

OOT 2017
Packet 04 - Pericardium

Edited by Oliver Clarke, George Corfield, Charlie Clegg, Daoud Jackson, Chris Stern and Spencer Weinreich.
Questions also written by Eric Mukherjee, Thomas De Bock, Isaac Brown.

The last tossup in the last packet should have been: The Magic Flute

Tossups

1. **One poem in this work calls the author's friends to come because it is the time for the wedding of light and darkness and is titled "From High Mountains". This work says that many better moralities have and will be possible but "morality in Europe today is herd animal morality". This work's preface, which describes Christianity as (*) "Platonism for the people", posits that previous philosophers have dogmatically courted a female truth without success while "free spirits," like the author, can transcend traditional philosophical concerns. For 10 points, name this Friedrich Nietzsche book, subtitled "A Prelude to a Philosophy of the Future."**

ANSWER: Beyond Good and Evil [or Jenseits von Gut und Böse. *Vorspiel einer Philosophie der Zukunft*]

2. **Paspaley Pearling Corporation planned a "pearling and marine entertainment center" on the southeast end of this location, a mile west of Daria Island, and this area's easternmost section is being developed into the OQYANA complex. "Seahorse" villas are being constructed near St. Petersburg Island in this area, a few miles southwest of the Deira Islands and Port (*) Rashid, as well as being used for the nearby Heart of Europe project. Located due north of the Palm Jumeirah, for 10 points, Lebanon is the only commercially developed island of the 300 that comprise this artificial archipelago in Dubai, which is roughly in the shape of Earth's continents.**

ANSWER: The World Islands [or Juzur al-Ālam]

3. *Note to moderator: Read second sentence slowly with longer pauses at the commas.* **A chain dance from this country consists of a line from which the lead dancer breaks off and performs acrobatic moves called the "auresku". This country is home to an artform whose weak-weak-strong, weak-weak-strong, weak-strong, weak-strong, weak-strong beat pattern characterizes its solea palo. One dance to a song from this country involve the arms outstretched in front of the dancer and a cycle of hand movements culminating in a quarter turn. The 6/8 time (*) zapateado is traditional to this country where the bagpipe-like gaita is used to accompany the 6/8 time Muineira. For 10 points, which country gave birth to Al Gore's favorite dance, the Macarena?**

ANSWER: Spain (accept Basque country before solea)

4. **In *The Clockwork Testament*, Enderby gets a job as an English professor after creating a dramatic adaptation of this poem. The speaker of this poem expresses his confusion asking "where, where was a, where was a place?" and later calls one part of its title "double a desperate name!" In this poem, "Hope had grown grey hairs" as "frightful a nightfall folded rueful a day" and "the rash smart slogging brine blinds" one character, after a titular entity "struck—not a reef or a rock / But the (*) combs of a smother of sand". For 10 points, name this poem by Gerard Manley Hopkins, dedicated to "the happy memory of five Franciscan Nuns, exiles by the Falk Laws, drowned."**

ANSWER: "The Wreck of the Deutschland"

5. **A depiction of Scottish soldiers in this war is the earliest known depiction of Scots troops in tartan. A plague during this war saw the author of "Now Thank we All our God", Martin Rinkart, conduct as many as 50 people's funerals in a day. . This war was prefaced by Jaroslav von Martinitz and Wilhelm von Salvata being (*) ejected from Hradcany Castle. The Heilbronn League was formed during this war after the death at (*) Lutzen of the King of Sweden and between a third and a half of Germany's population died in this war.**

Sparked by the Defenestration of Prague, for 10 points, name this war ended by the Peace of Westphalia, which ran from 1618 to 1648.

ANSWER: Thirty Years' War

6. In 2016, this man published the short story collection *Bream Gives Me Hiccups*, and his plays include *Asuncion* and *The Revisionist*. This man made his television debut as Kenny Green in the short-lived *Get Real*, and in one film his character kills two men with a spoon in a parking lot, after his CIA conditioning is activated. Richard Ayoade [ay-o-wa-di] directed this man as Simon James and James Simon in 2013's *The Double*, and he starred opposite (*) Kristen Stewart in both *Adventureland* and *American Ultra*. The voice of Blu in the Pixar film *Rio*, this actor appeared in the dreadful *Batman v. Superman: Dawn of Justice* as Lex Luthor. For 10 points, name this actor, nominated for an Academy Award for his portrayal of Mark Zuckerberg in *The Social Network*.

ANSWER: Jesse Adam Eisenberg

7. This character burns himself with a fire poker to intimidate a gang trying to extort money from him, having previously revealed his wealth by buying an orphaned girl a beautiful doll. This man is almost buried alive in Mother Crucifixion's coffin while escaping from the convent of Petit Picpus, which he re-enters the next day under the name of (*) Ultime Fauchelevant. Once the object of Bishop Myriel's charity, this man rose to become mayor of Montreuil Sur Mer, under the pseudonym of Monsieur Madeleine, and he employed Fantine in his factory. For 10 points, name this ex-convict, relentlessly pursued by Javert, the protagonist of Victor Hugo's *Les Miserables*.

ANSWER: Jean Valjean [accept either underlined part, accept "Monsieur Madeleine" or "Ultime Fauchelevant" before mentioned, prompt on Urbain Fabre before "Crucifixion"]

8. On account of each movement ending with the timpani and basses playing a D, Honegger's symphony of this number is subtitled *Di Tre Re*. Bruckner's symphony of this number starts every movement but its third with a short pizzicato section. After Pravda savaged his *Lady Macbeth of the Mtsensk District*, (*) Shostakovich wrote his symphony of this number as an "...artist's creative response to justified criticism". Mahler's symphony of this number opens with a solo trumpet whose fanfare echoes the opening rhythm of the most well known symphony of this number. For 10 points, give this number of a Beethoven symphony that opens with a famous long-long-long-short motif.

ANSWER: Five

9. Absolute entropy is equal to the integral of this quantity divided by temperature with respect to temperature and for solids at low temperatures, this quantity possesses a Temperature cubed dependence. Mayer's relation describes the difference between this quantity at constant (*) pressure and volume, with that difference equal to R for ideal gases. This quantity tends to 3 R per mole for crystalline solids according to the Dulong-Petit law. At constant pressure, this quantity is defined as the rate of change of enthalpy with respect to temperature. For 10 points, name this measure of the heat needed to raise the temperature of a substance by one degree.

ANSWER: Heat Capacity (prompt on C)

10. This painting includes an inscription on a step suggesting the painting is unfinished and a disembodied foot said to belong to St Francis. In the bottom right-hand corner of this painting, a tiny figure in a green toga unfurling a scroll is a depiction of (*) St Jerome, who is named in an alternative title of this painting. The left-hand side of this painting contains what Gombrich described as "a jostling crowd of angels", one of whom holds a large vase. Those angels stand beside two central figures, one of whom looks about to slide off the lap of the other. For ten points, name this depiction of the Virgin Mary named after an elongated body part, a Mannerist masterpiece of Parmigianino.

ANSWER: Madonna with the Long Neck or Madonna del Colla Lungo or Virgin and Child with Angels and St Jerome or Madonna and Child with Angels and St Jerome

11. For inputs with real part between $\frac{1}{2}$ and 1, Voronin's Universality Theorem shows that, under certain technical conditions, this function is able to approximate arbitrary non-vanishing holomorphic functions arbitrarily well. The probability that k random numbers have a greatest common divisor of 1 is equal to the reciprocal of this function of k . Euler solved the (*) Basel problem by proving that for input 2, this function equals π^2 over 6. This function equals zero for all negative even integers and it is conjectured that all other zero solutions have a real part equal to one half. For 10 points, name this function whose nontrivial zero solutions are the subject of its namesake's unsolved hypothesis.

ANSWER: Riemann zeta function

12. This ruler employed the teacher of Porphyry, Cassius Longinus, as a court philosopher, and he who encouraged this ruler to aim for their state's independence. Gibbon states that this person, who fortified Halabiye and Zalabiye, was paraded through Rome in golden chains after the defeat of their armies near Antioch under the forces of the Emperor Aurelian, who spared this ruler's son, King Vaballathus. After the assassination of her (*) husband, Septimius Odeanathus, in 267 CE, this person came to govern most of the eastern Mediterranean from Palmyra. For 10 points, name this queen of the short-lived Palmyrene Empire.

ANSWER: Septimia Zenobia (accept Bat-Zabbai)

13. This man wrote of how "the little mothers / will sing them in the twilight" in a poem whose title echoes the first line of the Aeneid, *Famam Librosque [lee-BROSS-kway] Cano*. This man opened another work with a description of Louis Agassiz teaching a pupil how to understand a sunfish; that book is *ABC of Reading*. In one work this poet argued that "With (*) usura hath no man a house of good stone/each block cut smooth and well fitting" before describing "Rothschild paying for a few big jews' vendetta on goyim." One poem by this writer is "The apparition of these faces in the crowd /petals on a wet, black bough." For 10 points name this American poet of "In a Station of the Metro" who wrote *The Cantos*.

ANSWER: Ezra (Weston Loomis) Pound

14. Thomas Manning commented "I could have wept through strangeness and sensation" after interviewing the first of four successive notably short-lived holders of this office. The "Golden Urn" was first used in 1822 to appoint holders of this office. The current holder of this office holder has entertained the possibility that a woman could hold this role. The Book of (*) Kadam provides the basis for the claim that the holders of this office have been reincarnations of Avalokiteśvara [a-val-o-kit-esh-vara], the bodhisattva of compassion. The Gelug or "Yellow Hat" school is led by, for ten points, what office, currently held by Tenzin Gyatso, the leader of Tibetan Buddhism.

ANSWER: Dalai Lama

15. The effect of signalling through M2 receptors is a decrease in this physiological parameter. An increase in this parameter is seen as a consequence of the Bainbridge reflex. In the mammalian diving reflex, the first observable change is a fall in this parameter. This parameter also decreases as a result of raised intracranial pressure in the (*) Cushing reflex. This parameter is inversely proportional to the distance between QRS complexes. This parameter increases if the sinoatrial node depolarises more quickly and it is multiplied by stroke volume to give the cardiac output. For 10 points give this physiological parameter which at rest is around 70 beats per minute.

ANSWER: Heart Rate [accept clear equivalents, accept beats per minute before mention]

16. The octanoate of this metal is used alongside alcohols to catalyse polymerisation reactions, and it is also present in a transesterification catalyst named for Junzo Otera. AIBN [A-I-B-N] is commonly used with the

tributyl hydride of this element as a hydrogen radical donor in reactions like the (*) Barton decarboxylation. Organic halides can be coupled to sp² hybridised organic compounds of this element in the Stille reaction. This element's namesake pest occurs when its white allotrope degrades to its brittle, grey allotrope in cold temperatures. For 10 points, name this main component of pewter, which alloys with copper to form bronze.

ANSWER: Tin (accept Sn)

17. In 1966, one of this state's senator's won a Grammy and became the oldest person to have a billboard top 40 hit with a recording of the poem "Gallant Men", having early helped overcome the democratic filibuster of the Civil Rights Act while Senate Minority Leader, an office which he gained after the loss of 13 Republican senators in 1958 midterms. One congressman from this state was the subject of the first ever cover of Time magazine, and holds the record for the (*) longest career as a Republican Representative. That man led the Republican "Old Guard" while serving as a dominant Speaker of the house between 1903 and 1911. For 10 points, name this state where 7 debates were held as part of the 1858 Senate race to unseat incumbent Stephen Douglas.

ANSWER: Illinois (the people mentioned are Everett Dirksen and Joseph Gurney Cannon)

18. In Ian McEwan's Solar, the Nobel-winning physicist Michael Beard goes on a retreat to this region, while another novel begins with two men delivering a coffin to a fort in this area. The title character of that novel, the son of One Eye, is bullied by Lip-Lip and trained to fight by Beauty Smith, after which he leaves this region for California in the company of (*) Weedon Scott. Robert Walton, a failed writer, explores this region, where he encounters a near-frozen man chasing a much larger figure. Victor Frankenstein pursues his creation into, for 10 points, what region above a namesake circle, the birthplace of White Fang?

ANSWER: Arctic [accept North Pole, prompt on "polar regions"]

19. Having read Madame Butterfly, this man decided to get a large dragon tattoo while in Nagasaki. Pierre Galliard served as a tutor to this man's children and later wrote an account of thirteen years spent in this man's court. Two rickshaw drivers, who later died in destitution after being accused of being foreign agents, caught (*) Tsuda Sanzo who had tried to assassinate this man in the city of Otsu. That incident led to the trip he was on being curtailed but this man was still able to commemorate the start of the Trans-siberian Railway project in Vladivostok. For 10 points, name this final Tsar of the Russian Empire.

ANSWER: Nicholas II (prompt on Nicholas)

20. With Bela Balassa, this man names a model which attempts to explain the Penn effect, while with Abram Bergson, this thinker names a social welfare function which considers welfare for a single given set of individual preferences. In a work influenced by thermodynamicist Willard Gibbs, this economist focused on the "maximising" behaviour of agents: that work was (*) Foundations of Economic Analysis. One edition of a popular textbook written by this man notoriously predicted that the GNP of the USSR might overtake that of the USA. For 10 points, name this first American Nobel Economics Laureate who wrote the textbook *Economics*.

ANSWER: Paul Samuelson

Tiebreaker

21. The 1930s saw the successful re-introduction of North American beavers to this state's western area. The Monitor Range lies entirely within this state, near its city of Eureka, located on Lincoln Highway, "the Loneliest Road in America." The entirety of this state is located within the Basin and Range Province, and it is the driest U.S. state. The Humboldt River drains into its namesake Sink in the northwestern portion of this state, also home to the manmade Lake Mead. . Lake Tahoe stands on this state's border with California, west of Carson City. For 10 points, name this state, whose Mojave Desert includes Las Vegas.

ANSWER: Nevada

Bonuses

1. For 10 points each answer the following on the nauseating habit of people in British politics comparing one another to Islamic terrorists:

[10] Centrist Conservative MP Claire Perry argued that “I feel sometimes I am sitting along with colleagues who are like jihadis in their support for” the hard form of this political event, predicted to take place in 2019.

ANSWER: Brexit (accept descriptive answers)

[10] Serena Cowdy compared several members of this party with whom she had conducted illicit relationships, a “sexy Mujahideen.” This party’s deputy leader Stewart Hosie was forced to resign as a result while leader Nicola Sturgeon publically hugged his wife Shona Robertson.

ANSWER: Scottish National Party

[10] This Conservative politician and former MP for Richmond Park repeatedly tried to link Sadiq Khan to extremist groups during the London mayoral election leading him to be publically called out by his muslim sister Jemima Khan.

ANSWER: Zac Goldsmith

2. In 1948, this man had an auditory hallucination of a voice reading William Blake poems, variously identified as the voice of God, Blake, or “the ancient of days.” For 10 points each:

[10] Name this American poet who was fond of chanting with Hare Krishnas, helped Chögyam Trungpa establish the Naropa Institute, and addressed a section of “Howl” to the Canaanite deity Moloch.

ANSWER: Irwin Allen Ginsberg

[10] Ginsberg’s howl describes someone dreaming of a “pure” “kingdom” of this sort of substance. Another poetic polity made of this substance will “grow vaster than empires and more slow” in Marvell’s “To His Coy Mistress” which describes this kind of “love”.

ANSWER: vegetable

[10] “Howl” was originally dedicated to this journalist and college friend of Ginsberg’s, who formulated the “New Vision” of the Beat poets and went to jail for the murder of David Kammerer.

ANSWER: Lucien Carr

3. Lazzaro Spallanzani first theorised this phenomenon in the 18th century. For 10 points each.

[10] Name this phenomenon, which Galambos and Griffin provided evidence for by first covering the mouths of and then the ears of a certain order of mammals.

ANSWER: Echolocation [or biological sonar]

[10] Echolocation is most famously employed by these mammals, the only ones capable of true flight

ANSWER: Bats [or Chiroptera]

[10] Although originally thought to be an advert of their toxicity, it is now thought that tiger moths employ this tactic to make them harder for bats to identify by echolocation

ANSWER: Jamming [prompt on answers that indicate that the moths produce high frequency clicks themselves and ask for the correct term for this]

4. One of the early successes of the theory related to these entities was predicting the paramagnetism of oxygen. For Ten points each:

[10] Name these entities which are often approximated as a linear combination of their atomic counterparts.

ANSWER: Molecular Orbitals (accept MOs)

[10] This more accurate method of generating Molecular orbitals assumes that the exact wavefunction can be approximated by a Slater determinant of N atomic orbitals in a Self Consistent Field.

ANSWER: Hartree-Fock method (I guess you should probably prompt on Self Consistent Field method or SCF)

[10] Since the product of any two of these functions is always a finite sum of these functions, they are a common basis set for Hartree Fock calculations. These functions are characterised by an e to the minus x squared term.

ANSWER: **Gaussians**

5. This foodstuff was served with Fasnachtskiechli [Faz-nackt-ski-eck-lee] by the printer Christoph Froschauer to his workers at a provocative 1522 meal. For 10 points each:

[10] Name this meat product, whose consumption by the nascent Protestant community of Zürich during Lent and their defense by the pastor of the Grossmünster constituted this foodstuff's namesake "Affair".

ANSWER: **Sausage** OR **Wurst**

[10] That defender of the Zürich sausage-eaters was this Swiss founder of Reformed Christianity who disagreed with Luther about real presence and renounced his early pacifism to wage war on the Catholic cantons.

ANSWER: Huldrych **Zwingli**

[10] Zwingli was killed and posthumously burned as a heretic after this 1531 battle, the only major engagement of the second of two namesake wars.

ANSWER: Battle of **Kappel**

6. This Admiral was court-martialled and found guilty of failing "to do his utmost" against the French during the Seven Years' War. For 10 points each:

[10] Name this British Admiral whose 1747 execution aboard the HMS Monarch, was, Voltaire said in *Candide*, "pour encourager les autres".

ANSWER: John **Byng**

[10] Byng was executed after failing to resist the French siege of Fort St Philip, located near Mahon on this Balearic island. This island was returned to Britain following the treaty of Paris in exchange for the return of the French West Indies.

ANSWER: **Minorca**

[10] The Battle of Minorca was fought in the European theatre of this war fought between 1754 and 1763. Its American theatre is often known as the French and Indian War.

ANSWER: **Seven Years'**

7. This quantity is equal to the cross product of force and the distance from an axis, and can also be thought of as moment of inertia times angular acceleration. For 10 points each:

[10] Name this rotational analogue of force in physics.

ANSWER: **Torque** [accept **moment** of force]

[10] In a beam subjected to pure torsion, torque is directly proportional to this quantity. This quantity is the product of the shear modulus G and the torsion constant J.

ANSWER: Torsional **rigidity** [accept torsional **stiffness**]

[10] In mechanics, this term describes a system of forces that results in a torque, but in no resultant forces. Torque resulting from a force system of this type is independent of the point of application.

ANSWER: Force **couple**

8. Ancient sources disagree as to whether he was king of Tiryns, Mycenae or Argos. For 10 points each:

[10] Name this king, whose kingdom Zeus had decreed for Heracles, who set Heracles a series of tasks as penance for murdering his own wife.

ANSWER: **Eurystheus**

[10] The final labour of Heracles required undergoing a katabasis *and* an anabasis to bring back this creature. Aeneas would later bypass it with some drugged honey cakes.

ANSWER: **Cerberus**

[10] This nephew of Heracles helped him complete one task by cauterising each neck of the Lernaean Hydra as Heracles beheaded them.

ANSWER: **Iolaus**

9. Eric Gill did a lot of things. For 10 points each:

[10] In 1921, Gill founded the Guild of St. Joseph and St. Dominic, a Roman Catholic artist's colony based in Ditchling, which was associated with this artistic movement. This movement's aesthetic was exemplified by the wallpapers of William Morris and incorporates many medieval and folk design elements.

ANSWER: **Arts and Crafts**

[10] Gill created multiple friezes of Ariel for Broadcasting House, Art Deco headquarters of this organisation, the UK's national broadcasting and media agency.

ANSWER: **BBC** [accept **British Broadcasting Corporation**]

[10] Many of Gill's typefaces, including his namesake sans serif typeface and Perpetua, were commissioned by this printing and font design company, then advised by Stanley Morison. This company also developed Times New Roman.

ANSWER: **Monotype** Imaging Holdings, Inc.

10. A dome of golden laurel leaves sits atop a tower in a Joseph Maria Olbrich-designed exhibition hall built and named for this movement. For 10 points each:

[10] Named for the city in which it was founded in 1897, name this art movement whose members included, Max Kurzweil, and its first President, Gustav Klimt.

ANSWER: **Vienna Secession** OR **Union of Austrian Artists** OR **Vereinigung Bildener Künstler Österreichs**

[10] The Secession Building houses this large work by Klimt, part of which shows Typhoeus and his three Gorgon daughters. It was intended to honour a particular composer.

ANSWER: **Beethoven Frieze**

[10] This co-founder of the Vienna Secession illustrated its official magazine *Ver Sacrum* and painted *Venus in the Grotto*. He designed the mosaics and stained glass for Otto Wagner's Steinhof Church.

ANSWER: Koloman **Moser**

11. For 10 points each, answer the following about the geography of the remains of the North American mound builders.

[10] Moundville and Cahokia were both constructed by a culture named for this river, which divides the Cahokia site in Illinois from St. Louis in Missouri.

ANSWER: **Mississippi**

[10] The more elaborate Serpent Mound is located in the state named for this largest tributary of the Mississippi, which also flows past the Angel Mounds.

ANSWER: **Ohio**

[10] The mound builders existed as east as this state, where they built sites at Etowah and Ocmulgee.

ANSWER: **Georgia**

12. The closest known one of these orbits Proxima Centauri. For 10 points each:

[10] Name this class of objects, the first of which were discovered orbiting a pulsar in the early 1990s. Over three thousand have now been confirmed.

ANSWER: **Exoplanets**

[10] The pace of discoveries increased dramatically with this NASA space observatory. This probe used the transit method to detect periodic dips in brightness of the stars it observed to detect exoplanets.

ANSWER: **Kepler**

[10] This particular star has come under repeated scrutiny for possibly containing exoplanets within the "Goldilocks" Zone. This red dwarf's planet "c" was the first low mass exoplanet discovered in a potentially habitable orbit.

ANSWER: **Gliese 581**

13. This man described his travels to Iran, Pakistan, Malaysia, and Indonesia in the wake of the Iranian Revolution in *Among the Believers: An Islamic Journey*. For 10 points each:

[10] Name this author, whose other nonfiction includes *The Masque of Africa*, *A Turn in the South*, and a book on the history of Venezuela and Trinidad, *The Loss of El Dorado*.

ANSWER: Vidiadhar Surajprasad **Naipaul**

[10] Naipaul's *A Bend in the River* is set in a country dominated by this dictator, Raymond's former protégée, who publishes his thoughts in the *Maximes* and sets up his mother as "the African Madonna."

ANSWER: "the **Big Man**"

[10] The year after *A Bend in the River*, Naipaul published his journal on which it was based, titled *A* [this region] *Diary*. Joseph Conrad, to whom Naipaul is often compared, set *Heart of Darkness* in a phenomenally racist depiction of this region's namesake "Free State."

ANSWER: **Congo**

14. Before Abel Tasman and Captain Cook, the Maori were the first humans to colonize New Zealand. For 10 points each:

[10] The arrival of the Maori had major effects upon the ecosystem, leading to the extinction of these flightless birds and their main predator, Haast's eagle

ANSWER: **Moa**

[10] After the initial Moa-hunter period ended, the Classic Period began, which was characterised by the development of these hill forts.

ANSWER: **pa**

[10] The arrival of Europeans in New Zealand and of new technologies led to the outbreak of this series of inter-tribal wars and conflicts, named for the sort of guns used.

ANSWER: **Musket** Wars

15. This man set one novel on a remote Argentine island, where Vasquez, Moris, and Felipe struggle to repulse Kongre's pirates: *The Lighthouse at the End of the World*. For 10 points each,

[10] Name this creator of *Summy Skim* and *Ben Raddle*, who set out to find the titular landmark in *The Golden Volcano*. Other adventurers in this man's works include the scholar Otto Lidenbrock and his nephew Axel.

ANSWER: Jules Gabriel **Verne**

[10] Lidenbrock is the protagonist of this novel, in which he and his nephew descend through yet another a volcano, witnessing a fight between an *Ichthyosaurus* and a *Plesiosaurus*, before returning to the surface through Stromboli.

ANSWER: *A **Journey to the Center of the Earth*** [or ***Voyage au centre de la Terre***, accept "Interior" for "Center"]

[10] Lidenbrock's expedition is inspired by his studies of this Old Norse saga, recounting the lives of the kings of Norway, by Snorri Sturluson.

ANSWER: **Heimskringla**

16. During this battle, the Arditi Corps earned the nickname "the Caimans of the Piave" for swimming back and forth across the frigid Piave River to carry messages. For 10 points each,

[10] Name this 1918 victory for Armando Diaz, who had replaced Luigi Cadorna the previous year, which led to the Armistice of Villa Giusti.

ANSWER: Battle of **Vittorio Veneto**

[10] Vittorio Veneto was the culmination of the Italian Front of World War I, which saw no fewer than twelve battles named for this natural feature; the twelfth is better known as the Battle of Caporetto.

ANSWER: **Isonzo** River [accept **Soča** River]

[10] The impact of the defeat at Caporetto lingered in Italian consciousness. Benito Mussolini called one of these events in 1922 the "Caporetto of Italian Socialism." Britain saw one of these labour actions in which workers across different industries unite in industrial action in 1926.

ANSWER: general strike [prompt on “strike”]

17. Her creator planned to write about “a heroine whom no one but myself will much like,” and describes her further as “handsome, clever and rich, with a comfortable home and happy disposition.” For ten points each,

[10] Name this Jane Austen heroine, who drastically overrates her own matchmaking abilities.

ANSWER: Emma

[10] Emma's matchmaking abilities focus primarily on this naive younger friend of hers, whom she tries to pair with Mr. Elton and Frank Churchill, but who eventually marries Robert Martin.

ANSWER: Harriet Smith [accept either underlined part]

[10] Mr. Elton eventually marries Augusta, who is unable to shut up about her sister's imminent arrival with a luxury type of these items. Frank and Mrs. Weston have a misunderstanding about Mr. Perry's plan to buy one of these things.

ANSWER: carriage [accept barouche-landau or other equivalents]

18. Arthur Schopenhauer described this work as “the finest and most comprehensible of Kant's principal works, which is far too little read, for it immensely facilitates the study of his philosophy.” For 10 points each:

[10] Name this short work written in response to criticism of the *Critique of Pure Reason*. It was written in the analytic style and sought to show how metaphysics could be possible as a science.

ANSWER: “Prolegomena to Any Future Metaphysics (That Will Be Able to Come Forward as a Science)” [or “Prolegomena zu einer jeden künftigen Metaphysik, die als Wissenschaft wird auftreten können”]

[10] In the “Prolegomena”, Kant argues that it was this philosopher's “remark that first, many years ago, interrupted my dogmatic slumber” and critiques his arguments on deism found in his *Dialogues Concerning Natural Religion*.

ANSWER: David Hume

[10] Kant says that Hume didn't doubt whether cause was necessary but whether it had this property. Galen Strawson has stated that an argument has this quality “if you can see that it is true just lying on your couch”.

ANSWER: A priori

19. This group was founded by Mabel Barltrop with the chief intention of getting Anglican bishops to open a sealed box even after it was found to contain a broken horse pistol and a lottery ticket. For 10 points each:

[10] Name this society whose last member died in 2012. They believed the Garden of Eden was located on an allotment in Bedford.

ANSWER: Panacea Society

[10] This English-founded U.S.-based charismatic offshoot of the Quakers is down to two members as of 2017 – this may have something to do with their celibacy. In the mid-18th century, they were led by Mother Ann Lee.

ANSWER: Shakers OR United Society of Believers in Christ's Second Appearing

[10] Suffering no such demographic trouble is this Utah-based offshoot of Christianity who originally believed that the New Jerusalem would be based in Independence, Missouri.

ANSWER: Mormonism OR The Church of Jesus Christ of the Latter-day Saints

20. A solemn ascending C-G-C motif in the trumpets opens one tone poem by this composer. For 10 points each:

[10] Name this composer of the tone poems *Also sprach Zarathustra* and *Till Eulenspiegel's Merry Pranks*.

ANSWER: Richard Strauss [prompt on Strauss alone]

[10] Strauss quotes from *Till Eulenspiegel* in the *Works of Peace* section of this autobiographical tone poem. He depicts the Munich critic Doktor Dehring with ominous consecutive fifths in the lower wind and brass.

ANSWER: Ein Heldenleben [or A Hero's Life]

[10] Strauss used this ‘heroic’ key for *Ein Heldenleben*, as it is the same key Beethoven used for his *Eroica* symphony and *Emperor Piano Concerto*.

ANSWER: E-flat major