OOT 2020: [The Search for a Middle Clue]
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Packet 1

Toss-ups:

1. The earliest evidence of a 'fast' variant of this technology in Mesopotamia comes from the Early Uruk Period, but the earliest Egyptian depiction of the further development of its 'kick' variant comes as late as the reign of Darius. Toys using another variant of this technology were discovered in pre-Columbian archaeological levels at Vera Cruz, but the lack of suitable animals in the New World likely limited its practical development in the Americas. The Standard of Ur shows onagers attached to objects with solid versions of this technology, several hundred years prior to the Anatolian invention of spokes. For 10 points, name this technology, which was first used to enable pottery to be spun, and in the development of chariots and carts.
ANSWER: the **wheel** [accept **potter's wheel**] <OSC>

2. A character in this play is accused of 'Wipin' the neighborhood with my name like a dirty rag!' This play begins with a speech explaining how people from a certain cultural background are learning to 'settle for half' by trusting the law. A lawyer in this play introduces the community of Red Hook as 'the gullet of New York'. This play's protagonist pretends to be surprised after betraying several other characters to immigration officials in Act 2 due to his obsession with the orphan Catherine. This play is narrated by Alfieri and culminates with Marco killing the longshoreman Eddie with his own knife. For 10 points, name this play about the Italian-American immigrant Carbone [car-BOH-nay] family, by Arthur Miller.
ANSWER: A *View from the Bridge* <AH>

3. For an abelian Lie algebra, the universal enveloping algebra is an algebra with this property. The Newton-Girard formulas relate the functions described by this adjective to the sums of k'th [kayth] powers of functions described by this word. Metrics obey the triangle inequality, are positive definite, and satisfy this property. A matrix has this property if and only if it is diagonalisable by orthogonal matrices as a consequence of the spectral theorem. Equivalence relations are reflexive, transitive and this property. A matrix has this property if it is hermitian and real, or equivalently if it equals its transpose. For 10 points, give this word that in another context might describe shapes that are the same when you rotate or reflect them.
ANSWER: **symmetric** [accept **symmetry** and other word forms] <JR>

4. *Two answers required.* Richard Swinburne argued that these two thinkers were mistaken in rejecting 'natural theology' in one essay. One of these thinkers argued that it had never occurred to the other that 'experience is derived from pure concepts of the understanding'. One of these authors' response to the other's theory of causality is arguably found in that author's *Dreams of a Spirit Seer*. One of these thinkers claimed that the other 'interrupted [him] from his dogmatic slumber', which resulted in that thinker developing the notion of synthetic *a priori* judgements in order to rebut the other in *An Enquiry Concerning Human Understanding*. For 10 points, name these thinkers, one a philosopher of the Scottish Enlightenment, the other the author of *Critique of Pure Reason.*
ANSWER: David **Hume** and Immanuel **Kant** <GDC>

5. This composer wrote a Polichinelle [po-LEE-chee-nell] in ternary form whose key, though ambiguous, is usually described as F sharp minor. Another piece by this composer has an *Agitato* middle section of chromatic triplets leading into a four-stave recapitulation and begins with fortissimo octave chords on A, G sharp and C sharp. Both those pieces by this composer were included in a set dedicated to their harmony teacher, Anton Arensky. This composer of *Vocalise* regretted composing their most famous prelude and needed alcohol before performing the twenty-fourth and final variation on another composer's caprice for violin. For 10 points, name this composer of *Prelude in C-sharp Minor* and *Rhapsody on a Theme of Paganini*.
ANSWER: Sergei Vasilyevich **Rachmaninoff** <AH>

6. *Note to moderator: please check the answerline before beginning to read the question.*
A person with this profession is described by a former colleague as 'so proud, and yet[...]so useless'; that person with this profession tries to get her diabetic pet dog Max onto *Britain's Got Talent*. When asked where his loyalty would lie if the chips were down, a person with this profession says 'it's my job to see the chips stay up'. A running joke claims that a person with this profession is in love with Peter Mannion. In one TV show, Robyn Murdoch works in this profession. A person with this profession previously studied Classics at Baillie College, Oxford and frequently discourages their superior by labelling their ideas 'a courageous decision'. Bernard Woolley has, for 10 points, what profession, also held by Sir Humphrey Appleby in *Yes, Minister*?
ANSWER: **civil servant** [or **civil service**; accept **Director of Communications** at DoSAC; accept Senior **Press Officer** at DoSAC; accept **Permanent Secretary** for the Department of Administrative Affairs; accept **Cabinet Secretary**; accept **Principal Private Secretary** to the Minister for Administrative Affairs; accept **Principal Private Secretary** to the Prime Minister] <AH>

7. Vasari says that this artist wrote a commentary on a text for which he also produced drawings such as one that shows the shaggy torso and three heads of Satan. Another work by this artist shows a seated king with ass's ears attended by Ignorance and Suspicion, being approached by Perfidy, Calumny, Fraud and Rancour, in a work attempting to recreate a painting described by Lucian. A mythological work by this artist depicts baby satyrs playing with a lance as the title deities recline. Another work by this artist shows Zephyrus transforming the nymph Chloris into the goddess Flora. For 10 points, name this Italian Renaissance artist of *Venus and Mars*, who also depicted Venus with the Three Graces in *Primavera*.
ANSWER: Sandro **Botticelli** <OSC>

8. The Mesha Stele contains the oldest-known inscription of this term, which continued to be written in the 'palaeo' form of its language into the second century CE. Jerome remarked to Marcella that this term was often misread by Greeks as *pipi* [pih-pih], while it may be an obsolete form of the verb 'to be'. Exodus 3:15 refers to this term, which also appears as an acrostic in Psalm 96:11, as 'my memorial unto all generations', and it may derive from the phrase 'I am that I am'. Hebrew vowel pointings on this term are often for entirely different words, especially its most common replacement when read aloud, 'Adonai'. For 10 points, give this four-letter term for the name of God in Judaism.
ANSWER: **YHWH** [accept the **Tetragrammaton**, accept **Yahweh** or **Jehovah**; accept **HaShem**; accept the **name of God** before the end; prompt on God] <AP>

9. In patients with an AIRE [air] deficiency, the first clinical manifestation of this phenomenon is often a persistent fungal infection of mucosae. C.D.4+ Fox.p3+ C.D.25(high) regulatory T cells help prevent this phenomenon through the production of inhibitory cytokines. Clonal deletion is a crucial mechanism for

preventing this phenomenon. Anti-C.D.3 antibodies may protect beta cells to prevent a disease caused by this phenomenon. The X-inactivation skew theory may explain why females are more prone to this phenomenon and therefore have a higher incidence of diseases such as lupus and rheumatoid arthritis. For 10 points, name this term that describes an aberrant antibody or cell-mediated immune response against one's own tissues.
ANSWER: **autoimmunity** [accept **autoimmune** disease; prompt on loss of immunological tolerance or word forms thereof; prompt on failure of negative selection or word forms thereof] <ML>

10. One member of this group reminisced, 'What I wanted most was a good meal, a man, and, once more, Mozart's Requiem'. Israel Carp was the first member of this group to be killed. One wing of this group was a faction of the FTP led by Missak Manouchian, and it was assisted by Operation Jedburgh. The 'night and fog' directive targeted this group, whose rural members were known as *maquis.* The playing of Beethoven's Fifth Symphony signaled the beginning of radio messages sent to this group, which under *Plan Violet* destroyed phone lines in preparation for D-Day. Formally led by Jean Moulin, for 10 points, give this collective name of the agents who worked against both the occupying Nazis and the Vichy regime during World War II.
ANSWER: **French Resistance** [accept **F**rench **F**orces of the **I**nterior; prompt on Free French] <CJ>

11. Hamaker introduced a constant used for analysing these interactions that Lifschitz later adapted to account for the presence of a dielectric medium. Many of these interactions can be derived by Rayleigh-Schrödinger perturbation theory, including one named for Keesom and a repulsive effect due to the Pauli exclusion principle. The volatility of white phosphorus compared to black phosphorus can be attributed to the weakness of these interactions. The Lennard-Jones potential models these interactions, which cause non-zero second and higher virial coefficients in gases. For 10 points, identify these interactions, including ones named after van der Waals, which occur between chemical species not covalently bound together.
ANSWER: **intermolecular forces** [accept **van der Waals** forces before mention, anti-prompt afterwards; anti-prompt on London dispersion forces] <AG>

12. In Thomas Chestre's *Sir Launfal*, this person is blinded by the faerie princess Tyramour for maliciously accusing Launfal of seducing them. While in Welsh mythology this person's father is the giant Gogyrfan, in most texts this person's father has custody of the Round Table after Uther's death, and is Leodegrance. Along with ten other people, this person is ambushed by Maleagant, prompting a rescue by a knight who rides much of the way in a cart. Described as 'a true lover, and therefore[...]had a good end' in *Le Morte d'Arthur*, this person is exposed by Agravaine and Mordred and sentenced to be burnt for their adulterous relationship with Lancelot. For 10 points, name this wife of King Arthur.
ANSWER: **Guinevere** <AP>

13. The *Abschleifungstheorie* [absh-LIFE-ungs-TAY-oh-ree] is one suggestion about the development of the German version of this concept, which may have occurred due to Czech influence, though the opposite could also be true. One French version of this concept uses a synthetic construction ending with parts of the verb 'to have' and developed from a Latin construction denoting obligation. One English way of expressing this concept developed from a purposive construction, using an equivalent to the verb *aller* [a-LAY], which is used in French to convey this concept. For 10 points, name this grammatical tense, expressed in English using the auxiliaries 'will' and 'be going to'.
 ANSWER: **future** tense [accept **futurity**] <ELM>

14. Flight PT-RDZ, which was carrying pensioners looking to take up state benefits, disappeared in this country partly as a result of taking off from one of its many unregistered landing strips. The EU gave money to this country in 1982 to demarcate land for the Awa people, one of the last hunter-gatherer groups found here. The rubber-rich Uru-Eu-Uaw-Uaw [OO-roo-EY-oo-WOW-WOW] Indigenous Territory can be found in this country's state of Rondônia. The Haximu massacre, in which gold miners attacked this country's indigenous Yanomami tribe, took place near this country's border with Venezuela. For 10 points, name this country, whose President Jair Bolsonaro has been accused of allowing further destruction of the Amazon.
ANSWER: **Brazil** <GDC>

15. Raffaello Tancredi painted this ruler standing on the walls of Mirandola after a successful siege. This ruler's favourite and rumoured lover Francesco Alidari was murdered while on the way to dinner with them, and their daughter Felice traveled to France to negotiate with Anne of Brittany on their behalf. Louis XII convened a *conciliabulum* at Pisa against this ruler, though earlier this ruler had allied with France, Spain, and the Holy Roman Empire against Venice, forming the League of Cambrai. This ruler seized control of the papal armies by imprisoning Cesare Borgia, the son of this man's predecessor in his highest office. Born Giuliano della Rovere, for 10 points, name this 'Warrior Pope'.
ANSWER: **Julius II** [accept Giuliano **della Rovere** before mention] <CJ>

16. The narrator of a short story by this author claims to have an artist who is painting a still life of a skull that bears a resemblance to a sex worker named Natalie. A girl in another short story by this author refrains from cutting off her own breasts only when she sees a painting of nymphs in a mirror. That short story by this author revolves around four characters being stuck on an island in the North Sea and is called 'The Deluge at Norderney'. A French character created by this author is taken in by the 'Two Ladies of Berlevaag', wins the lottery, and chooses to spend the money on an enormous meal. 'Babette's Feast' is one of the *Seven Gothic Tales* by, for 10 points, which Danish author, who also wrote the memoir *Out of Africa*?
ANSWER: Isak **Dinesen** [or Karen **Blixen**] <GDC>

17. In this opera's second act, a solo clarinet plays a repeated eighth note, quarter note, eighth note, eighth-note rest rhythm as the protagonist writes a letter to their lover. A *piano* theme in the high strings beginning with a B minor chord represents this opera's protagonist and opens its third and first acts. In the only non-sung section of this opera, the protagonist ends the reading of another letter with the shout 'È tardi!' before a carnival procession passes by outside. At a party hosted by Flora, a song is sung about a matador who killed five bulls in a day, and a pile of money is thrown at the protagonist by the singer of the *brindisi* 'Libiamo n'liete calici' [cah-li-chi], Alfredo. For 10 points, name this Verdi opera about Violetta, the title 'fallen woman'.
ANSWER: *La traviata* <AP>

18. One attempted invasion of this colony failed after Edward D'Oyley persuaded two rebel leaders to change sides. In this colony, the nurse Cubah Cornwallis treated patients like the future William IV. The Robin Hood-like figure Three-Fingered Jack was active in this colony, where Tacky's War took place. Edward Trelawny signed treaties with two groups in this colony called the 'Windward' and 'Leeward', after which Quao led the Crawford's Town Uprising. Enslaved Africans in this colony escaped sugar plantations to join leaders like Cudjoe and Nanny, who fought the First Maroon War. In 1692, this colony's major city was devastated by an earthquake. For 10 points, name this Caribbean colony whose Port Royal was a haven for pirates.

ANSWER: **Jamaica** <CJ>

19. The protagonist has an intense conversation with Meneses' wife on Christmas Eve in a short story titled for one of these animals by Machado de Assis. In another story, four disabled boys kill their sister after seeing a servant decapitate one of these animals. Fernanda accuses Maurício of stealing these animals in one novel in order to keep him from marrying Meme, while in another work Pelayo and Elisenda lock up an angel with a number of these animals. The protagonist refuses the politician Sabas' offer to sell one of these animals that he inherited from his son Agustín in *No One Writes to the Colonel*, instead deciding to train this animal for fights. For 10 points, name these animals that the title character of a García Márquez story is forced to live with in their coop.
ANSWER: **chicken** [accept **rooster**; accept **hen**; accept **cock**; prompt on bird] <CJ>

20. Experimental evidence found in 2010 shows that when this phenomenon is close to occurring in a chain of cobalt atoms, the behaviour is characterised by the group E8. These phenomena are characterised by universal critical exponents. The Peierls [PIE-earls] argument can be used to show that this phenomenon does not occur in the one-dimensional Ising model, but does in higher dimensions. Landau characterised these phenomena using an order parameter whose value changes from zero when these phenomena occur. The Clausius-Clapeyron equation determines how the temperature required for these phenomena changes with pressure. For 10 points, name these phenomena involving a discontinuous change in a system's properties, examples of which include boiling.
ANSWER: **phase transition**s [accept **changes of state**; accept **spontaneous symmetry breaking** or **S.S.B.** until 'Clausius-Clapeyron' is read; accept **criticality** until 'critical exponents' is read; prompt on ferromagnetism until 'Landau'; accept **paramagnetic-ferromagnetic transition**; prompt on boiling or condensation] <LW>

Bonuses:

1. Complex social behaviours exhibited by these animals include separate resident and transient groups. For 10 points each:
[10] Name this group of animals that includes whales and dolphins. Balancing a sponge on the nose as protection while hunting has been seen in a population of one species of these animals in Shark's Bay, Australia.
ANSWER: **cetacea**ns [prompt on mammals]
[10] Sponging has been suggested to be an example of this type of social behaviour, as 'spongers' tend to associate with other spongers without an apparent genetic cause. In non-human animals, the presence of this phenomenon - the transmission of behaviours through social learning - is still controversial.
ANSWER: animal **culture**s
[10] In these animals, inter-group variation in the use of sticks for termite fishing suggests the behaviour is culturally transmitted. Jane Goodall studied these animals at Gombe [gom-BAY] Stream National Park in Tanzania.
ANSWER: **chimp**anzees [or *P*an *****troglodytes*****; prompt on bonobo; prompt on *Pan*] <LC>

2. While playing this game against the reigning world champion, Dr B. is driven insane as he remembers being kept in solitary confinement by the Nazis. For 10 points each:
[10] Name this game, which titles a novella by Stefan Zweig. Dr B. is eventually restored to his senses after he makes an incorrect statement about giving check with a bishop in this game.
ANSWER: **chess** [or **Schach**; prompt on *The Royal Game*]
[10] This author wrote *The Luzhin Defence*, featuring a chess player who 'abandon[s] the game' by climbing out of a window. This author included a chess problem they composed alongside sketches of a Swiss-French governess in their autobiography.
ANSWER: Vladimir Vladimirovich **Nabokov**
[10] In this novel, the criminal gang leader Fischerle [FEE-sher-leh] dreams of travelling to America to become a chess champion. He attempts to con this novel's protagonist, Peter Kien, in Vienna.
ANSWER: *****Auto-da-Fé***** [accept *The *****Blinding***** or *Die *****Blendung*****] [by Elias Canetti] <AH>

3. This composer fiercely defended their monopoly on theatre music, developing genres such as *tragédie en musique* and the *comédie-ballet*. For 10 points each:
[10] Name this composer. They invented the French Overture and wrote incidental music for many of Molière's early plays, such as *Le Bourgeois Gentilhomme* [ZHEN-tee-omm].
ANSWER: Jean-Baptiste **Lully** (Giovanni Battista **Lulli**)
[10] Lully was appointed royal music master by this monarch. An accomplished ballet dancer, this monarch appeared in the *Ballet Royal de la Nuit* as the god Apollo, part of their self-presentation as the 'Sun King'.
ANSWER: **Louis XIV** [prompt on Louis]
[10] Protected by the Duchess of Guise, this composer flouted Lully's monopoly, writing music for Molière's *The Imaginary Invalid*. Music master for the Jesuits, the prelude to one of their *Te Deum*s is the theme of the European Broadcasting Union.
ANSWER: Marc-Antoine **Charpentier** <AP>

4. One of these figures supposedly created a sandbar called the Doom Bar as a dying curse. For 10 points each:

[10] Name these mythical beings, one of which caused a young man to disappear at Zennor. Carnival showman P. T. Barnum supposedly exhibited one of these beings from Fiji, although it had the head of a monkey.
ANSWER: **mermaid**s [accept Feejee **mermaid**, **Mermaid** of Padstow or **Mermaid** of Zennor]
[10] The Mermaids of Padstow and Zennor are both drawn from the folklore of this English county, also known for the Beast of Bodmin Moor. A pixie myth is set near this county's city of Truro.
ANSWER: **Cornwall** [or **Kernow**]
[10] The legendary Cornish fisherman Tom Bawcock is traditionally celebrated by eating this food. After saving the village of Mousehole from a famine, Bawcock legendarily cooked seven types of fish into this food.
ANSWER: **stargazy pie** [or **starrey gazy pie**; prompt on fish **pie**] <AH>

5. This philosopher critiqued one theory by arguing against the notion that the world consists of independent facts that can be represented by independent symbols, an assumption he called 'ontological'. For 10 points each:
[10] Name this philosopher, whose most famous essay draws on Heidegger to argue that there is a difference between 'knowing-how' and 'knowing-that'.
ANSWER: Herbert **Dreyfus**
[10] Dreyfus' *What Computers Can't Do* criticises research into this concept. The Turing test is a method of inquiry examining this concept, the 'strong form' of which would involve a computer performing the full range of human cognitive abilities.
ANSWER: **artificial intelligence** [or **AI**]
[10] This thought experiment by John Searle is used to argue that computers do not have consciousness, even if they are able to perfectly mimic human behaviour.
ANSWER: **Chinese Room** <GDC>

6. One of the two dynasties named for this animal reached its territorial apex under Uzuan Hasan, and the other rebelled against the Jalairid Sulanate while led by Qara Yusuf. For 10 points each:
[10] Name this animal whose 'white' and 'black' varieties named a pair of Oghuz Turkic dynasties that expanded east from Anatolia in the late fourteenth and early fifteenth centuries.
ANSWER: **sheep**
[10] The Black Sheep ruler Iskander reportedly turned this modern-day country into a 'desert' during his rule. A civil war between Iskander and his brother Jihanshah in this country saw the sacking of the Tatev monastery and the relocation of a *catholicos* to Etchmiadzin Cathedral.
ANSWER: **Armenia**
[10] Both the Black and White Sheep fought constantly with successors of this earlier conqueror. The White Sheep's victory at the Battle of Qarabagh forced the retreat of this man's empire back toward Samarkand.
ANSWER: **Timur** the Lame [accept **Tamerlane**] <CJ>

7. One of this architect's most notable achievements was constructing a dam on the River Glyme to form the Great Lake in front of Blenheim Palace. For 10 points each:
[10] Name this figure who originally worked under William Kent. Extremely popular for their harmonious, un-stylized designs, they became known by a word they used to assess properties they were hired to improve.
ANSWER: Capability **Brown**
[10] Blenheim the building was designed partly by Nicholas Hawksmoor, who previously worked as an assistant to this other architect. This architect designed St. Paul's Cathedral after the Great Fire of London.

ANSWER: Sir Christopher **Wren**
[10] In addition to making badly-needed repairs to Beverley Minster, Hawksmoor also worked in Yorkshire on the design of this stately home. Among his contributions to this site's gardens are a large pyramid and the first free-standing mausoleum in Europe since Roman times.
ANSWER: **Castle Howard** <CJ>

8. In 2016, Israel's defense minister Avigdor Lieberman likened a poem by this author to *Mein Kampf*. For 10 points each:
[10] Name this poet, who wrote that 'Nothing is left for us and my grandchildren / Except these rocks' in their poem 'Identity Card'.
ANSWER: Mahmoud **Darwish**
[10] Darwish's prose poem *Memory for Forgetfulness* recreates the horrific siege of this capital city of Lebanon.
ANSWER: **Beirut**
[10] *Memory for Forgetfulness* is set on a day which commemorates events at this location. Another poet's work *Bringing Forth New Life* is set at this location, while a poem carved at this location begins 'Give me back my father. Give me back my mother'.
ANSWER: **Hiroshima** <AH>

9. Spiral waves are driven by the Lindblad example of these phenomena, which tend to increase orbital eccentricity, whilst another secular example of these phenomena is named for Lidov and Kozai. For 10 points each:
[10] Name these mechanisms by which orbital parameters can be drastically changed, which typically are due to two bodies having orbital periods that are simple multiples of each other.
ANSWER: orbital **resonance**s
[10] These structures in spiral galaxies give rise to a rotating potential that can then channel gas inward through orbital resonances.
ANSWER: **bar**s
[10] The accelerations of stars in a galaxy are given by this field. A single massive particle generates a field by this name whose strength is proportional to mass over distance squared.
ANSWER: **gravitational** field [do not accept 'gravitational potential', accept word forms of '**gravity**'] <JR>

10. Francis Bacon painted his own version of this painting that now hangs in the Tate Modern. For 10 points each:
[10] Name this artwork, which shows the title figure in a straw hat walking along a road carrying an easel in one hand and a picnic basket in the other.
ANSWER: *Painter on the Road to Tarascon*
[10] *Painter on the Road to Tarascon* is a lost painting by Vincent Van Gogh. Another of Van Gogh's lost works depicts a windmill in this area of Paris, which was the subject of a series by him that includes paintings titled *Le Moulin de la Galette Terrace*.
ANSWER: **Montmartre**
[10] American air raids on Japan destroyed a Van Gogh still life of these flowers. Van Gogh painted a famous series of paintings depicting these flowers in order to impress his friend Paul Gauguin as part of the *Décoration for the Yellow House*.
ANSWER: **sunflowers** <GDC>

11. Like the editors of this tournament, concrete can be prestressed. For 10 points each:
[10] Prestressed concrete is used because, while the structure as a whole is under tensile stress, the concrete itself is under this type of stress. The bulk modulus measures resistance to deformation under this type of stress, and is very high for concrete.
ANSWER: **compressive** [accept word forms]
[10 While it decreases the compressive strength of concrete, air entrainment makes concrete more durable, especially to this form of physical weathering, because the presence of small air pockets allows the concrete to absorb the stress from the expansion that water undergoes when it cools.
ANSWER: **freeze-thaw** [prompt on anything mentioning ice or frost]
[10] Adding these minerals to concrete improves both its compressive strength and durability. As a very fine powder, these siliceous or aluminous minerals react with water to give compounds with cementitious properties. The Romans acquired volcanic pumices and tuffs to use as these materials from a namesake place.
ANSWER: **pozzolans** [accept **pozzolanic** or **Pozzolana**] <LW>

12. The period named for this city saw the introduction of the Yoro law code and lasted until Emperor Kammu ordered the relocation of the capital to Nagaoka. For 10 points each:
[10] Name this city, laid out on a grid to resemble Chang'an, that served as capital of Japan from 710 to 784.
ANSWER: **Nara** [accept **Heijo**-kyo]
[10] This period followed the Nara period, when the capital had moved to modern Kyoto. During this period, Buddhism spread widely through Japan and literary works like the *Pillow Book* and the *Tale of Genji* were written.
ANSWER: **Heian** period
[10] Due to weak emperors, the Heian period was dominated by aristocratic clans like this one, whose member Kiyomori rose to the position of *daijo daijin*. This family was defeated by the Minamoto clan in the Genpei War, leading to the establishment of the first shogunate.
ANSWER: **Taira** <CJ>

13. This thinker wrote a recent critique of economics that involves the claim that banks are 'magic money trees' and cited Skidelsky's claim that 'lunatic premises lead to mad conclusions'. For 10 points each:
[10] Name this anthropologist, whose work *The Utopia of Rules* analyses how people relate to and are influenced by bureaucracies.
ANSWER: David **Graeber**
[10] David Graeber wrote a work that examined '5000 years' of this concept with respect to social institutions like barter and marriage. A contract involving this concept often specifies that one party pays the other 'interest'.
ANSWER: **debt**
[10] David Graeber examined the 'bullshit' form of these things in another book, in which he describes how 'flunkies' and 'goons' fill examples of them.
ANSWER: **job**s <GDC>

14. The missing fourth volume of this writer's *History of Rome*, concerned with the Empire, was reconstructed from their lecture notes. For 10 points each:
[10] Name this writer, who founded the *Corpus Inscriptionum Latinarum*, edited the *Corpus Iuris Civilis*, and contributed editions of Cassiodorus's *Variae* and Jordanes's *Getica* to the Monumenta Germaniae Historica.
ANSWER: Christian Matthias Theodor **Mommsen**

[10] The UK equivalent to the MGH is Pipe Roll Society, which is based in this institution at Kew. This institution holds the decennial census records, as well as many other items including Jack the Ripper's 'Dear Boss' letter.
ANSWER: The **National Archives**
[10] Perhaps the best known items in the National Archives are the two volumes of this 1086 survey of England and Wales commissioned by William the Conqueror.
ANSWER: **Domesday Book** <AP>

15. A protagonist wants to furnish every room of their house in this city using black walnut. For 10 points each:
[10] Name this city. In another novel set in this city, a lawyer watches a feminist speech delivered by a character who temporarily moves in with the lawyer's female cousin.
ANSWER: **Boston**
[10] The protagonist of one of this author's novels watches their house on Beacon Street in Boston burn down before its completion. This author's character Basil Marsh is a Bostonian and features in the novel *A Hazard of New Fortunes*.
ANSWER: William Dean **Howells**
[10] This author wrote *The Bostonians*, but is perhaps most famous for writing *The Portrait of a Lady* and *The Golden Bowl*.
ANSWER: Henry **James** <GDC>

16. Several of the Upanishads contain hymns to this force as personified in Tripura Sundari, while some Tantric interpretations equate the ten Mahavidyas to the incarnations of Vishnu. For 10 points each:
[10] Name this divine feminine power, venerated as the supreme deity by a major tradition of Hinduism in the form of a pantheon of goddesses.
ANSWER: **Shakti**
[10] Shaktism believes this goddess to be the direct incarnation of the supreme goddess Adi Parashakti. The festival of Navrati celebrates this goddess in the form of Durga, while in the Puranas she is a reincarnation of Sati after the latter throws herself into a fire.
ANSWER: **Parvati**
[10] Parvati is the wife of this destroyer god and member of the Trimurti, who is accordingly sometimes represented as equally male and female.
ANSWER: **Shiva** <CJ>

17. The University of Kazan, besides being the alma mater of Lenin, became known as the birthplace of organic chemistry for the work of many chemists in the late 19th century. For 10 points each:
[10] Name this compound discovered at Kazan in 1859 by Aleksandr Butlerov. This simplest aldehyde is well known for its use as an embalming agent.
ANSWER: **formaldehyde** [accept, but do not otherwise reveal, **methanal**; do NOT accept or prompt on 'methanol'. If unsure what answer has been given, ask them to spell it.]
[10] This rule, named for a student of Butlerov and rival of Markovnikov, states that elimination reactions favour the more substituted alkene product.
ANSWER: **Zaitsev**'s rule
[10] E2 eliminations require the proton and leaving group to be in this geometry. A notable exception to Zaitsev's rule arises in some cyclic compounds, when this arrangement is not possible.

ANSWER: **antiperiplanar** [accept **trans-coplanar**] <AG>

18. A letter from this man was supposedly found in Stalin's office warning him to 'Stop sending people to kill me! ...If you don't stop sending killers, I'll send a very fast working one to Moscow and I certainly won't have to send another.' For 10 points each:
[10] That letter came from this leader of the Yugoslav Partisans in the Second World War, who became Prime Minister and then President for Life in the post-war years.
ANSWER: Josip **Broz** **Tito** [accept either underlined part]
[10] Tito's differences with Stalin in part arose because of his ambitions to unite Yugoslavia with this other country following the Lake Bled accord. This country's first communist leader had been tried in Germany for complicity in the Reichstag Fire.
ANSWER: **Bulgaria**
[10] The official collapse of Yugoslav-Soviet relations came about with the expulsion of Yugoslavia from this pre-Warsaw Pact body, an alliance of Marxist-Leninist states formed in 1947. The expulsion of Yugoslavia from this body was somewhat awkward, since it was headquartered in Belgrade.
ANSWER: **Cominform** [accept **Information Bureau of the Communist and Workers' Parties**] <OSC>

19. For 10 points each, name the following scams and scammers that took the Internet by storm:
[10] This botched music festival touted by rapper Ja Rule and several Instagram influencers had attendees arrive at Great Exuma, Bahamas, only to be given cheese sandwiches and FEMA tents.
ANSWER: **Fyre** Festival
[10] In December 2019, this entrepreneur, whom *Forbes* controversially claimed was on track to become 'the world's youngest self-made billionaire', was called a scammer after posting a video of themselves using a product from their new skin-care line that appeared not to succeed in washing any of their makeup off.
ANSWER: **Kylie Jenner** [prompt on **Jenner**]
[10] In a more serious scam, this Russian pretend socialite was convicted of grand larceny in 2019 for cheating hotels, restaurants, and their circle of privileged friends out of hundreds of thousands of dollars while pretending to be a German heiress in New York.
ANSWER: Anna **Delvey** [accept Anna **Sorokin**] <CJ>

20. This character tests William Page's Latin, though is frequently interrupted by Mistress Quickly's misunderstandings. For 10 points each:
[10] Name this Welsh schoolmaster in *The Merry Wives of Windsor* who 'makes fritters of English' while helping Slender court Anne Page in competition with the French Dr Caius [KY-us].
ANSWER: Hugh **Evans**
[10] Evans leads his pupils disguised as fairies to torment this unwanted suitor of the Windsor wives. The play was supposedly written due to Elizabeth I's desire to see more of this fat old knight from the *Henry IV* plays.
ANSWER: John **Falstaff**
[10] The pedant Holofernes and the curate Nathaniel put on a much-heckled pageant of the Nine Worthies at the court of Navarre in this play, which is cut short by the arrival of Marcadé [mar-ka-DAY] with the news that the King of France is dead.
ANSWER: *Love's Labour's Lost* <AP>