

## OOT 2019: A Pope for Every Packet

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THE ANSWER TO THE LAST TOSS-UP SHOULD HAVE BEEN: **Iran**

### Packet 9

#### **Toss-ups:**

1. Mark Ravenhill wrote a 2013 play of this name for the Royal Shakespeare Company described as a ‘comfortable life overtaken by an endless barrage of misfortune’. A revival of another production with this name retained only one element from Lillian Hellman’s original book by calling the heroine’s otherwise unnamed brother Maximilian. Patti Lupone [‘loop’-‘OWN’] appeared as the Old Woman in a 2004 production of that work of this name, which requires the soprano lead to reach three high E-flats during an aria in which she despairs of being ‘forced to glitter, forced to be gay’ and opens with ‘The Best of All Possible Worlds’ sung by Dr. Pangloss. For 10 points, give this name of several adaptations of a Voltaire novel, including an operetta by Leonard Bernstein.

ANSWER: **Candide** <CJ>

2. In the north of this country, fermented skinless sausages called *chin som* are made using sticky rice and pork. This non-Japan country claims to be the origin of vegetable carving, while the term *wan*, meaning sweet, in one of its dishes refers to its colour, not its flavour. A soup from this country is made using a broth flavoured with galangal, kaffir lime leaves, and lemongrass, and this country is the world’s largest producer of Jasmine rice. A stir-fried rice noodle dish with tofu, fish sauce, and shrimp, served with lime wedges, is named for this country. For 10 points, name this country, whose cuisine includes *tom yum* and a characteristic green curry.

ANSWER: **Thailand** <AP>

3. One politician from this party was the first governor of the Indiana Territory, while another man was expelled from this party after an attempt to replace him with Samuel Southard failed. The last successful candidate of this party was also the last Southerner to be elected president until Woodrow Wilson. That man earned his nickname ‘Old Rough and Ready’ from his success in the Second Seminole War. This party nominated Henry Clay for his last presidential run after he led opposition in Congress to the Jacksonian Democrats, though it later split over the issue of slavery into the Republican and Know-Nothing parties. For 10 points, name this nineteenth-century American political party that took its name from a British rival of the Tories.

ANSWER: **Whig** <CJ>

4. One of these compounds can provoke fast ‘non-genomic’ effects mediated by the intracellular receptor GPR30. These compounds have been thought to be involved in the second peak of incidence of schizophrenia seen in middle age, and plant equivalents include genistein which can be found in soybeans. Anastrozole is an inhibitor of aromatase - the enzyme responsible for the production of the majority of these compounds. E1, 2 and 3 are the major forms of these hormones as E4 is only produced in pregnancy. These hormones stimulate a luteinising hormone surge before ovulation and causes thickening of the uterine lining in the menstrual cycle. For 10 points, name these primary female sex hormones produced by the ovaries.

ANSWER: **oestrogens** <LC>

5. In a play titled for one of these events, a character is told to ‘give it a rest’ as he describes how Van Gogh ate paint and shot himself. In that play titled for one of these events, characters admire the legs of an ex-Crystal Palace

footballer who now works in computing and who suffers a heart attack at the end. In another play titled for one of these events, a character is asked bizarre questions like ‘why did the chicken cross the road?’ and the lights go out during a game of blind man’s bluff. Beverly Moss invites Tony and Lawrence round in a play titled for ‘Abigail’s’ one of these events by Mike Leigh. For 10 points, Goldberg and McCann arrive at a boarding house to see Stanley Webber in a play titled for what kind of event by Harold Pinter?

ANSWER: **party** [accept *Abigail’s Party* or *The Birthday Party*] <IB>

6. In his review of the 1859 *Salon*, Charles Baudelaire compares nature to a ‘vast’ work in this literary genre. Another author wrote to Louise Colet that ‘one would be afraid to talk’ after reading his work in this genre, which is often published alongside his unfinished novel *Bouvard and Pécuchet* [boo-VAR and PE-koo-shay]. A work in this genre is addressed to ‘enlightened souls who prefer dry wines to sweet, sense to sentiment, [and] wit to humor’. Gustave Flaubert wrote a work in this genre titled for ‘Received Ideas’, and another one describes being ‘positive’ as being ‘Mistaken at the top of one’s voice’ and was originally titled *The Cynic’s Word Book*. For 10 points, name this type of a reference work, a ‘Devil’s’ one of which was written by Ambrose Bierce.

ANSWER: **dictionary** [or **dictionnaire**] <IB>

7. Holders of this position are categorised in four ways: reconstructors, articulators, preemptors and disjunctors, according to a theory by Stephen Skowronek. Richard Neustadt argued that the power these people have is the ‘power to persuade’. In one paper, Jeffrey Peake argued in favour of the traditional view that holders of this position have large amounts of agenda setting power. A 1982 survey by Murray and Blessing polled academics on the extent to which holders of this position were liberal or conservative. The APSA has done two recent polls ranking holders of this position, with the incumbent coming out lowest of all of them in the 2018 survey. For 10 points, name this position, sometimes informally known as ‘the most powerful man in the world’.

ANSWER: **President** of the **United States** <GDC>

8 A method named for Foster and Boys minimises the spatial extent of these entities by unitarily mixing a canonical set of these entities. Huckel theory assumes two types of these entities do not interfere with each other. “Frontier” examples of these explain the Woodward-Hoffmann rules. A star is used to denote antibonding examples of these entities which are represented by lowercase Greek letters. These entities can be found from symmetry adapted linear combinations of the simpler atomic type of these functions. For 10 points, name these functions that describe where electrons are likely to be found in molecules.

ANSWER: **molecular orbitals** [prompt on just orbitals] <JR>

9. A ruler of this name convinced Clement IV to grant them £60,000 of a tithe to settle their personal debts, while another was rebuked by Archbishop Peckham for exacting usury on debts confiscated from Jews. A third person sharing this name, nicknamed ‘golden foot’ when in Constantinople, was imprisoned, perhaps in Salisbury, for more than a decade, though did take part in ceremonies welcoming the exiled Henry the Lion. Though they likely never sucked poison from his wound, Edward I had twelve crosses set up in the memory of a person with this name, including Charing Cross. With one divorced from Louis VII, for 10 points give this name shared by three English queens, originally ‘of Provence’, ‘of Castile’, and ‘of Aquitaine’.

ANSWER: **Eleanor** <AP>

10. On one TV series, a character with this job is taunted by the Test Card Girl, and in another series it is revealed that that character dies after seven years of marriage to Annie. A character with this job played by Stephanie Beatriz comes out as bisexual in a storyline in one show, and another character with this job adopts a child called Nikolaj [NEE-ko-laj]; that character is Boyle. Classical musician Barrington Pheloung wrote the theme music for a show about a character with this job, reflecting that character’s love of opera; that Jaguar-driving character was originated in a set of novels by Colin Dexter. For 10 points, name this job shared by the protagonists of *Life on Mars*, *Brooklyn 99*, and *Inspector Morse*.

ANSWER: **police** detective (accept any other **police** roles, such as **police** sergeant or captain; accept **cop**) <DC>

11. Description acceptable.

Rural vigilantes among this group carried out raids known as ‘rat hunts’, and a paramilitary group mostly made up of these people blinded a four-year-old girl with shrapnel while failing to assassinate a Minister of Culture. This group triggered a nationalist uprising when they were granted land in eastern Corsica, and Jews were arguably incorporated into it by the Crémieux Decree. After a week of demonstrations in one capital, the OAS was founded to pursue the goals of this group. These people were the victims of massacres at Skikda and Oran, while most of them fled one country after the signing of the Évian Accords. For 10 points, name this group of mostly French Algerians whose name translates to ‘black foot’.

ANSWER: **Pied-Noir** [accept **French Algerians** before it’s read, prompt on **French citizens** or equivalents] <CJ>

12. In a Mozart concerto for this solo instrument, the soloist begins the third movement with three staccato crotchets on the dominant, followed by a series of quavers which begins with a descending tonic triad. Though it’s sometimes rearranged for violin, Gluck wrote a G major concerto for this instrument. Critics described Jean-Pierre Rampal as “the Alexander of [this instrument]” for his performances, and a D-major concerto for this instrument was written by Frederick the Great. Paired with a harp in a Mozart concerto, for 10 points, name this woodwind instrument, a magical version of which titles a Mozart opera.

ANSWER: **flute** <AH>

13. These substances have a quality factor for thermoelectric applications which is inversely proportional to the square of the deformation potential coefficient. Stormer and Dingle invented a way to reduce scattering in these substances by modulating the location of impurities. One of the best performing organic types of these substances is rubrene. The presence of certain impurities in these substances leads to the formation of hydrogenic systems with radii of hundreds of angstroms. The Haynes-Shockley experiment showed that diffusion of minority carriers in these substances could result in current. For 10 points, name these substances with properties intermediate between metals and insulators.

ANSWER: **semiconductors** <LW>

14. William Hazlitt called this artist ‘of all painters, the most poetical’ in an essay referencing a work by him that inspired similar versions by Francis Danby and Turner. The central figure’s pose is modeled on depictions of Greek river gods in a work by this artist whose title Biblical figure sits next to some ruins with an obelisk in the background. This artist of *Landscape with Saint John on Patmos* included a snake on a rock in his unusually sparsely-populated *Deluge*, part of his *Four Seasons*. In another work by this artist, a woman and three shepherds inspect a large stone block inscribed with the title phrase. For 10 points, name this French Baroque painter of *Et in Arcadia Ego*.

ANSWER: Nicolas **Poussin** <IB>

15. CB Radford argued that this work was weakened by the fact the author ‘allowed the personal’ to intrude on their analysis. This work claims that Teresa of Avila lived out the ‘situation of humanity’. This work critiques the concept of marriage by quoting ‘you are stuck there forever’ from the diary of Sophia Tolstoy. This work criticises DH Lawrence by claiming that he saw devotion from one group as ‘demanded as a duty’ in a section entitled ‘Facts and Myths’. This work claims that the title group and a group termed the ‘Subject’ exist in a ‘primordial Mitsein’, which renders that group the ‘other’. This work claims that ‘one is not born, but rather becomes, a woman’. For 10 points, name this work of feminist philosophy by Simone de Beauvoir.

ANSWER: *The **Second Sex*** <GDC>

16. One figure involved in the conversion of this modern-day country is presented as being so holy that it did not rain on them when they were reading. The traditional first king of this modern country supposedly trapped and killed

the nobles of its predecessor kingdoms at a banquet, an event known as that ruler's 'treason'. Another figure involved in the Christianisation of this country is said to have used the sign of the cross to scare off a 'water beast' in a hagiography by Adomnán. An antecedent to this modern country was based at Alt Clut and sacked by the Vikings in 870, while many of this country's later kings were buried at Iona. With its Christianisation involving Saints Ninian and Columba, for 10 points, name this country whose traditional first ruler was Kenneth MacAlpin.  
ANSWER: **Scotland** [accept **Pictland**, accept **Alba**] <AP>

17. In a work titled for five poems on this type of work, one writer asks 'how does one handle / Filth'? In a poem titled for this type of work, the narrator claims it is not 'valid to discriminate against 'business documents and school-books''. That poem named for this type of work begins with the narrator claiming that there are 'there are things that are important beyond all this fiddle'. In the *Republic*, Plato argues that these types of work are mere 'imitations' and their creators should be expelled. A poem by Marianne Moore named for this type of work begins 'I too dislike it'. For 10 points, name this literary form exemplified by villanelles and sonnets.  
ANSWER: **poetry** [accept **poems**] <GDC>

18. One of this author's letters claims that only a 'similarity of mind' caused the resemblance between their writings and that of another writer, whom they studiously avoid naming. In another letter, this author and their brother ignore a shepherd to complete a feat probably already achieved by Jean Buridan. Robert of Naples examined one of this writer's work to grant the position of Poet Laureate of Rome. This author's *Familiar Letters* include one recounting the 'Ascent of Mont Ventoux' and another to Agapito Colonna which is credited with coining the idea of the Dark Ages, while the last is addressed 'To Posterity'. The author of *Africa* and supposedly the 'father of Humanism', for 10 points, name this author best known for their *Canzoniere* addressed to Laura.  
ANSWER: Francis **Petrarch** <AP>

19. A reference to this figure in the Quran claims that they 'fulfilled their engagements'. This figure, who was the only person to be given the title of Hanif in the Quran, is sometimes referred to as a 'friend of God' or Khalil-Allah. This figure's father, Azar, forced them to sell idols at a marketplace when they were young. This subject of the 'stoning of the devil' ritual is often said to have rebuilt the Kaaba after the original was destroyed in the Great Flood. This figure is commemorated on Eid al-Adha, which celebrates an action involving his son Ishaq. For 10 points, name this religious figure who is prevented from sacrificing his son by Gibreel.  
ANSWER: **Ibrahim** [accept **Abraham**] <GDC>

20. There are no cyclic numbers when represented in bases which are one of these numbers. The generating function for these numbers is  $x$  into  $x$  plus one all over one minus  $x$  cubed. An identity named for Euler [OI-luh] states that if two numbers are the sum of four of these numbers, their product is also the sum of four of these numbers. Girard's theorem states that all primes of the form four  $m$  plus one are the sum of two of these numbers. The canonical representation of these numbers contains only even exponents and these numbers have an odd number of distinct factors. The difference between consecutive ones of these numbers are consecutive odd numbers. For 10 points, name these numbers, equal to an integer multiplied by itself.  
ANSWER: perfect **square** numbers/ perfect **squares** <LW>

### **Bonuses:**

1. The speaker of one of this author's poems remembers his father's 'cracked hands that ached / from labor' and hearing the cold 'splintering, breaking' as his father thanklessly drives it away. For 10 points each:

[10] Name this poet, who asked ‘what did I know / of love’s austere and lonely offices?’ at the end of that poem, ‘Those Winter Sundays’.

ANSWER: Robert **Hayden**

[10] The speaker describes the ‘hot fragrances of carnations’ and the ‘cool scent of lilies’ in a Robert Hayden poem titled for one of these locations. Two characters visit one of these locations and hear about ‘Apples and quinces, / Lemons and oranges, / Plump unpeck’d cherries, / Melons and raspberries’ in another poem.

ANSWER: a **market** [accept ‘The **Market**’ or ‘Goblin **Market**’]

[10] This Victorian poet wrote ‘Goblin Market’. Like Hayden, she also described the perilous cold of ‘snow on snow, snow on snow’ in her poem ‘In the Bleak Midwinter’.

ANSWER: **Christina Rossetti** [prompt on **Rossetti**] <IB>

2. A person with this occupation was Murat Reis the Younger, who governed the short-lived 16th-century Republic of Salé [sa-LAY]. For 10 points each:

[10] Name this occupation of people such as Henry Every. The otherwise unknown Charles Johnson wrote a *General History* of these people in 1724.

ANSWER: **piracy** [or **pirates**, **corsairs**, **freebooters**; accept **privateers**, **buccaneers**; prompt on **sailors**, **seafarers** or equivalent]

[10] One particularly notorious pirate was this commander of the ship *Queen Anne’s Revenge*, whose favourite party trick was tying lit fuses under his hat to frighten enemies. His given name was Edward Teach.

ANSWER: **Blackbeard**

[10] Another famous pirate was this companion of ‘Calico Jack’ Rackham. This English pirate shot other members of Rackham’s crew when they tried to flee from fighting and died of a fever in prison after being granted a stay of execution.

ANSWER: Mary **Read** [accept Mark **Read**] <AH>

3. The ho-at-zin hatches with two claws on each wing, and so has often been compared to *Archaeopteryx*; as such it is often described as one of these organisms. For 10 points each:

[10] Give this term which is commonly used to refer to extant organisms which are evolutionary relicts of previously more diverse lineages, and which have a close morphological resemblance to extinct forms.

ANSWER: **‘living fossils’** [do NOT accept ‘Lazarus taxa/taxon’]

[10] These species, widely considered as living fossils, have five eyes on the dorsal shell and a photoreceptor array on the telson, mate on beaches and respire using book gills. Their copper rich blue blood is the source of *Limulus* amoebocyte lysate, used to quantify bacterial lipopolysaccharide.

ANSWER: **horseshoe crabs** / **Limulidae** [ accept **Xiphosurida**, prompt on **crabs** alone]

[10] This group of plants is represented by only one extant genus. These plants are rich in silicates, have hollow stems and release spores from strobili, and they are now considered to be ferns. Ancestral forms of these plants were trees in Devonian swamp-forests.

ANSWER: **Horsetails** / **Equisetum**/ **Equistales**/ **Equistaceae** <LC>

4. This essay argues that the debate between two schools of thought has been a shared commitment to ‘rationalism’. For 10 points each:

[10] Name this essay, which argues that one principle of constructivism is that ‘the meaning in terms of which action is organised arises out of the interaction’ itself.

ANSWER: ***Anarchy Is What States Make of It***

[10] In *Anarchy Is What States Make of It*, Alexander Wendt examines the debate between liberalism and this other broad school of international relations. Kenneth Waltz is often said to be one of this school’s founders.

ANSWER: **neorealism**

[10] Kenneth Waltz has argued that the proliferation of these weapons actually led to peace because they are an effective means of deterrence. The CND oppose these weapons.

ANSWER: **nuclear** weapons <GDC>

5. This author's novels include *The Chrysalids*, which is set in a post-apocalyptic fundamentalist Christian society. For 10 points each:

[10] Name this author. In his most famous science-fiction work, most of the world's population has been blinded by mysterious green lights in the sky, and the venomous titular entities roam the earth and prey on humans.

ANSWER: John **Wyndham** Parkes Lucas Beynon Harris [accept John **Beynon** or John B. **Harris**]

[10] In *The Day of the Triffids*, the triffids are a large mobile variety of these things. The musical *Little Shop of Horrors* portrays one of these things named Audrey II which develops a taste for humans.

ANSWER: **plants** [accept obvious equivalents]

[10] In this other novel by Wyndham, all the women in the titular English village give birth to identical babies with golden eyes and silver skin, who later develop mind-control powers. This novel was twice filmed as *Village of the Damned*.

ANSWER: *The **Midwich Cuckoos*** <AH>

6. An artwork in this medium discovered on Mount Gilboa features a non-naturalistic depiction of the Binding of Isaac and oddly has a geometric border for three sides and twined vines for the other. For 10 points each:

[10] Name this medium, which was also used for the sixth-century Madaba Map, the oldest surviving map of Jerusalem and its environs.

ANSWER: floor **mosaic**

[10] The Mount Gilboa mosaic was for one of these buildings, shattering the prevailing assumption that the people who built them did not use figural art. The third panel of the Gilboa mosaic features the earliest depictions of menorahs in these buildings.

ANSWER: **synagogue**

[10] The synagogue at Gilboa, as well as those at Hamat Tiberius and Sepphoris, have a mosaic panel featuring this sequence, presented in a circle around a central figure who is either Helios or God. Distinctively, Jewish versions of this sequence are arranged in the reverse of Greco-Roman versions.

ANSWER: **zodiac** wheel <AP>

7. In this film, one character gets annoyed with their girlfriend for biting them because they 'make [their] living with [their] lips'. For 10 points each:

[10] Name this film, which resulted in accusations from the Anti-Defamation League that the director had been anti-Semitic by portraying two club owners as 'Shylocks'. In one scene in this film, the main character buys two women the same dress, which they both wear to a club on the same night.

ANSWER: ***Mo' Better Blues***

[10] *Mo' Better Blues* is a film by this director of *BlackKkklansman* and *Do The Right Thing*.

ANSWER: Spike **Lee**

[10] Spike Lee's directorial debut was this 1986 film, which centres on Nola Darling cycling between three men and claiming that monogamy is a form of slavery. This film was remade as a Netflix drama series in 2017.

ANSWER: ***She's Gotta Have It*** <GDC>

8. In one version of this type of reaction, two alkyl radicals react to form an alkane and an alkene. For 10 points each:

[10] Name this type of reaction. The likelihood of a compound favouring this reaction can be predicted by whether it is higher on the plot of a Frost diagram than the line connecting its neighbours. This term refers to reactions in which the same species is both oxidised and reduced.

ANSWER: **disproportionation** / **dismutation** reaction [prompt on **redox** reaction]

[10] Name this disproportionation reaction in which aldehydes without alpha hydrogens react in the presence of a concentrated base to form carboxylic acids and alcohols.

ANSWER: **Cannizzaro** reaction

[10] The crossed Cannizzaro reaction, which gives a higher yield, uses this compound as its reducing agent. This compound is the simplest aldehyde, and is used as a fixative in the preservation of biological tissue.

ANSWER: **formaldehyde** / **methanal** <AP>

9. Arthur Schopenhauer argued that these works are ‘the production of the highest human wisdom’ and claimed that a Latin translation of some of these works ‘has been the solace of my life, it will be the solace of my death’. For 10 points each:

[10] Name these works, one of which originated the phrase ‘Tat Tvam Asi’, which translates as ‘thou art that’ and is a recurrent theme in *The World As Will and Representation*.

ANSWER: the **Upanishads** [prompt on **vedas**]

[10] The *Upanishads* are a key part of the philosophical tradition of this modern-day country, where the majority of the world’s Hindus live.

ANSWER: **India**

[10] This concept is first developed in the *Rig Veda* which Yaska claimed meant ‘the ultimate sentient principle’. The *Brihadaranyaka Upanishad* associates this concept with Brahman, as well as the intellect and the mind.

ANSWER: **atman** <GDC>

10. Eugene Delacroix was inspired to change the background of his painting *Massacre at Chios* [KEY-oss] after seeing the flickering light and broken colour in some of this artist’s paintings exhibited at the Paris Salon. For 10 points each:

[10] Name this artist. Peter Kennard responded to a Ministry of Defence leaflet in a photomontage which inserts nuclear warheads into this artist’s most famous painting, which shows smoke rising out of Willy Lott’s cottage.

ANSWER: John **Constable**

[10] A 2002 exhibition of Constable’s works at Paris’s *Grand Palais* [gron pal-AY] was named for ‘The Choice of this later artist, who also produced an etching of a study of an elm tree by Constable. He painted three nudes and an overturned chair in a work based on another artist’s *Afternoon in Naples*.

ANSWER: Lucian **Freud**

[10] As well as trees, Constable is known for his obsessive studies of these things. Constable learnt from the developing science of meteorology to accurately depict the light coming through these things at different times of day, which he reproduced in oil and watercolour studies he called ‘skyings’.

ANSWER: **clouds** <IB>

11. José María Arguedas used a brand of Quechua-infused Spanish to write *Yawar Fiesta*, a novel about this activity. For 10 points each:

[10] Name this activity. The speaker repeats ‘I will not see it!’ in the ‘Spilled Blood’ section of a poem about someone who performs this activity, whose elegance the narrator sings ‘with words that groan’ as he remembers ‘a sad breeze through the olive trees.’

ANSWER: **bullfighting** [accept **turupukklay** or **tauromaquia**; the poem is by Lorca]

[10] Arguedas, known for his portrayals of indigenous Andean culture, was raised speaking Quechua in this South American country. The author of *Aunt Julia and the Scriptwriter*, Mario Vargas Llosa, is from this country.

ANSWER: **Peru**

[10] In *Aunt Julia and the Scriptwriter*, one of Pedro Camacho’s radio scripts is about Joaquín, who dreams of growing up to be involved in this activity. Uruguayan author Eduardo Galeano is known for his books on this activity important to South American culture, such as one titled for this activity ‘in Sun and Shadow’.

ANSWER: **football** [accept **fútbol** or football **refereeing**] <IB>

12. These constructs are used to organise data and are queried using SQL [“sequel”]. For 10 points each:

[10] Atomicity and consistency are two of the ACID properties that can guarantee the reliability of transactions in these systems. These systems, which include the relational type are often displayed in rows and columns.

ANSWER: **databases**

[10] This operation combines two databases R and S into a new one with R,S entry pairs that match on common attributes and additionally all other R,S pairs where null values are assigned to attributes that are not held in common.

ANSWER: Full **outer join** (prompt on **join** alone, but accept **full join** which is valid SQL)

[10] In relational databases, each row has a unique one of these objects to make it possible to distinguish them from other rows in the table. One type of these objects sometimes called “foreign” are used to link tables in a database.

ANSWER: **keys** <GDC>

13. Elizabeth of Luxembourg stole the most important symbol of this country’s monarchy when she fled into Austria after using it to proclaim her son Ladislaus the Posthumous king. For 10 points each:

[10] Name this modern-day country in which that piece of royal regalia was given by Pope Sylvester II to the first ruler of the Árpád dynasty.

ANSWER: **Hungary**

[10] The medieval Hungarian kingdom was effectively ended by its defeat in this 1526 battle. In its aftermath, Hungary lost its territories in Bohemia and Croatia and Ferdinand I claimed the country for the Habsburgs.

ANSWER: Battle of **Mohács** [MO-hatch]

[10] This *voivode* of Transylvania was en route to Mohács, but did not participate in the battle for unknown reasons. He disputed the Habsburg claim to the Hungarian throne and had himself crowned as John I.

ANSWER: John **Zápolya** <CJ>

14. One ruler of this dynasty fought the Xiongnu [SHONG-nu] in Central Asia and set up imperial monopolies on salt and iron. For 10 points each:

[10] Name this Chinese dynasty ruled by Wudi that was founded by Liu Bang after the Qin fractured into the Eighteen Kingdoms.

ANSWER: **Han** dynasty

[10] The reign of this man marked the transition from the Western to Eastern Han dynasty. This Confucian official seized power from the child Emperor Ping and attempted to implement a radical land redistribution program during his brief Xin [‘shin’] dynasty.

ANSWER: **Wang Mang**

[10] Wang Mang faced a major rebellion in which the rebels painted their eyebrows this colour. That rebellion was for a time led by Mother Lü and feuded with the Lülin but surrendered to the restored Han dynasty, while another revolt of this colour, named for a kind of headgear, later plotted against the Yuan dynasty.

ANSWER: **red** <CJ>

15. This method of analysis is primarily aimed at relating a larger work to a condensed form called the Ursatz [ERR-zatz]. For 10 points each:

[10] Name this analytical method which describes music as having increasingly elaborate back-, middle- and foregrounds.

ANSWER: **Schenkerian** analysis

[10] The Ursatz consists of the fundamental line and this accompaniment. This accompaniment consists of scale steps that are labelled with Roman numerals and properly should consist of the scale steps I-V-I [‘one-five-one’] although elaboration is possible.

ANSWER **bass arpeggiation** [allow just **arpeggiation**]

[10] Schenkerian analysis applies to music in a space named for this concept. More generally, this concept describes the different pitches in a work.

ANSWER: **tonality** [accept word forms like **tone**] <JR>

16. Law relating to this concept typically offers temporary protection to balance financial reward for innovation against the idea that knowledge ought to benefit the common good. For 10 points each:

[10] Name this legal concept which concerns intangible objects protected through trademarks, patents, and copyright.

ANSWER: **intellectual property**

[10] This phrase is used to describe a hypothetical person in the testing of trademark infringements, and was coined in the case *Morning Star Cooperative v [‘and’] Express Newspapers*.

ANSWER: **‘moron in a hurry’**

[10] UK intellectual property law derives ultimately from the Statute of Anne, which instituted public guarantee of copyright, and this act, passed in 1624, which sought to limit the Crown’s ability to issue patents.

ANSWER: 1624 **Statute of Monopolies** <AP>

17. This text called for the confiscation of property from the *científicos* [SEE-en-TEE-fee-cos] for redistribution and nominated Pascual Orozco as Chief of the Revolution, though it was amended when Orozco allied with Victoriano Huerta [WHERE-ta]. For 10 points each:

[10] Name this document issued by Emiliano Zapata in a town in Morelos that denounced Francisco Madero’s perceived betrayal of the earlier Plan of San Luis Potosí.

ANSWER: **Plan of Ayala**

[10] When Zapata issued the Plan of Ayala, Madero held this position, in which he replaced Porfirio Díaz thanks to the terms of the Treaty of Ciudad Juárez.

ANSWER: **President of Mexico**

[10] After fighting with Zapata’s forces in the wake of Madero’s assassination, Lázaro Cárdenas [LAH-za-ro CAR-de-nas] became President of Mexico, during which time he took this action. It resulted in thousands of women gathering in front of the Palace of Fine Arts to donate personal items after the US, UK, and Netherlands declared a boycott of Mexican goods.

ANSWER: **nationalizing Mexican oil** [accept equivalents] <CJ>

18. In 2004, this writer published a three-year correspondence with a near-namesake of hers in the UK named Charlotte. For 10 points each:

[10] Name this author who wrote about Rita and Manfred in *Divided Heaven* and published a book whose title character shares her first name, *The Quest for Christa T*.

ANSWER: Christa **Wolf**

[10] Wolf was one of the best-known writers of this country, where she was a member of the Socialist Unity Party for forty years. Her novel *What Remains* describes life under surveillance by the Stasi in this country.

ANSWER: **East Germany** [prompt on Germany]

[10] This novel by Wolf, set during the fall of Troy, is largely a metaphor for life in East Germany. In this work, the title princess struggles with her love for Aeneas and, in a twist on the myth, is not cursed by Apollo but instead forbidden by her father to warn the Trojans that Helen is not in the city.

ANSWER: **Kassandra** <CJ>

19. These objects are believed to result from accretion by supermassive black holes. For 10 points each:

[10] Name the objects, which have higher than normal luminosity with characteristics indicating that they are not formed of stars.

ANSWER: **active galactic nucleus** or **active galactic nuclei** or **AGN**

[10] These objects are particularly luminous active galactic nuclei. The furthest objects ever discovered are of this type. These objects are named for the fact that the first ones observed were powerful radio wave sources.

ANSWER: **quasars** [accept **quasi-stellar object** or **QSO**]

[10] When the jet of an active galactic nucleus is pointed towards earth, these objects result. These objects are a source of high-energy gamma rays.

ANSWER: **blazars** <LW>

20. In July 2016, a study by Harvard Business School found that people using this company's services experienced widespread discrimination if their names suggested they were black. For 10 points each:

[10] Name this San-Francisco-based company which operates an online marketplace via their website and mobile app. 'Hosts' can use this company to offer their accommodation or tourism experiences to 'guests'.

ANSWER: **Airbnb**

[10] In 2018, Airbnb announced it was removing 200 listings in regions of this contested territory. The Lieberman Plan suggests the annexation of many settlements close to the border in this territory.

ANSWER: **West Bank** [prompt on Palestine]

[10] This city is often cited as particularly negatively affected by Airbnb, with many locals being priced out of their apartments, and this city levied an 800,000-euro fine on Airbnb for listing unlicensed apartments in 2017. This city contains the most densely populated square kilometre of any city in the European Union.

ANSWER: **Barcelona** <DC>