**Early Fall Tournament 2016 -** “Auntie Vivian’s daughter can answer these questions, why can’t you?”

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**Finals Packet 2**

**TOSSUPS**

**1. This character is blinded by a strange mist when Poseidon unexpectedly decides to rescue Aeneas from the battlefield. He is distracted when he is invited to a duel by Agenor, who turns out to be Apollo in disguise instead. The river Scamander nearly drowns this character until Hephaestus arrives to drive the river back with a blast of fire. Three warriors present extravagant gifts to this character during an (\*)** embassy to him; he refuses them and instead sulks over the loss of his concubine Briseis [brih-SAY-is]. Homer uses the epithet “swift-footed” to describe this character, who beats his rival in single combat and drags his corpse around a city, avenging the death of his friend Patroclus. For 10 points, name this son of Thetis who is invulnerable everywhere but his heel.

ANSWER: **Achilles** <Myth, EK>

**2. This non-Haitian author gave a lecture saying “to create today is to create dangerously.” The preface to a novel by this author claims its protagonist’s refusal to lie and “simplify life” leads a threatened society to condemn him for admitting “annoyance rather than real regret.” This author claimed that the terror of the French Revolution was caused by a misguided quest for “the end of history” in a work subtitled “An Essay on Man in Revolt.” An essay by this author of *The* (\*)** *Rebel* uses the conqueror, the actor, and Don Juan as examples of men who live the ideal life. In that essay, this author argues that the absence of meaning requires revolt, rather than suicide, and that “one must imagine” the title mythological figure as “happy.” For 10 points, name this author of *The Myth of Sisyphus* and *The Stranger*.

ANSWER: Albert **Camus** <EuroLit, JC>

**3. This philosopher argued that consciousness could not be known with certainty nor be grounded in the notion of “thing in itself” so it ought to be founded on “pure selfhood.” This thinker outlined a view of the scholar’s role beyond studies in *The Vocation of the Scholar* and tried to fill this role by outlining a German education program in *Addresses to a German Nation*. His thought is founded on *Tathandlung* [taht-HAND-lunk], the notion of the I positing itself. This philosopher was (\*)** expelled from the University of Jena on charges of atheism. Kant encouraged this thinker to publish his magnum opus, which argues that God must be consistent with Kant’s moral law. For 10 points, name this creator of *Wissenschaftslehre* [VISS-un-SHAFTS-lair] who wrote *Attempt at a Critique of All Revelation*.

ANSWER: Johann Gottlieb **Fichte** <Phil, WA>

**4. A gambler who held this position escaped jail after killing Edward Wilson in a duel over Elizabeth Villiers, mistress of William III. Another holder of it was the father of the woman of letters Mrs. de Stael and gave a misleading “Report to the King.” This position, once held by John Law, included a “physiocrat” whose policies incited the Flour War. That person created the Six Edicts, which abolished the (\*)** *corvee* [core-VAY]. Another holder of it came to power by slandering Nicolas Fouquet [foo-kay]. A holder of this position engaged in risky practices, resulting in the Mississippi Bubble. Jacques Necker held this position, which directed collection of the *gabelle* and *taille*. For 10 points, name this position held by Jean-Baptiste Colbert, which often advised kings named Louis on monetary policy.

ANSWER: **Finance Minister** of **France** [or **Minister de l’Economie**; accept **French Superintendent of Finances**; **French Controller-General of Finances**; accept any answer indicating a **manager/director** of **Finance**s or **economic**s for **France**; prompt on any answer indicating manager/director of Finances with “of what country”] <EuroHist, JZ>

**5. This organ is often damaged indirectly as a result of crush injuries. A low purine diet is recommended for people with xanthine oxidase deficiency, which can cause damage to this organ, which can also suffer from buildup of IgA [I-G-A]. Testing the function of this organ is commonly done before use of gadolinium contrast agents to reduce the risk of (\*)** NSF. Those tests of this organ’s help typically include theBUN and serum creatinine levels. Disease of this organ can lead to formation of crystals of “uremic frost” on the skin, and may result in proteinuria or hematuria. The function of this organ can be calculated through the GFR, or the glomerular filtration rate. Failure of this organ results in the need for dialysis. For 10 points, name this pair of organs responsible for filtering the blood.

ANSWER: **kidney**s <Bio, AW>

**6. Marcantonio Michiel [MEE-kee-el] gave the description “a little landscape” to a painting by this artist, who created a Madonna in which the Virgin is shown enthroned with St. Francis and St. Nicasius on either side of her. X-ray analysis of a painting by this artist shows that this man originally had a nude woman included on the left. Weird cherub heads are shown above a cave in a nativity scene from this artist’s Allendale Group. This artist of the (\*)** *Castelfranco Madonna* used a very similar pose to his most famous student for a painting of a sleeping nude goddess. He placed a stork on a rooftop in a work in which lightning breaks through the clouds behind a halberdier in a red vest, who looks toward a breastfeeding woman. For 10 points, name this teacher of Titian, the Venetian painter of *The Tempest*.

ANSWER: **Giorgione** [accept Giorgio **Barbarelli** da Castelfranco] <Painting, PC>

**7. A fictional character who has this relationship to the novel’s protagonist lives next to a man who claims “I never go anywhere without my Beretta,” a man named Ettinger. Pollux and two other men assault that character with this relationship to the protagonist and shoot the caged stray dogs on that character’s farm. A speech found in a novel titled for one of these people borrows political quotes from activists like Joe Slovo and Bram Fischer, the basis for a communist activist who dies in prison. Zwelinzima criticizes one of these people for calling by him the pet name (\*)** “Baasie,” leading her to return to South Africa. Lucy has this relationship with David Lurie in J.M. Coetzee’s *Disgrace*. For 10 points, what relationship, which Rosa has with Lionel Burger, appears in the title of a novel by Nadine Gordimer?

ANSWER: **daughter** [accept descriptions like “a father-**daughter** relationship”; accept *Burger’s* ***Daughter***] <OLit, RY>

**8. The forerunner of the health maintenance organization, or HMO, was a corporate healthcare program offered by a maker of these things; that company built an ad-hoc railway to the city of Richmond. A young Thurgood Marshall attended the trial of 50 black men who refused to work after one of these objects exploded, killing hundreds in a Northern California city. A mass-produced series of these things was nicknamed (\*)** “ugly ducklings” by FDR. Kaiser Permanente is anoffshoot of a company that produced“Victory” and “Liberty” ones. The U.S. Office of War Information distributed posters depicting these objects that warned against “loose lips.” For 10 points, identify these vessels produced during World War II to replace ones sunk by U-boats.

ANSWER: **ship**s [or Liberty **ship**s; or Victory **ship**s; accept any equivalent describing a war**ship** or a cargo **ship**] <AmHist, RY>

**9. In response to comments by officials from this country about the South China Sea, China called it a “paper cat” and an “offshore prison,” the latter in reference to its controversial camp for asylum seekers on Manus Island. With Japan and the United States, this country is part of the Trilateral Strategic Dialogue. July 2016 federal elections in this country elected a more protectionist (\*)** Senate. This is the largest English-speaking country to have a plurality of its trade with China. A leader of a phone hacking-prone media empire from this country was named CEO of Fox News after the resignation of Roger Ailes; that man owns *News of the World*. For 10 points, name this home country of Rupert Murdoch whose Prime Minister is Malcolm Turnbull.

ANSWER: (Commonwealth of) **Australia** <Other, WA>

**10. In 2006, a facility utilizing a technique in this region of the EM-spectrum found the most massive neutron star ever discovered. The world’s largest fully steerable telescope operating in this region of the spectrum is surrounded by a notable “Quiet Zone” and can be found in** **Green Bank. Distances to various objects are calculated using (\*)** VLBI, a form of interferometry using telescopes that operate in this region of the spectrum. The Very Large Array is an observatory in New Mexico that performs a technique in this region of the spectrum that was recently renamed after that technique’s pioneering practitioner, Karl Jansky. For 10 points, name this region of the electromagnetic spectrum utilized by telescopes that detect wavelengths longer than microwaves.

ANSWER: **radio** waves [accept radio telescopy or radio interferometry] <OSci, RH>

**11. Some stone from one of these places was used by the Knights of St. John to build Bodrum Castle, or the Castle of St. Peter. Manolis Andronikos discovered a sixteen-rayed sun embossing a *larnax* in one of them at Vergina. Leochares helped sculpt one of these buildings designed by Satyros and Pythius of Priene. One called the *soros* was built by forces led by Miltiades for 192 people. The Mycenaean *Tholoi* are examples of so-called (\*)** “beehive” shaped ones and include the Treasury of Atreus. A glass one was supposedly built by Ptolemy X for Alexander the Great. One of these places was named for a satrap of Caria and husband of Artemisia II. Many of these in Anatolia are found within *tumuli.* For 10 points, name these places, such as the Mausolus of Halicarnassus, which housed the remains of dead people.

ANSWER: **tomb**s [or **mausoleum**s; accept **sarcophagi**; accept obvious synonyms, like **grave**s; accept **mausolus** before mention; accept **larnax** before mention, accept **tumul**i before mention; accept **tholo**i before mention] <Brit/ClassHist, JZ>

**12. A composer from this country included a G minor “Orientale” for violin and piano in his collection *Kaleidoscope*. Another composer from this country wrote an overture that begins with a *Lento mystico* theme in 5/2 time. Maurice Ravel’s *Gaspard de la nuit* was meant to be harder than a challenging orientalist piano fantasy from this country; that piece’s composer led a movement that rejected traditional conservatories in favor of an independent (\*)** nationalistic style of music drawing on folk tradition. Composers from this country produced the piece *Islamey*, as well as a suite in which depictions of “The Kalendar Prince” and “The Sea and Sinbad’s Ship” quote a motif depicting the title queen, *Scheherazade*. For 10 points, name this country whose Mighty Five composers included Nikolai Rimsky-Korsakov.

ANSWER: **Russia** [or **Rossija**; or **Russian Federation**; or **Rossijskaja Federacija**] <Music, EK>

**13. The density of states of a 3-dimensional example of these systems can be visualized as the surface of the octant of a sphere. The wavelength absorbed by a chromophore consisting of a conjugated chain can be estimated by treating the chromophore as one of these systems. Because the boundary conditions of this system require its wavefunction to be zero at both ends, solving the Schrodinger equation yields a (\*)** sinusoidal solution. Within the boundaries of this system, the Hamiltonian consists of just the kinetic energy operator. This system is normalized with a factor of the square root of quantity 2 over L. The energy of this system is equal to n squared times Planck’s constant squared over 8 times mass times the length of the namesake structure squared. For 10 points, name this quantum model consisting of an object confined by impassable barriers.

ANSWER: **particle in a box** [accept infinite **square well** or finite **square well**; accept **particle in a**nN dimensional **box** with N being any integer] <Chem, AW>

**14. Paganism within this region is the subject of the most famous research by Ronald Hutton. A heresy from this region that was promoted by Caelestius taught that original sin did not alter man’s nature and that humans could freely choose between good and evil without God; that heresy from here was condemned at the 412 Council of Carthage. A religious history of this region by Gildas [GILL-dus] is cited in a church history of it which likens man’s life to a sparrow flying in a mead hall. The ascetic moralist (\*)** Pelagius was from this region, which in 602 received a Roman prior named Augustine as an evangelist. An “Ecclesiastical History” of this region was written in the 8th century by the Venerable Bede. For 10 points, name this region where the Anglo-Saxons were Christianized.

ANSWER: (Great) **Britain** [or **Britannia**; or **British** Isles; accept **England** specifically] <Rel, WA>

**15. This author attempted to recruit Mark Twain for his project subtitled a “Novel by Twelve Authors” called *The Whole Family*. In a novel by this author, a socialist writer insults his millionaire sponsor in German, only to find out his sponsor also speaks German. In that novel by this author, Conrad Dryfoos is shot while trying to defuse a streetcar drivers strike. A character in a novel by this author wastes much of his newfound wealth supporting the schemes of Milton Rogers out of guilt. This author wrote about (\*)** *Every Other Week* magazine editor Basil March, as well as about Tom Corey, who gets into a love triangle between the daughters of a mineral paint manufacturer in one of this man’s novels. For 10 points, name this “Dean of American Letters,” a literary realist who wrote *A Hazard of New Fortunes* and *The Rise of Silas Lapham*.

ANSWER: Williams Dean **Howells** <AmLit, JC>

**16. This ruler created a law that guaranteed pay to laborers called *rayas* who worked on the land of his cavalry. To try to convince this ruler into an alliance, diplomat Antonio Rincon presented him with a magnificent four-tiered tiara made in Venice. This ruler gave back the Holy Crown to Jan Zapolya and officially recognized Zapolya as *voivode*. Various letters begged this ruler to liberate the French king captured at the Battle of Pavia, (\*)** Francis I, who attempted to forge a controversial alliance with him. Since this ruler codified his empire’s laws into a book called the *Kanun-name*, he’s often called “The Lawgiver” in the Middle East. His wife was a Ukrainian Christian woman named Roxelana. For 10 points, name this Ottoman ruler known as “The Magnificent.”

ANSWER: **Suleiman** the Magnificent [or **Suleiman** the Lawgiver] <WorldHist, WA>

**17. This phenomenon is responsible for a form of spectral line broadening with a Gaussian profile. This phenomenon is the basis for a form of ultrasound which measures blood flow. This phenomenon is used to prevent the source in Mössbauer spectroscopy from being monochromatic. Light with energy just below that of an electronic transition is used in a form of (\*)** laser cooling reliant on this effect. In relativistic cases, the magnitude of this effect is equal to the square root of one plus beta over one minus beta. Classically this phenomenon is related to the velocity of the wave of interest, the source, and the receiver. This phenomenon explains why objects moving away from the viewer appear to be redshifted. For 10 points, name this phenomenon that explains the difference in pitch heard from a siren as it goes towards and away from a listener.  
ANSWER: **Doppler** effect [prompt on **redshift**] <Phys, AW>

**18. This thinker built on Marx by arguing that fetishization is greater in specialized societies in essays like [emphasize] “Fashion” that explained his theory of the “tragedy of culture.” An essay by this thinker claims the plurality of stimuli in the modern world necessitates the creation of a “protective organ” to shelter the individual. This thinker argued that consciousness began with the creation of distance between subject and object that occurs through exchange. Using intellect allows one to overcome the (\*)** “blasé” of urban existence according to this sociologist, who argued that intellect developed along with the economy’s transition from barter to monetary exchange. For 10 points, name this German sociologist who wrote “The Metropolis and Mental Life” and *The Philosophy of Money*.

ANSWER: Georg **Simmel** <SocSci, WA>

**19. A solo for this instrument opens the second track on *A Love Supreme*. The first track on *A Love Supreme* has this instrument introduce a recurring four-note motif that transforms into the title chant. A performer of this instrument arranged “Il B.S.” from his earlier “Haitian Fight Song.” This instrument plays the opening notes of “So What.” One of its performers slammed Arkansas’s 1957 forced segregation of high schools and paid tribute to the late saxophonist (\*)** Lester Young on the tracks “Fables of Faubus” and “Goodbye Pork Pie Hat.” Those tracks appear on an album titled for that performer of this instrument followed by the words *Ah Um*. With a piano and drums, this instrument comprises a standard jazz trio. Charles Mingus played -- for 10 points -- what lowest-pitched string instrument?

ANSWER: double **bass** [or upright **bass**; or **contrabass**] <OArts, EK>

**20. A poem set at this place ends with sculptors channeling dolphins swimming through the “gong-tormented sea” while working in the “golden smithies of the Emperor.” In a poem invoking this location, the speaker contrasts “birds… in their music” and “sensual intellect” with “a form as Grecian goldsmiths make.” This city is the thematic center of two poems which examines its author’s artistry alongside “changeless metal” and “the (\*)** artifice of eternity.” While going to this city, the speaker of a poem invokes “a tattered coat upon a rag” because “an aged man is but a paltry thing.” A poem with this city in its title opens “That is no country for old men.” For 10 points, W.B. Yeats wrote a poem titled for “Sailing to” what city?

ANSWER: “**Byzantium**” [accept “Sailing to **Byzantium**”; do not accept “Istanbul” or “Constantinople”] <BritLit, JC>

IF THE GAME IS A TIE AFTER REGULATION: Report to the tournament director. Then, read a bonus from the tiebreakers packet that the tournament director determines the team has not yet heard.

**BONUSES**

1. This country was outraged by its inability to annex Fiume in the wake of WWI. For 10 points each:

[10] Name this country whose thwarted territorial ambitions after the Versailles Conference led to the coining of the term “mutilated victory.” It entered the war via the secret and overtly transactional Treaty of London in 1915.

ANSWER: **Italy** [or Repubblica **Italia**na]

[10] The coiner of the term “mutilated victory,” Gabriele d’Annunzio, is considered a predecessor to this Italian Facist, who was lovingly called “Il Duce.”

ANSWER: Benito Amilcare Andrea **Mussolini**

[10] The term for this nationalistic belief originated with late 19th-century Italy’s desires to incorporate places like Savoy and Nice into Italy. This concept involves claiming rightful ownership of territories on an ethnic or historical basis, and is pretty often - actually, almost always - a guise for grabbing land.

ANSWER: **irredent**ism [or **irredento**; accept word forms] <EuroHist, JZ>

2. Ancient Greek methods of performing this religious task included cleromancy, which was done using lots. For 10 points each:

[10] Identify this religious practice, one example of which is *ifá* [ee-FAH], which is practiced by *babalawo* priests in many religions of West African origin.

ANSWER: **divination** [accept equivalents, such as **telling** the **future**]

[10] Traditional African diviners called *sangomas* perform divination using these objects. Oracles in ancient China also divined using these objects, which are often ground up to make Chinese medicine.

ANSWER: **bone**s [accept any specific kind of bone; accept turtle **shell** or **carapace** specifically]

[10] Some people in this country still practiced a form of divination called *arsgang*, a variety of sorcery called *seidr* [SAY-dur], well into the 19th century. A theologian from here wrote the book *Arcana Coelestia*.

ANSWER: (Kingdom of) **Sweden** [or Konungariket **Sverige**] <Rel, WA>

3. This posthumously-published autobiography contrasts the scientific and industrial Dynamo with the Old World, humanistic Virgin. For 10 points each:

[10] Name this nonfiction autobiography which attacks its author’s wasteful early formal schooling. Much of this autobiography deals with the prospect of looming explosions of scientific progress of the 20th century.

ANSWER: *The* ***Education of Henry Adams***

[10] This Founding Father’s autobiography was also published posthumously. This man’s other writings include *Poor Richard’s Almanack*.

ANSWER: Benjamin **Franklin**

[10] This author recalled seeing the nuclear reactor underneath UC Berkeley and feeling that the age of the Dynamo had passed. This author wrote about San Francisco counterculture in her essay “Slouching Towards Bethlehem.”

ANSWER: Joan **Didion** <AmLit, JC>

4. In simpler cases, bond length and bond angle can be substituted for this concept. For 10 points each:  
[10] Name this concept which forms the x-axis of a diagram against free energy, and represents the progress of a chemical reaction.  
ANSWER: **reaction coordinate**  
[10] Reactions with this property are exergonic, and thus a reaction coordinate diagram will show that the products will have a lower free energy than the reactants.  
ANSWER: **spontaneous** reaction  
[10] A transition state is represented by the maxima of a reaction coordinate diagram, and in a one step reaction, is reached after the products are provided with this Arrhenius-proposed energy, which is the minimum required to initiate a reaction.  
ANSWER: **activation energy** <Chem, AW>

5. The final section of *Bulfinch’s Mythology* is a record of the legends surrounding this ruler. For 10 points each:

[10] Name this king who is signalled by the cry of a hunting horn, but arrive at a battlefield too late to save his nephew from the hands of the treacherous Ganelon.

ANSWER: **Charlemagne**

[10] In his namesake eleventh-century *Song*, this nephew of Charlemagne is fatally ambushed by Saracens at the Battle of Roncevaux Pass.

ANSWER: **Roland**

[10] The only Saracen member of the Knights of the Round Table is Palamedes, who shares in Pellinore’s hunt to slay this chimerical monster.

ANSWER: the **Questing Beast** <Myth, EK>

6. Frederick W. Taylor often explained scientific management with the example of a worker for this company named “Schmidt,” whose real name was Henry Noll. For 10 points each:

[10] Name this company for which Taylor developed the Taylor–White heat treatment process. This company, led by Charles M. Schwab and business school-namesake Joseph Wharton, was named for a Pennsylvania town.

ANSWER: **Bethlehem** Steel Corporation

[10] This Scottish immigrant built a steel empire that merged into U.S. Steel. He established thousands of his namesake libraries and promoted philanthropy with his “gospel of wealth.”

ANSWER: Andrew **Carnegie**

[10] An anarchist named Alexander Berkman tried to assassinate Henry Clay Frick, Carnegie’s right-hand man, during a strike in this Pennsylvania steel town which Frick had tried to break using hundreds of Pinkertons.

ANSWER: **Homestead** <AmHist, RY>

7. This phenomenon consists of a convective phase and a suppressed rainfall phase, and it frequently produces the conditions required for so-called Pineapple Express events to occur. For 10 points each:

[10] Name this atmospheric phenomenon that is the largest component of intra-seasonal variability in the tropics.

ANSWER: **Madden-Julian Oscillation** [accept **MJO**, **30-60-day** oscillation or **30-60-day** wave]

[10] The Madden Julian Oscillation, is most active during neutral years in this other periodic weather phenomenon. This warm phase of the Southern Oscillation causes elevated ocean temperatures in the Eastern Pacific.

ANSWER: **El Niño** [accept **ENSO** cycle]

[10] The MJO also interacts heavily with these fast-flowing bands of wind in the upper atmosphere. They typically move from west to east in a meandering pattern.

ANSWER: **jet stream**s <OSci, RH>

8. Thinkers in this tradition generally disagreed with *kalam* scholars over the origin of the universe. For 10 points each:

[10] Give this Arabic term, which generally applies to the work of men like al-Kindi and al-Farabi, who rooted their thinking heavily in pre-Islamic Greek sources.

ANSWER: ***falsafa***

[10] This medieval thinker outlined 17 issues he had with the metaphysics of practitioners of *falsafa*, which he believed were not rooted in logic, in his occasionalist tome *The Incoherence of the Philosophers*.

ANSWER: (Abū Ḥāmid Muḥammad ibn Muḥammad)al-**Ghazālī**

[10] Al-Ghazali defended the doctrine of creation against the idea of an eternal universe by proposing, like Leibniz, that the actual one of *these* that we live in is the best of all possible ones.

ANSWER: **world**s [or **universe**s] <Phil, WA>

9. Answer the following about recently-deceased institutional theorist Douglass North, for 10 points each.

[10] North wrote a book examining how societies control this phenomenon titled for [it] *and Social Orders*. Max Weber defined the state as having a monopoly on its use.

ANSWER: **violence** [or ***Violence*** *and Social Orders*; accept **force** or equivalents]

[10] North’s theories largely build on the work of this economist, who examined societies’ solutions to aggression and the free-rider problem in his book *The Logic of Collective Action*.

ANSWER: Mancur **Olson**

[10] North divided social orders into “open-access” ones and this type of order dominated by elite coalitions. Jean-Jacques Rousseau extolled the primitive “state” of existence denoted by this word, which Hobbes decried as “nasty, brutish, and short.”

ANSWER: **natural** state [or state of **nature**] <SocSci, WA>

10. When the lights fail to go on one Saturday night, *The Great Gatsby* notes that Gatsby’s career “as [this character]” was over “as obscurely as it had begun.” For 10 points each:

[10] Name this character, who hires the mason Habinnas to build a luxurious tomb. He places live birds inside the fake eggs of his guests, which each of his guests are meant to collect themselves.

ANSWER: **Trimalchio**

[10] Trimalchio appears in a novel by Gaius Petronius titled for this genre, which is in its “Menippean” style. This genre, which Juvenal is most famous for writing in, mocks vices and institutions of society.

ANSWER: **satire**

[10] Among the famous questions asked in Juvenal’s satires is this one, which was originally intended to question the trustworthiness of people appointed to ensure marital fidelity among the population.

ANSWER: “but **who will watch the watchmen**?” [accept clear equivalents involving people who **watch** or **guard** others; accept “Sed **quis custodiet ipsos custodes**?”] <OLit, WA>

11. Passing light with the “linear” form of this property through a quarter-wave plate will give it the “circular” form of this property.

[10] Name this optical property, in which a light wave oscillates in a fixed direction.

ANSWER: **polarization**

[10] Quarter-wave plates are made out of materials which possess this property, in which a material has multiple indices of refraction depending on the polarization of the incoming light.

ANSWER: **birefringence**

[10] The simplest birefringent materials are made of crystals with this property, which causes them to have exactly two indices of refraction, one termed “ordinary” and one termed “extraordinary.”

ANSWER: **uniaxial** crystals [accept descriptive answers indicating the crystal has exactly **one** optical **axis**] <Phys, BB>

12. This man abstracted the two titled celestial objects in his circular framed piece *Simultaneous Contrast*s: *Sun and Moon*. For 10 points each:

[10] Name this artist who depicted a red Eiffel Tower in his *Champs de Mars*. This one-time member of Der Blaue Reiter later cofounded a movement with his wife

ANSWER: Robert **Delaunay**

[10] Robert and Sonia Delaunay, as well as Frantisek Kupka, belonged to this mythologically named movement. Similar to Fauvism, this movement’s use of bright colors can largely be attributed to the dye chemist Michel Eugene Chevreul.

ANSWER: **Orphism**

[10] Orphism was an offshoot of this movement that Delaunay broke with due to its treatment of color. Georges Braques and Pablo Picasso led this art movement, which was fond of angular shapes.

ANSWER: **Cubism** <Painting, PC>

13. This man’s successor, Li Yuan, fulfilled a popular prophecy about the imperial destiny belonging to a certain soft-spoken “Peach-plum Li.” For 10 points each:

[10] Identify this rather crazy emperor, who was convinced by the sorcerer Zhangchou Taiyi [zhahng-chowe “tie”-yee] to move his capital to Luoyang. His downfall came after a failed expedition to seize Pyongyang.

ANSWER: Emperor **Yang**di of Sui [or **Yang** Guang]

[10] Yangdi moved the capital to Luoyang from this city, which his father Wendi named Daxing, or “Great Peace.” Both the Han and Tang dynasties ruled from this city; during the latter’s rule, it may have had a million residents.

ANSWER: **Chang’an** [or **Xi’an**]

[10] The greatest project of the Sui dynasty was a project of this type designed to connect northern and southern China by water. Jimmy Carter signed over a US-owned project of this type to Omar Torrijos in 1979.

ANSWER: **canal** [accept Great/Grand **Canal** or Panama **Canal**] <WorldHist, WA>

14. This poet asks “why then / What needst thou have more covering than a man” in a poem extolling the virtues of nakedness, titled “To His Mistress Going to Bed.” For 10 points each:

[10] Name this English poet whose other romantic poems include one that calls its addressee a “saucy pedantic wretch” for waking up the speaker and his lover.

ANSWER: John **Donne** (that is “The Sun Rising”)

[10] In his tenth Holy Sonnet, Donne tells this figure “thou shalt die” and tells it to “be not proud, though some have called thee / Mighty and dreadful.” This figure “kindly stopped for me” in an Emily Dickinson poem.

ANSWER: **Death**

[10] Donne’s seventeenth Meditation from his *Devotions upon Emergent Occasions* states that “No man is an island entire of itself” since “every man is a piece of” this thing, which makes him “a part of the main.”

ANSWER: “the **continent**” [prompt on Europe] <BritLit, RY>

15. This architect introduced the term “Manhattanism” to designate an ideology that embraces and celebrates urban congestion in his book *S, M, L, XL*. For 10 points each:

[10] Name this Dutch-born architect who co-founded the Office of Metropolitan Architecture with Elia Zenghelis.

ANSWER: Rem **Koolhaas**

[10] Rem Koolhaas’s OMA recently created a series of huge art galleries for this Milan-headquartered company, as well as a weird multipurpose building for it called a “Transformer” in Seoul. This company, whose subsidiaries include Miu Miu, commissioned Herzog & De Meuron to create an all-glass store in Tokyo.

ANSWER: **Prada**

[10] In 2006, OMA also worked on the pavilion for the Serpentine Galleries in this city, which is.also home to the Tate Modern art gallery and Big Ben.

ANSWER: **London** <OArts, WA>

16. Members of this phylum, like rotifers, filter bodily fluids using protonephiridia composed of flame cells. For 10 points each:  
[10] Name this phylum of worms that is not annelida or nematoda. It includes flukes, tapeworms, and planaria  
ANSWER: **platyhelminthes** [accept **flatworm**s]  
[10] Although platyhelminthes are triploblastic, they do not contain these mesoderm lined body cavities which contain the digestive system and organs.  
ANSWER: **coelem** [“SEE-lum”]

[10] Various hermaphroditic flatworms participate in this activity using their stylets, which is done because of the disadvantages of having to lay eggs.  
ANSWER: **penis fencing** <Bio, AW>

17. This Brit drafted the Indian Penal Code. For 10 points each:

[10] Name this 19th Century Whig Historian who wrote a History of England from the Accession of James II. He points to the Glorious Revolution as the culmination of Britain’s progression into a model of liberty for the world.

ANSWER: Thomas Babington **Macaulay**

[10] In his book, *1688*, Steven Pincus argues that the Glorious Revolution, rather than being neat, represents the beginning of modernity and claims that the English rose up because they preferred the model of this country over France. This commercial nation also provided the British with King William III from its House of Orange.

ANSWER: **Netherlands** [or **Holland**; **Nederland**; accept the **Dutch**]

[10] Princeton scholar Linda Colley points instead to this event when describing the creation of the modern British identity in her work, *Britons: Forging the Nation*. The Kingdom of Great Britain was in fact created in this 1707 event under Queen Anne.

ANSWER: **Union** of **England** and **Scotland** [accept any answer indicating **Scotland** and **England** becoming one entity; accept 1707 **Act of Union**] <Brit/ClassHist, JZ>

18. Name these composers of masses, for 10 points each.

[10] This composer’s *Nelson* Mass may have been premiered on the same day as news of a British victory against Napoleon at the Battle of the Nile.

ANSWER: Joseph **Haydn** [or Franz Joseph **Haydn**]

[10] This composer’s *Glagolitic Mass* sets text in Old Church Slavonic instead of the traditional Latin. Its penultimate movement is a lengthy solo passage for organ titled “Postludium.”

ANSWER: Leoš **Janáček** [LAY-osh YAH-nah-“check”]

[10] This German Baroque composer of the *Toccata and Fugue in D minor* included two fugal settings of the line “Kyrie eleison” towards the start of his Mass in B minor.

ANSWER: J.S. **Bach** [or Johann Sebastian **Bach**] <Music, EK>

19. In a play by this author, the brilliant physicist Mobius pretends to be insane in order to protect his groundbreaking theories from the world while spies nicknamed “Einstein” and “Newton” try to steal from him. For 10 points each:

[10] Name this Swiss author who set the play *The Physicists* in the Les Cerisiers asylum. This author’s other plays include *The Visit* and *Romulus the Great*.

ANSWER: Friedrich **Dürrenmatt**

[10] In another scientifically-themed play, these title constructs first created by Rossum rise up against the human race. In that Karel Čapek [CHA-peck] play, Helena burns the secret formula to creating more of these automata.

ANSWER: **robot**s [or *Rossum’s Universal* ***Robots***; prompt on *R.U.R.*]

[10] English playwright Michael Frayn, who depicted scientists Bohr and Heisenberg in his play *Copenhagen*, also translated some plays by this author and medical doctor, who wrote stories like “Ward No. 6” and “The Bet.”

ANSWER: Anton **Chekhov** [Anton Pavlovich **Chekhov**] <EuroLit, JC/RY>

20. This standard of judicial review was first established in Footnote Four of *U.S. v. Carolene Products* and has been called “fatal in fact” for laws because it places overwhelming legal burden on the government. For 10 points each:

[10] Name this level of judicial review that seeks a “compelling state interest.” This level of review is invoked when a law is found to either infringe on a fundamental constitutional right or burden a “discrete and insular minority.”

ANSWER: **strict scrutiny** [prompt on scrutiny; do not accept or prompt on “intermediate scrutiny”]

[10] Many rights are inferred to be fundamental through this clause of the Fifth and Fourteenth Amendments, which protect “any person” from being deprived of “life, liberty, or property.” Incorporation of the Bill of Rights into state laws proceeds through this clause of the Fourteenth Amendment.

ANSWER: **due process** clause [accept answers like “**due process** of the law”]

[10] This trait was found to be a quasi-suspect class and intermediate scrutiny protection in the case *Windsor v. U.S.* A fundamental right to marriage regardless of this trait was upheld in *Obergefell v. Hodges*.

ANSWER: **sexual orientation** [accept **homosexuality** and **queer** and **heterosexual**ity and stuff; don’t accept “transgender” but do accept **LGBTQ** because let’s not be mean here] <Other, JC>

IF ADDITIONAL BONUSES ARE NEEDED: Report to the tournament director. Then, read a bonus from the tiebreakers packet that the tournament director determines the team has not yet heard.