of her spine.

ANSWER: *The **Broken Column***

[10] Kahlo referred to the bus accident as one of "two grave accidents in my life," the other being this man. This painter, who was married to Kahlo, painted *Man at the Crossroads*.

ANSWER: Diego **Rivera** [Diego Maria Concepcion Juan Nepomuceno Estanislao de la **Rivera** y Barrientos Acosta y Rodriguez] <David Dennis>/<ed. Jacob>