

SUBMIT 2014: “sometimes referred to as Groper[citation needed]”

Packet by Harvard A and UVA B

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Tossups

1. **One character in this novel watches a movie about a baboon who saves orphans from a fire, “Lonnie Comes Home Again.” A policeman in this novel pushes the protagonist’s car off a cliff after he is caught driving without a license. After following an advertisement for the “friendliest bed in town,” this novel’s protagonist sleeps with an obese prostitute named Leora; later, he decides to seduce Sabbath Lily, the nymphomaniac daughter of a man who once pretended to blind himself with lye, (*) Asa Hawks. After stealing a mummified dwarf, a young zookeeper in this novel kills a man dressed as the “the Great Gunga” and takes his gorilla suit. In addition to featuring Enoch Emery, this novel features a man who kills Onnie Jay Holy with his car after the latter begins preaching his own “Church of Christ Without Christ.” For 10 points, name this novel about Hazel Motes by Flannery O’Connor.**

ANSWER: Wise Blood

2. **Although executed in a different country, Operation Old Bridge resulted in the arrest of several members of this organization. The DIA currently targets this group that was also targeted by an early-’80s addition to Article 416 by the PCI Party. The aftermath of the Irpinia Earthquake led to a bonanza for this group. The Maxi and Spartacus Trials harmed this organization that supplied the heroin in the Pizza (*) Connection. The Camorra and the ’Ndrangheta are parts of this larger organization. This group has many contacts in the Gambino crime family and is sworn to live by the code of *omerta*, or silence. For 10 points, name this organization that does most of its business in Palermo and is also known as La Cosa Nostra.**

ANSWER: Italian Mafia (accept Sicilian Mafia and equivalents like Mafia in Italy; accept Mob for Mafia; accept La Cosa Nostra until read; accept Camorra before being read; prompt on “mafia” or “mob”)

3. **Instrumentation for a recently developed, automated form of this method is currently developed by the CAMAG group. A systematic approach to solvent optimization in this technique is the PRISMA model. Iodine is the most commonly used stain, but others include ceric ammonium molybdate and *p*-anisaldehyde. A process developed in Tokyo Medical for the analysis of lipids involves this technique; that is the Far-Eastern blot. (*) Almost all amines and carbamates can be detected by the use of ninhydrin in this technique. Just like in a similar technique using paper, dividing the solute propagation by the solvent front propagation gives the retardation factor. For 10 points, name this form of chromatography in which the stationary phase is often silica gel spread on a glass or plastic plate.**

ANSWER: thin-layer chromatography or TLC (prompt on “chromatography”; prompt on “planar chromatography”)

4. **This philosopher posited that the ultimate cause of the motion of all bodies is the mind of God, opposing Newton, who he called later the “infidel mathematician.” He used the example of how a piece of wheat is small to a man but larger to a mite in pointing out the inadequacy of the extension argument. To illustrate a point, he questioned the sense in not believing that the moon is “a plain lucid surface, about a foot in diameter.” Using a (*) cherry and a tree, this man constructed what Andre Gallois christened his “master argument,” which disputes the distinction between primary and secondary qualities and claims the impossibility of existence independent of the mind. That is explained in his *A Treatise Concerning the Principles of Human Knowledge*. For 10 points, name this philosopher who wrote *Three Dialogues between Hylas and Philonous*.**

ANSWER: George Berkeley

5. The artist's name is signed on a rock in the right foreground of this work sitting in a sea of black before tall grass. In the left background a small castle can be seen perched on a hill, with a path leading to a small house and a towered bridge. That bridge crosses a river in the middle of the painting, flowing into the foreground, coming from a black mountain with black clouds right behind it. Towards the right of the painting a tree line sits in front of a steep hill, where a gray (*) cathedral steeple looms against the black clouds. Walls move down to the bridge to the left of the cathedral, while to the right gray walls enclose buildings, with a citadel sitting at the highest point of the hill. For 10 points, name this 1600 painting, the first Spanish landscape, of a certain city by El Greco.

ANSWER: View of Toledo

6. During this election, the slogan "let's be done with wiggle and wobble" was devised by Albert Lasker, and Wallace McCamant defied party bosses by nominating the winning VP over Irvine Lenroot. This was the *first* election that featured William McAdoo as a Democratic candidate. William Chancellor claimed the Republican candidate in this election was a "West Indian Negro." (*) Harry Daugherty engineered the choice of one candidate in the "smoke-filled room" during this election, which also featured the *last* run of an imprisoned Socialist, Eugene Debs. In this election, Franklin D. Roosevelt ran as a Democratic vice presidential candidate under James Cox, who lost in a landslide to an advocate of "normalcy." For 10 points, name this U.S. presidential election, the first to feature women voters, that was won by Warren Harding.

ANSWER: election of 1920

7. In an episode of *The Good Guys*, Bradley Whitford's character accidentally performs this action, which goes viral on YouTube. The *Colbert Report* segment "Current Events" details newsworthy instances of this action being performed. Elijah Wood and Ryan Reynolds performed this action "in the *butthole/over and over*" to the singer of the *Lonely* (*) Island song "Threw It on the Ground." Anderson Cooper really enjoys watching a video of this action being performed on CNN anchor Rick Sanchez. One of the most famous instances of this action occurred on a University of Florida student at a John Kerry event who pleaded for the police to not perform this action on him, bro. For 10 points, name this action that administers an electrical shock to people, often performed by the police.

ANSWER: being tased (accept all variants such as being tasered, tasing, tasering, to tase something)

8. The speaker of this poem describes a concept that is "so much refined" and "inter-assured of mind." This poem claims that a certain "breach" is in fact an "expansion, like gold to aery thinness beat." In this poem, the narrator uses the parenthetical "whose soul is sense" to describe the love of "Dull sublunary lovers." This poem references astronomical theories with phrases like "Moving of th' earth" and (*) "trepidation of the spheres" and asserts that "Twere profanation of our love / To tell the laity our joy." The first stanza of this poem uses the analogy "as virtuous men pass mildly away," and the speaker states "thy firmness makes my circle just" while comparing himself and his lover to arms of a drafting compass. For 10 points, name this poem that asks "So let us melt, and make no noise" a work of John Donne about parting lovers.

ANSWER: "A Valediction Forbidding Mourning"

9. The dimensionless constant that characterizes the strength of this process can be approximated by equations named for Dittus and Boelter. The square of the Brunt–Väisälä frequency being less than zero is one way to express the Schwarzschild criterion for a stellar object to be stable against this phenomenon. This mechanism is treated by neglecting density variations (*) except when multiplied by g ; that is the Boussinesq approximation. Its strength is characterized by the Nusselt number, which is the coefficient of this times a characteristic length divided by the conductivity of the fluid. A well-known type of this process in which fluid develops Bénard cells is named for Rayleigh and Bénard. For 10 points, name this method of heat transfer, which is

not conduction or radiation.

ANSWER: convection

10. This man directed a film in which the smuggler Guy Van Stratten is hired to research the title millionaire's past, of which he has no memory before 1927. After admitting that she is nearly broke, Agnes Moorehead's character Fanny breaks down in a famous "boiler room" scene from another of this director's films. A shootout in the hall of mirrors at a funhouse concludes another film by this director of *Mr. Arkadin*, in which Michael O'Hara runs away with Elsa after agreeing to fake George Grisby's death. This director of *The (*) Lady from Shanghai* used a three-minute, twenty-second tracking shot to open his *Touch of Evil* but is best known for a film in which a newspaper magnate builds the Xanadu estate and drops a snow globe before saying the word "Rosebud" and dying. For 10 points, name this director of *The Magnificent Ambersons* and *Citizen Kane*.

ANSWER: Orson Welles

11. In the *Aeneid*, Juno offers this deity the hand of the nymph Deiopea in exchange for his help. This figure ordered his daughter Canace to kill herself after she committed incest with his son Macareus. According to some sources, this deity is the son of a woman who was born as a foal, although others claim him to be a son of Hippotes. In some stories, this figure and his brother Boeotus were conceived when (*) Poseidon impregnated Arne while in the form of a bull. This deity is perhaps best known for giving a bag to a wanderer and telling him not to open it; ignorance of that command resulted in Eurys, Notus, and Boreas flying out of the bag and wrecking the ships belonging to Odysseus. For 10 points, name this inhabitant of a floating island and Greek ruler of the winds.

ANSWER: Aeolus

12. Frederick Zeuthen suggested that inequalities be introduced into a set of equations created by this economist in order to admit "free goods." This economist developed those four sets of equations linking factor prices and quantities with output prices and quantities in a model named for him and Gustav Cassel. This economist's namesake law states that if all other markets in a system are in equilibrium, the remaining market must also be in (*) equilibrium. Those equilibriums were proven to be Pareto efficient by Arrow and Debreu. Along with William Stanley Jevons and Carl Menger, this economist advocated for Marginalism in a namesake "revolution." For 10 points, name this author of *Elements of Pure Economics*, a French economist who helped develop general equilibrium theory.

ANSWER: Marie-Esprit-Léon Walras

13. One character created by this author is killed by several soldiers after smashing a beer glass against the face of a woman he covets who had been prostituted by a pimp. Another character created by this author is met by nobody after being released from a four-year prison stint and seeks revenge on Ilish, as well as his ex-wife. This author wrote a novel in which a character is banished from her house after being (*) hit by a car and fracturing her collarbone, and that novel centers around the wedding of Aisha, the daughter of the philandering Al-Sayyid Ahmad. This author wrote a novel in which three of the title characters represent Moses, Jesus, and Mohammed. For 10 points, name this author of *The Thief and the Dogs* and *Children of Gebelawi*, whose novel *Palace Walk* appears in his "Cairo Trilogy."

ANSWER: Naguib Mahfouz

14. Carefully corrupting the keys of at most a certain number of values in this data structure allows for five operations to have a constant amortized runtime in its soft variant. When implementing smoothsort, the elements are stored in this kind of data structure based on Leonardo numbers. By using these as internal traversal data structures along with adjacency lists instead of using adjacency matrices, (*) Prim's algorithm can be run in $O(E \log V)$ instead of $O(V^2)$. Fredman and Tarjan developed a form of this data structure

that inserts, decreases keys, and merges in amortized constant time; that variant of this data structure is a collection of trees; that is the Fibonacci type. For 10 points, name this data structure whose min type satisfies the property that the key of a child is always greater than or equal to the key of a parent.

ANSWER: heap

15. While attempting to assist forces of this man, Henry Crabb was executed by firing squad after the Battle of Caborca. This man had Melchor Ocampo negotiate a treaty with Robert McLane, but the resulting agreement was never ratified by the Senate. This politician's namesake law was supplemented by the Lerdo law, which forbade corporations to own land, and he ordered the deaths of rivals Tomas Mejia and Miguel Miramon. This man was arrested after Felix Zuloaga issued the Plan of (*) Tacubaya. This president of Ignacio Comonfort's Supreme Court supported the Plan of Ayutla, defeated a reactionary coup in the War of Reform, and, thanks to his general Ignacio Zaragoza, bested a rival at the Battle of Puebla. For 10 points, name this Zapotec politician who overthrew Emperor Maximilian I, a liberal president of Mexico.

ANSWER: Benito Juarez

16. A repeating motif in one work by this composer is a descending perfect fourth, followed by a perfect fifth. The first movement in that work by this composer, marked *modéré*, opens in F-sharp minor and immediately precedes a minuet. A series of arpeggios and arabesques occupy the pianist in a composition by this creator of *Sonatine*. Joseph de Marliave is commemorated with the *vif* 2/4 toccata, opening with sixteen sixteenth-note E's, of his *Le* (*) *tombeau de Couperin*. This composer of *Jeux d'eau* described a scene beginning with three nymph statues that later perform a "religious dance" in his ballet *Daphnis et Chloé*. A prominent snare drum ostinato features in his most famous work. For 10 points, name this composer of *Boléro*.

ANSWER: Joseph-Maurice Ravel

17. Preceded by Bon, which practiced worship of the Transcendent Lords, the oldest school of this religion followed the Nine Ways transmitted by Shenrab. In addition to the Nyingma, which acknowledges the 25 disciples, the Kagyu, and the Sakya, this religion differentiates itself from its youngest school, the Gelug, known for their allegiance to the (*) Mongols. Members of this sect, who address respected leaders as "Rinpoche," may use prayer wheels to invoke deities like Chenrezig. This sect, divided into Yellow and Red Hats, locates its leaders after having them select from the items chosen by their predecessors. Formerly centered in Lhasa, for 10 points, identify this religion, currently led by Tenzin Gyatso, the 14th Dalai Lama.

ANSWER: Tibetan Buddhism (prompt on "Buddhism")

18. Whenever the protagonist of this story acts up, his partner resorts to displaying photographs of him near death. At one point in this story, a woman is laughed at and replaced by an attendant after she bursts into tears while grasping the protagonist's hand. The protagonist of this story lives in a abode furnished by a single clock and is constantly watched over by three (*) butchers. The title character of this work is annoyed that his act has been limited to periods of forty days, believing that it impedes his greatness. At the end of this story, the title character reveals that he took up his profession because he "couldn't find the food [he] liked." For 10 points, name this short story about a man who denies himself food in order to entertain others, a work of Franz Kafka.

ANSWER: "A Hunger Artist" (or "Ein Hungerkünstler"; accept things like "fasting" or "starving" or "starvation" for "hunger")

19. One enzyme has conserved SH2 and SH3 domains that bind to this amino acid and are similar to another enzyme that acts on residues of this amino acid and activates STAT proteins; those are SRC and JAK. Sulfation of residues of this amino acid in secretory proteins occurs mostly in the *trans*-Golgi network. One disorder related to production of this compound has a rare form that occurs due to defects in production of (*) tetrahydrobiopterin. That disease, which more commonly occurs due to mutations in the PAH gene, is

phenylketonuria. This amino acid is a precursor to catecholamines like dopamine and synthesis of thyroxine involves attaching iodine atoms to this amino acid. Phenylalanine, tryptophan, and this amino acid are the only ones to have phenol groups. For 10 points, name this amino acid symbolized Y.

ANSWER: tyrosine

20. **This ruler's court was lampooned by the Marquis de Custine, and he exiled the poet Taras Shevchenko for mocking his wife. He agreed to mutual defense with the Ottoman Empire in the Treaty of Hünkâr İskelesi. One of this ruler's doctrines was developed by Sergey Uvarov and centered around the principles of Orthodoxy, Autocracy, and Nationality. This husband of Charlotte of Prussia crushed Piotr Wysocki's (*) Cadet Revolution, which grew into Józef Chłopicki's similarly fated November Uprising. Sergey Muravyov-Apostol led the Chernigov Regiment in another revolt against this tsar following the arrest of Pavel Pestel, who had earlier joined Eugene Obolensky and Sergei Trubetskoy in support of this man's brother Constantine. For 10 points, name this Russian tsar who was opposed in the Decembrist Revolt and succeeded his brother Alexander I.**

ANSWER: Nicholas I (or Nikolai I; prompt on either name without a number)

21. **One character in this novel flips a coin directly into the slot of a pinball machine. Another character in this work repeats the phrase "Can't say fairer than that" while having an affair with the music teacher Poppy Burt-Jones. That character convinces the owner of O'Connell's pub to hang up a portrait of his great-grandfather Mangal Pandey, the instigator of the Sepoy Mutiny. This novel features an (*) Islamic fundamentalist organization with the acronym KEVIN and ends with the escape of the biologist Marcus Chalfen's genetically-modified FutureMouse. This work prompted an essay about the genre of "hysterical realism" by James Wood, and opens with the attempted suicide of Archibald Jones, who later marries the former Jehovah's Witness Clara Bowden. For 10 points, name this debut novel by Zadie Smith.**

ANSWER: White Teeth

Bonuses

1. An article in *Midnight Pussycats* about this character's disappearance claims that she is covered in cement at the bottom of San Pedro Bay. For 10 points each:

[10] Name this star of a pornographic film in which she peels a banana, a locket-wearing actress who is kidnapped by a flying saucer and mated with another character in an alien zoo.

ANSWER: **Montana Wildhack** (accept either name)

[10] Wildhack has a child with Billy Pilgrim on the planet of these toilet plunger-shaped aliens. This race sees in four dimensions, meaning that they experience all moments simultaneously.

ANSWER: **Tralfamadorians**

[10] The Tralfamadorians appear in several novels by this author of *Sirens of Titan* and *Slaughterhouse-Five*.

ANSWER: Kurt **Vonnegut**

2. Maximum caliber is a variational method that treats dynamics of nonequilibrium systems by maximizing this quantity for paths. For 10 points each:

[10] Name this quantity which is, for black holes, is proportional to the area of the event horizon. The fluctuation theorem governs its probability of increasing or decreasing at non-equilibrium.

ANSWER: **entropy**

[10] Von Neumann entropy is defined as negative the trace of this operator times the natural log of this operator. This operator is used to describe states in a mixture of pure state kets.

ANSWER: **density** matrix or **density** operator

[10] Entropy has the units energy over temperature, which is the same as this quantity, the amount of energy needed to raise temperature. The Dulong–Petit law says that it is three times the gas constant.

ANSWER: **heat capacity** (accept **specific heat** capacity)

3. William Yancey opposed this proposal with his Alabama Platform, and it was passed by the House thanks to Preston King. For 10 points each:

[10] Identify this proposal to ban slavery in territories acquired from Mexico following the Mexican-American War.

ANSWER: **Wilmot** Proviso

[10] New York Democrats who, like David Wilmot, opposed the extension of slavery to the territories, were known by this name. These opponents of the Hunkers nominated Martin van Buren for the presidency in 1848.

ANSWER: **Barnburners**

[10] The Wilmot Proviso was denounced at a meeting in this city, which followed the Mississippi Convention and took place three months prior to the passage of the Compromise of 1850. Although that convention here advocated compromise, a followup meeting in this city affirmed the states' right to secession.

ANSWER: **Nashville** Convention

4. This work posits the modern-day existence of tailcoats as an example of a “survival,” which is an irrational custom that is the vestige of a rational one. For 10 points each:

[10] Name this anthropological work which terms magic a “pseudo-science” and a “pernicious delusion” and describes a dual aspect of religion encompassed by “animism of the self” and “animism of the other.”

ANSWER: **Primitive Culture**

[10] *Primitive Culture* is a work by this English anthropologist who pinpointed animism as the earliest manifestation of religious belief and wrote *Anthropology, an Introduction to the Study of Man and Civilization*.

ANSWER: Edward Burnett **Tylor**

[10] Tylor's theories of magic and religion were influential in this later comparative study of religion by James Frazer, titled after an object from the *Aeneid*.

ANSWER: *The Golden Bough: A Study in Comparative Religion*

5. His stone depiction of a man lying on his side is called *West Wind*: For 10 points each:

[10] Name this British sculptor of a series of “reclining figures.”

ANSWER: Henry Moore

[10] Henry Moore taught this later English sculptor. Separate half-discs of circles comprise her *Two Forms*.

ANSWER: Barbara Hepworth

[10] Moore sculpted the bronze *Nuclear Energy* for this city that features a large bean-shaped Anish Kapoor sculpture called *Cloud Gate*.

ANSWER: Chicago

6. These structures have oldest layers in the center and are formed with their partners by compression. For 10 points each:

[10] Name these folds in which strata slope downward from the center. They come in ramp and rollover varieties, and are signs of the presence of petroleum.

ANSWER: anticlines

[10] Rollover anticlines will often form in the listric variety of these features. These fractures also come in strike, thrust, and strike-slip varieties.

ANSWER: faults

[10] Anticlines are a type of this structure that occurs any time a mobile material is forced through a brittle one. Salt domes are another example.

ANSWER: diapirs (accept word forms)

7. In this poem, the speaker notes “for all day, the wheels are droning, turning; / their wind comes in our faces, / Till our hearts turn, our heads with pulses burning, / and the walls turn in their places.” For 10 points each:

[10] Name this poem, which observes a certain group “weeping in the playtime of the others, / in the country of the free.”

ANSWER: “The Cry of the Children”

[10] This poet of “A Musical Instrument” and *Sonnets from the Portuguese* wrote “The Cry of the Children.”

ANSWER: Elizabeth Barrett Browning (prompt on “Browning”)

[10] Browning also wrote this work, a verse novel detailing the growth and education of the title character after she travels from Italy to England to live with her aunt. Lady Waldemar begs the title character to prevent her cousin Romney from marrying Marian Erle, a lower class girl.

ANSWER: Aurora Leigh

8. This country suffered the *rampjaar*, or “disaster year,” during which an English-French alliance nearly conquered it. For 10 points each:

[10] Name this country composed of seven provinces which gained its independence from Spain in the Eighty Years War.

ANSWER: Republic of the United Provinces (accept Netherlands or Holland)

[10] Although banned from this office by the Act of Seclusion, William III was elected to this post after the defeats of the *rampjaar*. The holder of this position commanded the military of the United Provinces.

ANSWER: stadtholder (prompt on “place holder” or other English translations)

[10] This man included the Act of Seclusion in the Treaty of Westminster while serving as the Grand Pensionary of Holland, but was lynched with his brother Cornelis shortly after William III’s return and election.

ANSWER: Johan de Witte

9. This god entrusted his son Oduduwa with the Chicken of Creation, which spread out the dry earth on the ancient

waters. For 10 points each:

[10] Name this supreme sky deity of the Yoruban mythos, who bestowed his 16 sons with crowns establishing their divinity.

ANSWER: **Olodumare** (or **Olorun**, or **Eledumare**, or **Eleda**, or **Olofin**)

[10] This syncretic religion derived from Yoruba religion was the subject of the Supreme Court Case involving the Church of Lukumi Babalu Aye. It involves the prayers of orishas, and frequently practices allopathic medicine.

ANSWER: **Santería** (or **Lukumi**)

[10] This practice in Santería involves a Padrino blessing the head of the candidate, and placing them in four rituals, including the retrieval of a necklace and reception of the Saints.

ANSWER: **becoming a priest** or **Santero/a** (accept equivalent answers like **initiating clergy**)

10. The double brass and woodwind combine to create the “Song of Laughter” in the second movement of this composer’s *A Mass of Life*. For 10 points each:

[10] Name this composer who set Whitman’s poetry to music in “Sea Drift.”

ANSWER: Frederick **Delius**

[10] Violins play the theme “In Ola Valley” for this Delius composition, a tone poem whose first movement includes calls by the title birds.

ANSWER: **On Hearing the First Cuckoo in Spring**

[10] Delius is probably most famous for his opera about a “Village” version of these two characters, who die together at the end of a Gounod opera.

ANSWER: **Romeo** and **Juliet**

11. Job security is very low for people in charge of African nations. Answer some questions about dudes who have recently lost their jobs. For 10 points each:

[10] This former president of the Central African Republic had to flee in 2013 after rebels nearly reached Bangui. He’s currently hanging out in Cameroon.

ANSWER: Francois **Bozize** Yangouvonda

[10] You’ve probably heard about how unstable things are in this post-revolutionary country, currently led by Ali Zeidan. The instability is understandable, considering it had been led by Mu‘ammar Gaddafi for more than 40 years before the revolution.

ANSWER: **Libya**

[10] Rebels in this country have recently captured the towns of Bor and Malakal. This country’s president, Salva Kiir Mayakar, has been its leader since its inception.

ANSWER: Republic of **South Sudan**

12. This temporary endocrine structure in female mammals responds to hCG secretion by an implanted blastocyst by continuing to secrete progesterone. For 10 points each:

[10] Name this structure which develops from the ovarian follicle after secondary oocyte release.

ANSWER: **corpus luteum**

[10] In mammals, two secondary oocytes form one of these and three polar bodies. These are fertilized inside the body in viviparous animals.

ANSWER: mature **ovum** (accept **ova**; accept **egg** cell)

[10] These cells luteinize into small luteal cells in the formation of the corpus luteum. Luteinizing hormone stimulates these cells to produce androstenedione, which is turned to estradiol by aromatase in granulosa cells.

ANSWER: **theca** cells

13. After returning from military service in Denmark, one character in this work kills his wife’s lover, puts his body in a cabin, and burns down the cabin. For 10 points each:

[10] Name this tetralogy centering on Olav and Ingunn, set largely on the title estate in the 13th and 14th centuries. Its volumes include *The Axe* and *The Snake Pit*.

ANSWER: The **Master of Hestviken** (or **Olav Audunsson i Hestviken**)

[10] *The Master of Hestviken* is a work by this Nobel Prize-winning author of *Kristin Lavransdatter*.

ANSWER: Sigrid **Undset**

[10] Undset was a writer from this Scandinavian country, whose other authors have included Knut Hamsen and Henrik Ibsen.

ANSWER: **Norway** (or **Norge**)

14. A tavern sign on the left side of this work features the scene of St. Hubertus and the deer. For 10 points each:

[10] Identify this painting that features a bunch of dogs, three men, and one dead fox on the top of a hill, approaching a village where a crowd of silhouettes are skating.

ANSWER: *The **Hunters in the Snow*** (accept **Jagers in de Sneeuw** or *The **Return of the Hunters***)

[10] This Northern Renaissance artist of *Netherlandish Proverbs* included *The Hunters in the Snow* in his “Labours of the Months” series.

ANSWER: Pieter **Bruegel** the Elder

[10] This Bruegel landscape’s background includes a cheerful family throwing sticks at a tied-up goose, but its focus is a ripe wheat field and some peasants relaxing and eating under a tree.

ANSWER: *The **Harvesters***

15. This philosopher questioned whether it would be an obligation to take in and take care of a child who grew from a “people-seed” that floated through an open window. For 10 points each:

[10] Name this author of “A Defense of Abortion,” a Columbia education moral philosopher and metaphysician.

ANSWER: Judith Jarvis **Thomson**

[10] A famous thought experiment in “A Defense of Abortion” is when the writer wakes up attached to a violin player via a dialysis machine, and an objection to that thought experiment draws on the distinction between these two acts to argue that the death resulting from detaching the violinist is less immoral than an abortion.

ANSWER: **killing** and **letting die** (accept equivalents)

[10] Thomson invokes this Biblical parable from the Gospel of Luke when talking about a woman who carries a fetus to term. In it, Jesus told of a man who was beaten and left for dead until a man came by and rescued him.

ANSWER: Parable of the **Good Samaritan**

16. This man overthrew Milton Obote and gave the Asians of his country 90 days to get out. For 10 points each:

[10] Identify this “Conqueror of the British Empire,” a Ugandan dictator who personally welcomed the Air France Flight 139 hijackers to Entebbe Airport.

ANSWER: Idi **Amin** Dada Oumee

[10] This unrelated dictator and wearer of the “abacost” tunic seized power from Joseph Kasa-Vubu and advocated an afrocetric Authenticite program when he wasn’t embezzling billions and taking shopping trips to Paris.

ANSWER: **Mobutu** Sese Seko Kuku Ngbendu wa Za Banga (or Joseph-Desiré **Mobutu**)

[10] This other African nation got its own crazy dictator with Francisco Macias Nguema, who proclaimed himself a “Grand Miracle,” banned the word “intellectual,” and had opponents executed by soldiers dressed as Santas to the tune of “Those Were the Days.” His nephew, Teodoro Obiang, has ruled this country since a 1975 coup.

ANSWER: **Equatorial Guinea**

17. Moderator: Do not say Yugoslavia when giving the answer to the first part. **DO. NOT. SAY. YUGOSLAVIA.**

This king led the January 6th Dictatorship and his forces won the Battle of Kaymakchalan. For 10 points each:

[10] Name this king whose assassination by the IMRO in Marseilles was the first to be captured on film. This king was succeeded by Peter II.

ANSWER: **Alexander** I of Yugoslavia (accept **Alexander** the **Unifier**)

[10] Alexander was the king of this amalgam of Balkan states. Joseph Broz Tito would rule this country for many years in the latter half of the 20th century.

ANSWER: Kingdom of **Yugoslavia** (accept: Socialist Federal Republic of **Yugoslavia**)

[10] Alexander really didn't care for this group that led the Lika Uprising. Led by Ante Pavelić, they ran the Jasenovac Concentration Camp.

ANSWER: **Ustaše** (accept **Ustaša**-Croatian Revolutionary Movement)

18. This play was originally included in a trilogy with *Phineus* and *Glaucus*, both of which are now lost. For 10 points each:

[10] Name this play in which Atossa awaits the return of her son from battle and summons her the ghost of her dead husband from the underworld, who condemns her son for his hubris in losing the Battle of Salamis.

ANSWER: *The **Persians***

[10] *The Persians* is a play by this ancient Greek playwright of the *Oresteia*.

ANSWER: **Aeschylus**

[10] In this play of the *Oresteia*, Orestes is prosecuted for the murder of Clytemnestra after being chased relentlessly by the Furies. Orestes is eventually acquitted when Athena casts the final vote to set him free.

ANSWER: *The **Eumenides*** (or *The **Kindly Ones***)

19. Calculating this object involves splitting the wavefunction of a many body system into a bunch of functions of only a single particle, and then taking linear combinations of products of those functions. For a for 10 points each:

[10] Name this expression for a wavefunction of a system with multiple identical fermions.

ANSWER: **Slater determinant**

[10] This approximate technique in computational chemistry computes energy for many-body systems writing the wavefunction as a Slater determinant.

ANSWER: **Hartree-Fock** approximation

[10] The Hartree-Fock approximation can be used to approximately construct these mathematical entities that describe the distribution of electrons in a molecule or atom. They are written with a star if they are antibonding and atomic ones can be computed by the LCAO method.

ANSWER: molecular or atomic **orbitals**

20. This god was banished from the city of Nippur after crossing a river with the aid of Nuska and conceiving the moon god Sin. For 10 points each:

[10] Name this husband of Ninlil, the wind god in Mesopotamian mythology. He also wiped out the human race by sending a great flood.

ANSWER: **Enlil**

[10] The only survivors of Enlil's flood were Utnapishtim and his family. In a namesake epic, this king of Uruk visits Utnapishtim while searching for immortality after witnessing the death of Enkidu.

ANSWER: **Gilgamesh**

[10] According to the Enuma Elish, this other Mesopotamian god was given the Tablets of Destiny by Tiamat, his mother. He was killed by Marduk while leading Tiamat's army.

ANSWER: **Kingu**

21. Identify the following about Ovid's appearances in literature. For 10 points each:

[10] This poet wrote "God / Is distant, difficult" in his poem "Ovid in the Third Reich." He also wrote a collection that pairs his childhood with the reign of Offa, *Mercian Hymns*.

ANSWER: Geoffrey **Hill**

[10] One author from this country wrote about Ovid befriending a feral boy while in exile in his novel *An Imaginary*

Life. This country is home to David Malouf, Thomas Keneally, and Patrick White.

ANSWER: **Australia**

[10] This Russian poet gave his second collection the Ovid-inspired title *Tristia*. He also wrote a poem about a “Kremlin highlander” who is “booming, poking, and whiffing,” his *Stalin Epigram*.

ANSWER: Osip **Mandelstam**

22. Name some one-hit wonders from the 1990s. For 10 points each:

[10] 90s one hit wonder Haddaway is most famous for this song, which was memorably used in the Night at the Roxbury SNL sketch. The title question is followed with the line, “Baby, don’t hurt me.”

ANSWER: **“What Is Love?”**

[10] This band’s hit “Flagpole Sitta” declared “I’m not sick, but I’m not well.” Their album *King James Version* is really good.

ANSWER: **Harvey Danger**

[10] This band, which seems to mostly be one dude messing around in a studio, had the B.B. King-sampling hit “Standing Outside a Broken Phonebooth with Money in My Hand.”

ANSWER: **Primitive Radio Gods**