

OOT 2020: [The Search for a Middle Clue]

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THE ANSWER TO THE LAST TOSS-UP SHOULD HAVE BEEN: parabola

Packet 6

Toss-ups:

1. This disease was described as the ‘first epidemic of climate change’ in the title of a book by Mary Beth Pfeiffer. A recombinant vaccine for this disease based on Osp.A was released in the US, but was withdrawn due to poor sales in 2002. One symptom in the early stage of infection with this disease is Bannwarth Syndrome, while symptoms of late stage infection include acrodermatitis chronica atrophicans. In Europe, this disease is spread mostly by the nymphal stage of *Ixodes scapularis*, and it is caused by the spirochete [SPY-ro-keet] bacterium *Borrelia*. Named after a cluster of cases identified in a Connecticut town, for 10 points, identify this disease, whose initial infections may be caused by tick bites and result in a ‘bull’s-eye’ rash.

ANSWER: **Lyme** Disease [accept **Lyme** borreliosis; prompt on *Borrelia* before mention] <LC>

2. A draft of this poem was posted in 1915 to Edward Thomas, who misunderstood it and required two further letters from its author to clarify it. The author of this poem stated that Thomas failed to notice the mocking nature of the ‘sigh’ in this poem’s final stanza, which is imagined ‘somewhere ages and ages hence’. This poem’s speaker admits that all their options ‘are really about the same’ and contain ‘leaves no step had trodden black’, after ‘look[ing] down one [...] to where it bent in the undergrowth’. The speaker claims ironically that their choice ‘has made all the difference’ after being confronted with ‘two roads diverg[ing] in a yellow wood’. For 10 points, name this poem by Robert Frost.

ANSWER: **The Road Not Taken** <AH>

3. In one film this actress plays Violet, a college student who runs an ineffectual suicide prevention centre and aims to change the world with the ‘sambola’ dance craze. In another film, this actress plays a photographer who is asked by her landlady to stop teaching Jamie about feminism. This actress is expected to co-write and co-direct the forthcoming live-action *Barbie* film with their partner Noah Baumbach, who directed this ‘mumblecore’ star in *Frances Ha*. Their directorial debut saw the protagonist throw herself out of a moving car after an argument with her mother. That character, played by Saoirse [SER-sha] Ronan, changes her name from Christine to that film’s title. For 10 points, name this actress and director of *Lady Bird* and *Little Women*.

ANSWER: Greta **Gerwig** <NC>

4. Following a soothsayer’s prophecy, this ruler’s grandfather ordered them placed under the care of their foster mother Ruqaiya. This ruler succeeded Darwar on the throne after their stepmother’s attempt to install Shahzada Shehryar was foiled by their minister and father-in-law Asaf Khan. This ruler’s daughter sent their favorite son’s head to them in a box, and this ruler was placed under house arrest by their eventual successor following the Battle of Samugarh. After this ruler moved their capital to Delhi, the architect Ustad Ahmad Lahori designed the Red Fort for them, along with a structure built for the reburial of Mumtaz. The son of Jahangir and father of Aurangzeb, for 10 points, name this Mughal emperor who built the Taj Mahal.

ANSWER: Shah Jahan [accept Khurram] <CJ>

5. A mission to visit this body has so far observed approximately one thousand 'rogue' magnetic waves as well as a zone free of cosmic dust in the vicinity of this body. The Ulysses mission studied this body over a wide range of latitudes. A spacecraft built to visit this body holds the record for the fastest-moving man-made object ever built, and will require seven gravity assists from Venus to reach its final orbit over the poles of this body. That spacecraft is named for Eugene Parker. The Voyager probes are currently measuring how far the influence of this body extends. For 10 points, name this body visited by the Helios missions, the nearest star to Earth.

ANSWER: the Sun <LW>

6. The protagonist of this play shows off a new table-cover and lampshade to their brother and offers the secretary of the local temperance society a glass of beer. A sailor in this play is criticised for his lack of interest in local politics, while a journalist seeks to prick 'the bubble of official infallibility'. In a newspaper office, the protagonist mockingly wears their brother's hat, and later asks 'Who forms the majority? The wise or the foolish?' during a rowdy public meeting. In this play, Hovstad refuses to print an article in *The People's Messenger* after pressure from the protagonist's brother Peter, the town mayor. For 10 points, name this Henrik Ibsen play about Thomas Stockmann's attempt to raise awareness of contamination of the Municipal Baths.

ANSWER: An Enemy of the People [or *En folkefiende*] <AP>

7. Colette Crutcher collaborated on the design of one of these structures that is inscribed with the names of 220 sponsors of the project. One of these structures includes 300 hand-painted depictions of a pregnant black woman: that example of these structures is an 'ever evolving' artwork that features over 2,000 tiles from around the world, conceived by Jorge Selarón. A marbled one of these structures was designed by Francesco de Sanctis and is located next to the house where Keats was living when he died. One of these structures named for Bramante can be found in the Vatican Museum, while another example in the same city are called the 'Spanish'. For 10 points, name these structures, types of which include 'winder' and 'spiral'.

ANSWER: staircases [or stairs, or steps] <GDC>

8. The 'War in the Woods' at this island's Clayoquot protests were the largest act of civil disobedience in one country's history and were fought over logging of this island's temperate rainforests, where the Douglas Fir was first discovered. This island is separated from Quadra Island by a strait named for the ship commanded by this island's namesake. The highest mountain on this island was named by a later fur trader for Francis Drake's ship, the *Golden Hinde*, from which Drake had probably sighted this island in 1579. The construction of the Pacific Railway allowed a mainland city with the same name as this island to overshadow this island's largest city, Victoria. For 10 points, name this Canadian island, part of British Columbia.

ANSWER: Vancouver Island <OSC>

9. An essay about this thinker argues that they lacked a theory of effective demand that would 'deal with the problem of the inducement to invest'. Ian Steedman wrote a work entitled '[this thinker] after Sraffa'. Joan Robinson wrote in an essay about this thinker's economics that there is 'a conflict between mysticism and common sense' in reference to Volume I and Volume III of one of this thinker's works. That conflict arises because this thinker is inconsistent on whether prices are proportional to labour values. A work by this

thinker distinguishes between ‘use-value’ and ‘exchange-value’ of commodities and sets out the ‘labour theory of value’. For 10 points, name this German thinker, the author of *Das Kapital*.

ANSWER: Karl **Marx** <GDC>

10. According to Matthew Paris, the ghost of a bishop of this city berated Pope Innocent IV to such an extent that he died. It’s not Lichfield, but this city’s cathedral was rebuilt with three spires after England’s most destructive earthquake. One bishop of this city is considered the first Chancellor of the University of Oxford, Robert Grosseteste. ‘Crazy vaults’ can be found in the namesake choir of a saint associated with this city, while another saint of the same name is the subject of an anti-Semitic hagiography about their ritual murder; those are the ‘Great’ and ‘Little’ Saint Hughs. With a namesake green associated with Robin Hood, this city was the centre of the largest English diocese. For 10 points, name this city, whose cathedral replaced the Great Pyramid as the world’s tallest building.

ANSWER: **Lincoln** <AP>

11. In the first part of this composer’s only song cycle, each verse is followed by a progressively higher bassoon solo, while the fourth part, ‘Absence’, was orchestrated for their second wife, Marie Recio. This composer set six Théophile Gautier poems in *Les nuits d’été* [leh nwee DEH-tay], and won the Prix de Rome on their fourth attempt. Paganini rejected a work by this composer whose theme begins with the notes D, B, C, E in the solo viola for not being virtuosic enough. As well as that Byron-inspired work, this composer depicted two shepherds with a cor anglais and an offstage oboe. That work by this composer develops the *idée fixe* to its climax in a ‘Witches’ Sabbath’. For 10 points, name this composer of *Harold in Italy* and the *Symphonie Fantastique*.

ANSWER: Hector **Berlioz** <AP>

12. This character loses a fingertip while attempting to impress the champion swimmer Masha Miovic. This character loses control of his bicycle and crashes into a language protest march. Later, this character becomes lost in the jungle along with three recruits in a military dog-tracking unit. This person is persecuted by the state due to their leadership of a group known as ‘M.C.C.’. The nurse Mary Pereira exchanges this character at birth with their nemesis, Shiva-of-the-Knees. This brother of the Brass Monkey begins narrating a novel by saying that he was ‘born in the city of Bombay...once upon a time’. For 10 points, name this creation of Salman Rushdie, the protagonist of *Midnight’s Children*.

ANSWER: **Saleem Sinai** [accept either underlined part] <AH>

13. A group called the Sons of Freedom who engaged in a nudist arson campaign throughout Canada was made up of people originally from this country. Many people born in this country settled in the neighborhood of Brighton Beach, Brooklyn, in the 1920s. One immigrant from this country to the United States founded the electronics company Ampex, while another invented the first practical helicopter. Another immigrant from this country, who taught at the Hoover Institution at Stanford, had previously been the second Minister-Chairman of its Provisional Government, but was overthrown later in 1917. For 10 points, name this country, from which many ‘White émigrés’ came to the United States after the Bolshevik Revolution.

ANSWER: **Russia** [accept **USSR**] <JS/GDC>

14. A 2017 *Nature* article by Onoda *et al.* suggested that this property could be determined for individual surface atoms using atomic force microscopy. This property cannot be well-estimated for a single molecule from Hartree-Fock theory, given that highest occupied and lowest unoccupied molecular orbital energies are

not both well-predicted by Koopmans' theorem. This property can be calculated in part by dividing effective nuclear charge by the square of the covalent radius according to the Allred-Rochow scale. Another scale of this property is only defined for elements with known electron affinity and is named for Mulliken. For 10 points, fluorine has the highest value for which property, an atom's ability to attract a pair of bonding electrons towards itself?

ANSWER: **electronegativity** [or **electron-withdrawing ability** or **EWG**; accept specific scales such as Pauling **electronegativity**; prompt on chi [kai]] <AH>

15. AC Graham argued that leaders subscribing to this school of thought 'have no functions which could not be performed by an elementary computer', leading to the 'entrapped sovereign' paradox. A thinker from this school wrote that 'the people follow after benefit as water flows downward'. Another thinker from this school argued that texts written in 'bamboo strips' should be eliminated and that the only reason 'a minister does not murder his ruler' is due to insufficient preparations. That was one of the reasons this school argued for punitive laws known as *fa*. This school was advocated for by Shang Yang and Han Fei. For 10 points, name this Chinese school of philosophy that emphasises the importance of order through the use of harsh laws.

ANSWER: **Legalism** <GDC>

16. Livy condemned one ruler of this name for being wittier than a king should be, although Polybius says that Titus Flaminus was amused by his humour. Another ruler with this name is possibly buried in the Great Tumulus at Vergina and was injured while besieging Methone [Meth-OWN-ee], leaving him blind in his right eye. The last king of this name saw his phalanges defeated by the Romans at the Battle of Cynoscephalae. One ruler of this name with the epithet 'Arrhidaius' succeeded his half-brother in Babylon in 323 BCE and shared this name with his father, the husband of Olympias, who challenged his son to ride the horse Bucephalus. For 10 points, give this name of five kings of Macedon, including the father of Alexander the Great.

ANSWER: **Philip** [accept **Philippos**] <OSC>

17. Around the time one artist was producing works titled for this phrase, they wrote that '[colour] has to be divided'; recent microscopic analysis has shown how the artist kept adjacent colour fields apart in those two works titled for this phrase. For the first work titled for this phrase, the artist restricted their palette even further by not using black. The chronologically second of two works partially titled for this phrase is the final example of its artist's 'lozenge' paintings, created by rotating a canvas 45 degrees. For 10 points, name this genre of music that titles two works comprised of straight lines and coloured blocks, an unfinished one titled *Victory* [this genre], and another titled *Broadway* [this genre], painted by Piet Mondrian.

ANSWER: **Boogie Woogie** [accept Broadway **Boogie Woogie** or Victory **Boogie Woogie**] <OSC>

18. The inverse form of this effect has been observed in magnetic nonlinear transmission lines. Optical molasses is a cooling technique that uses this phenomenon. An exoplanet detection mechanism based on this effect underestimates exoplanet masses if their orbits are inclined to the line of sight. The differential form of this phenomenon occurs when light is emitted from a rotating source. The transverse form of this phenomenon occurs because of time dilation. Classically, this effect occurs because a relative velocity between the source and the observer causes wavefronts to bunch up or spread out. For 10 points, name this effect responsible for redshift and the change in pitch of a siren as it goes past.

ANSWER: the **Doppler** effect [accept **Doppler** shift] <LW>

19. A speech by a character in a play created by this author ends with the phrase ‘I hate that image...and it’s false!’. A poem by this author repeats a refrain that translates as ‘in this inert town’ and was only published in full due to an intervention by André Breton. In a play by this author, a character is reprimanded for greeting a man with the word ‘Uhuru’. This author asked a friend toward the end of their life ‘Who am I? Who are we? What are we in this white world?’, questions that form the basis of the literary movement they helped to found. This author wrote a dramatisation of the life of Patrice Lumumba, as well as a French-language adaptation of *The Tempest*. For 10 points, name this author from Martinique, a co-founder of *négritude*.

ANSWER: Aimé **Césaire** <GDC>

20. According to this people’s belief system, God created the universe out of a white pearl. The extant versions of these people’s two sacred texts, the *Black Book* and the *Book of Revelation*, are most likely twentieth-century forgeries. Members of this group make a pilgrimage to the temple at Lalish, the burial place of Sheikh Adi, and many of them refuse to eat lettuce. This community has historically been persecuted as ‘devil worshippers’ for venerating the leader of the ‘Seven Mysteries’ who, like the Islamic Iblis, refused to bow to Adam. This people’s religion follows the ‘Peacock Angel’ Tawuse Melek and is known as Sharfadin in Kurdish. For 10 points, name this ethno-religious group whose members have been subject to a genocidal campaign by ISIS.

ANSWER: **Yazidis** [prompt on Kurds] <CJ>

Bonuses:

1. This practice was introduced into the Holiness movement by George Went Hensley, who also suggested that his followers drink poison to prove their salvation and died after an incident during a service. For 10 points each:

[10] Name this practice today observed by about 100 churches, mostly in Appalachia, that has prompted government sting operations to seize illegal wildlife.

ANSWER: **snake handling** [accept anything that mentions people handling or holding snakes during worship]

[10] Members of snake-handling churches partly derive their belief in the practice from this book of the Bible, the first after the gospels, in which Paul is unharmed after being bitten by a snake on Malta.

ANSWER: **Acts** of the Apostles

[10] Snake handling is also found in Pentecostalism, a subset of this broader evangelical movement that emphasizes modern-day miracles and spiritual gifts among adherents.

ANSWER: **Charismatic** <CJ>

2. This series of four paintings was purchased by Lord Faringdon for Buscot Park in Oxfordshire, and their artist later added ten panels to complement their new location. For 10 points each:

[10] Name this series of paintings. A knight stands on the extreme left of the first, while a king sleeps on his throne in the second, and all four panels feature an inscription from a William Morris poem.

ANSWER: *The Legend of **Briar Rose***

[10] *The Legend of Briar Rose* was painted by this artist of the watercolour *Love Among the Ruins*, which was almost destroyed during cleaning in 1893, as well as *The Beguiling of Merlin*.

ANSWER: Edward **Burne-Jones**

[10] On the left of Burne-Jones's depiction of this scene, three angels hold the instruments of the Passion. Giotto's depiction of this scene has Jesus and Mary look directly into each other's eyes, and is one of the earliest to present it in a stable rather than a cave.

ANSWER: the **Nativity** [accept reasonable descriptions] <AP>

3. In one scene, this character drunkenly repeats 'I said I'd come and I've come, haven't I?' several times. For 10 points each:

[10] Name this character, a highly skilled player of the *samisen*, who consistently refuses to answer the protagonist's questions about Yoko.

ANSWER: **Komako**

[10] Komako's *samisen* playing impresses the urban protagonist of *Snow Country*, a work by this Japanese author.

ANSWER: Yasunari **Kawabata**

[10] Another Japanese custom depicted in Kawabata's works is the tea ceremony, which decays and is misused by Chikako in this novel. Fumiko smashes Mrs Ota's 16th-century tea bowl in this novel.

ANSWER: **Thousand Cranes** [or **Senbazuru**] <AH>

4. An octet of these particles can be thought of as the adjoint representation of flavour SU(3) [S.U.three]. For 10 points each:

[10] Name this type of particle, examples of which include pions [PIE-ons] and kaons [KAY-ons]. They are named for being medium sized, as opposed to the heavier baryons.

ANSWER: **mesons**

[10] Mesons are composed of one of these fundamental particles and an antiparticle of this type. These particles come in six flavours, with protons and neutrons made up of their 'up' and 'down' varieties.

ANSWER: **quark**

[10] This scalar meson represents the flavour singlet that results from the product of the three and three bar representations of SU(3). If flavour SU(3) weren't broken, it would consist of equal parts up-anti-up, down-anti-down and strange-anti-strange.

ANSWER: **eta prime** [do NOT accept or prompt on 'eta']<LW>

5. It has been speculated that John Damascene worked as an official for this dynasty, and his father Sergius was apparently head of this government's treasury for nearly 50 years. For 10 points each:

[10] Name this dynasty, founded by Mu'awiya I. This dynasty was challenged during the Second Fitna, which ended with the death of Ibn al-Zubayr at the Siege of Mecca.

ANSWER: **Umayyad**

[10] Perhaps alongside his son, Sergius was dismissed in the Arabicising reforms of this caliph. This caliph appointed Hassan ibn al-Nu'man to conquer Roman Africa, resulting in the 698 destruction of Carthage.

ANSWER: **Abd al-Malik** ibn Marwan ibn al-Hakam

[10] After his supposed administrative career, John Damascene entered the Mar Saba monastery near this city, where Abd al-Malik built the Dome of the Rock.

ANSWER: **Jerusalem** <AP>

6. According to Haugen's model, the standardisation of languages involves a stage of codification that can involve the compiling of rules about this area of language. For 10 points each:

[10] Name this aspect of language, generally understood to encompass morphology and syntax. Noam Chomsky proposed a theory of a universal form of this thing to explain language acquisition.

ANSWER: **grammar**

[10] This pair of linguists added an explicit stage of 'prescription' alongside Haugen's codification and also emphasised that a fully standardised language is not possible. In Belfast, they investigated the effect of the networks of connections between members of speech communities on speakers' linguistic behaviour.

ANSWER: James **Milroy and** Lesley **Milroy** [accept anything indicating multiple **Milroys**]

[10] This language has two written standard varieties. The name of one of the forms means 'book tongue' and is based on the written variety of a neighbouring country, while the name of the other – significantly less widely used – written standard means 'new [this language]'.

ANSWER: **Norwegian** <ELM>

7. One setting of this text begins with a soprano soloist singing nineteen Cs in a measureless bar. For 10 points each:

[10] Name this text from the end of the Office of the Dead. It's not the Sequence, but the aforementioned setting of this text features fortissimo G minor chords in the whole orchestra to introduce its 'Dies irae' section.

ANSWER: **Libera me** [prompt on **requiem**]

[10] That 'Libera me' concludes this composer's grand *Requiem* for Alessandro Manzoni. Together with the operas *Otello* and *Falstaff*, it was one of the last full-scale works of this composer of *Aida*.

ANSWER: Giuseppe **Verdi**

[10] Verdi had originally written the 'Libera me' for an unrealised collaborative requiem for this composer of *Tancredi*. This composer referred to their late non-operatic works as their 'sins of old age', which included their *Petite messe solennelle*.

ANSWER: Giacomo **Rossini** <AP>

8. Together with W.H. Auden, this novelist founded a queer literary commune known as February House, where at one point they lived with Benjamin Britten, Klaus Mann, and Gypsy Rose Lee. For 10 points each:

[10] Name this writer whose debut novel interweaves four narratives around the deaf-mute protagonist, and who also wrote *Reflections in a Golden Eye*.

ANSWER: Carson **McCullers** [or Lulu Carson **Smith**]

[10] This close friend of McCullers wrote the introduction for *Reflections in a Golden Eye*, defending its portrayal of homosexuality. They are better-known for their plays *The Glass Menagerie* and *Cat on a Hot Tin Roof*.

ANSWER: Tennessee **Williams**

[10] In this McCullers novel, composed while at February House, Frankie renames herself 'F. Jasmine' and yearns to join 'the we of me' in Alaska. McCullers later adapted this book into a successful Broadway play.

ANSWER: *The **Member of the Wedding*** <NC>

9. Boleskine House, where this person lived at the turn of the twentieth century, was bought by Jimmy Page in 1970. For 10 points each:

[10] Name this British occultist, whose writings supposedly inspired the design of the album cover of *Led Zeppelin IV*, as well as the inscription of the words 'Do What Thou Wilt' on *Led Zeppelin III*'s cover art.

ANSWER: Aleister **Crowley**

[10] Crowley names a song on the debut solo album of this British artist, which features a well-regarded guitar solo by Randy Rhoads.

ANSWER: Ozzy **Osbourne**

[10] This artist referenced Crowley on their 1971 track 'Quicksand' that featured on their album *Hunky Dory*, which also includes songs like 'Changes' and 'Life on Mars?'.

ANSWER: David **Bowie** [or David **Jones**] <GDC>

10. Trimethylglycine was the first of these compounds to be discovered. For 10 points each:

[10] Give the term for these neutral compounds, which contain a positively-charged functional group bearing no hydrogen atom, along with a negatively-charged functional group.

ANSWER: **betaines** [prompt on zwitterions]

[10] This other subset of zwitterions contains positive and negative charges on adjacent atoms, both of which have a full octet of electrons. Phosphonium salts can be used to prepare these compounds in the Wittig reaction.

ANSWER: **ylides**

[10] The Wittig reaction is classed as an olefination reaction, since its product contains this bond. The presence of this specific covalent bond characterises alkenes.

ANSWER: **carbon-carbon double** bond [or **double** bond between **carbon** and **carbon**; prompt on carbon-carbon bond; prompt on double bond with 'between which two atoms?'] <AH>

11. Larry Meath's death at the hands of a police truncheon results in a character in this novel marrying the bookmaker Sam Grundy. For 10 points each:

[10] Name this novel, which fictionalises a real NUWM march during the Great Depression. Mrs Nettle, Mrs Bull and Mrs Jike provide regular comic relief to the gritty realism of this novel.

ANSWER: *Love on the Dole*

[10] *Love on the Dole* is set in the Hanky Park area of Salford and is famous for its use of a dialect that Salford shares with this large North Western English city.

ANSWER: Manchester

[10] Joe Shuttleworth, the protagonist of Walter Greenwood's second novel, *His Worship the Mayor*, has this profession. Walter Morel in *Sons and Lovers* and Huw Morgan in *How Green Was My Valley* are also members of this profession.

ANSWER: coal miner <GDC>

12. For much of the Middle Ages this industry was dominated by women, with perhaps as many as a third of all women in rural England engaging in it for profit. For 10 points each:

[10] Name this industry. The *Reinheitsgebot* regulated the quality of ingredients used in this industry, and, dating back to 1516, is the oldest food standards regulation still in force.

ANSWER: brewing

[10] This woman was the first person to recommend that hops be introduced as a preservative in beer, and also wrote the world's first musical, *Ordo Virtutum*.

ANSWER: Hildegard of Bingen

[10] Though women could in principle be members of guilds, they were not permitted to hold offices, and were usually barred from entering into this arrangement with a master. That consequently made it quite difficult in practice for women to join guilds.

ANSWER: apprenticeship <AP>

13. For a smooth function between R_n and R_m , the preimage of one of these points is a manifold according to a namesake theorem. For 10 points each:

[10] Name these values whose preimage only contains points where the tangent map is surjective. One statement of Sard's theorem is that almost all points in the codomain are these values.

ANSWER: regular values

[10] The regular value theorem is proved using a theorem named for these types of functions, one of whose hypotheses is that the tangent map be non-singular. These functions are not unique unless the map is injective, and bijective functions can be defined as functions for which one of these functions exists.

ANSWER: inverse functions [accept inverse function theorem]

[10] The tangent map is often called the Jacobian or by this name. For a function of a single variable, this quantity is the gradient of the tangent line.

ANSWER: derivative [accept differential, differentiation, or word forms] <JR>

14. One goal of this group was to unify science with a 'constitutive system' that would eliminate any issues caused by the imprecision of natural language. For 10 points each:

[10] Name this group, one of whose members argued for the elimination of metaphysics because of its predominant use of pseudo-statements.

ANSWER: Vienna Circle

[10] This member of the Vienna Circle went so far as to define logical positivism as 'any view that denies the possibility of metaphysics' in their *Problem of Ethics*.

ANSWER: Moritz Schlick

[10] Moritz Schlick was killed by his former student Johann Nelböck, who claimed that anti-metaphysical philosophy 'interfered with moral restraint'. Nelböck is suspected of being sympathetic to this right-wing political party, whose leaders released Nelböck from prison when they took over Austria in 1938.

ANSWER: Nazis [accept National Socialists] <GDC>

15. This company became known by its present name in 1886, when it moved into a new theatre named for the wife of Tsar Alexander II, and was renamed the Kirov Ballet during the Soviet Union. For 10 points each:

[10] Name this leading ballet of Imperial Russia, for which Marius Petipa choreographed hallmarks of the classical ballet canon like *The Nutcracker* and *Swan Lake*.

ANSWER: Maryinsky Ballet

[10] The Maryinsky is located in this city, where its Vaganova Ballet Academy was established at the Winter Palace in 1738.

ANSWER: St. Petersburg [accept Leningrad]

[10] The Italian dancer and ballet master Enrico Cecchetti caused a sensation at the Maryinsky with his performance as the Bluebird in this ballet. Petipa's daughter Marie originated the role of the Lilac Fairy in this ballet.

ANSWER: *The Sleeping Beauty* <CJ>

16. Early French translations of this poet's work were made by Clément Marot and Jacques Peletier and were influential on the writing of the sixteenth-century poet Louise Labé. For 10 points each:

[10] Name this poet of works such as the *Triumphs* and the epic *Africa*, whose poems such as 'I find no peace, and yet I make no war' gave rise to literary imitators throughout the Renaissance.

ANSWER: Francis Petrarch [Francisco Petrarca]

[10] This poet's series of 311 poems were written largely in response to their relationship with Collalto di Collalto, one of which asks 'Why should I not possess at least a little / Poetic power to tell it to the world?'

ANSWER: Gaspara Stampa

[10] Another female Petrarchist was Lucrezia Tornabuoni, whose marriage lent aristocratic legitimacy to this Florentine banking family. A member of this family, Lucrezia's son Lorenzo, also found time to write sonnets.

ANSWER: Medici <AP>

17. This activist founded the Eagle Forum and used slogans like 'I am for Mom and apple pie' and 'Stop Taking Our Privileges' during one campaign. For 10 points each:

[10] Name this lawyer and activist whose socially conservative stances put them at odds with second-wave feminist organizations like the National Organization of Women.

ANSWER: Phyllis Schlafly

[10] Schlafly is perhaps best-known for her efforts to defeat this legislation originally proposed by Alice Paul, which passed in Congress in 1970 but was not ratified by the states. Schlafly argued that this law would eliminate Social Security benefits for dependent wives and end women's exemption from the draft.

ANSWER: Equal Rights Amen~~d~~ment

[10] Schlafly self-published *A Choice Not an Echo* in an effort to prevent this man from winning the 1964 Republican nomination for president. This man lost that primary to Barry Goldwater but later succeeded Gerald Ford as Vice President.

ANSWER: Nelson Rockefeller <CJ>

18. In Flor's gene-for-gene model of plant immunity, when these genes in plants match the A.v.r. gene carried by the pathogen, plants are resistant to that pathogen. For 10 points:

[10] Name this type of gene, many of which encode a Nucleotide Binding and a Leucine Rich Repeat region. Other ways in which the products of these genes confer plant immunity include detecting PAMPs [pamps].

ANSWER: **Resistance genes**

[10] The production of this plant hormone occurs in response to pathogen attack. The namesake triple response of this hormone is seen in etiolated seedlings, and has been used to elucidate components in the signalling pathway of this hormone.

ANSWER: **ethylene** or **ethene**

[10] PAMPs produced by pathogens of this kingdom include chitin. This kingdom causes plant diseases like ergot, rusts and molds.

ANSWER: **fungi** or **fungus** <LC>

19. This city's government was criticized in 2018 for the poor execution of a change to its bike share scheme and earlier for a controversial law allowing cyclists to ignore red lights at traffic stops. For 10 points each:

[10] Name this city that, as part of a wider policy to promote cycling, in 2017 opened a four-kilometer cycle lane in the Voie [VWAH] Georges-Pompidou motorway that runs along the right bank of the Seine.

ANSWER: **Paris**

[10] This Socialist mayor of Paris has overseen a pollution-reduction initiative called Paris Breathes as part of a series of sustainability projects designed to prepare for the 2024 Olympics.

ANSWER: Anne **Hidalgo**

[10] In June 2019, this other European city reversed a policy banning cars and other polluting vehicles from its center after a right-wing candidate from its country's People's Party won its mayoral election, defeating the incumbent who had run for a second term on the platform of 'More' this city.

ANSWER: **Madrid** <CJ>

20. This faction engaged in the 'massacre of the Pelhamite innocents'. For 10 points each:

[10] Name this political faction, whom Frank Gorman claimed played a significant role in the establishment of modern-day political parties in the UK. This political faction was instrumental in bringing down the government of Lord North and stood in conflict to the 'Country Party'.

ANSWER: **Rockingham Whigs** [prompt on *Whigs*]

[10] The Rockingham Whig faction originated in their opposition to this Prime Minister, who was dismissed by George III in favour of Lord Bute. This politician succeeded their brother as Prime Minister, and their namesake system advocated a return to stable alliances with European powers.

ANSWER: **Duke of Newcastle** [or Thomas **Pelham-Holmes**]

[10] This Irish philosopher and politician was a supporter of the Rockingham Whigs. This philosopher is often seen as the father of modern British conservatism and wrote *Reflections on the Revolution in France*.

ANSWER: Edmund **Burke** <GDC>