Tossups

1. **Zhang Bishi started a centre for the production of this good at Yantai and sold it using the Changyu company. Jie of Xia's concubine Mo Xi was said to have amassed a huge amount of one type of this substance and to have killed 3,000 men with it. Du Kang is legendarily credited with inventing this substance, while his son Heita is credited with accidentally creating its derivative (*)** *Zhenjiang*. King Zhou of Shang created the Deer Terrace Pavilion, which was home to a forest of meat and a proverbially decadent amount of this good. The conquest of Gaochang allowed Tang Chinese to learn the importance of freezing in the production of a potent form of this substance produced in Xinjiang. In 'Kong Yiji', Lu Xun described a fan of this substance who lived in its production centre at Shaoxing. For 10 points, name this good made by fermenting grapes or grain in China.
ANSWER: **wine** (accept **alcohol** or *__pútáoji ǔ__*)

<DJ>

2. **Matthew Bourne's adaptation of a Bournonville ballet set in this country opens with a welder in a nightclub toilet, but has the same ending with the title character being wrapped in a scarf. Christopher Hampson moved to this country in 2012 to direct its national ballet, while a Royal Ballet choreographer born in this country gave Darcey Bussell her break in *Prince of the Pagodas*. It's not Spain, but dolls from this country dance with (*)** Swanhilde in Act 2 of Coppélia; it's not the US, but the cakewalk is a popular character dance in this country. Pas de basques, rocking steps and highcuts are practised before learning this country's sword dances, which are performed in competition alongside jigs, reels, and strathspeys. For 10 points, name this country home to the Highland fling.
ANSWER: **Scotland** [prompt on United Kingdom before "national ballet"]

<EW>

3. *NOTE TO MODERATOR: Please study answerline carefully before reading.*
The academic Maria Yellow Horse Brave Heart is best known for developing a model of historical trauma among these people. Most scholars discredit a 1932 book by John Neihardt, which claims to discuss these people's traditional religious practices. Only those who have visions of the thunder beings in the West can become one of these people's sacred contrarian jesters known as a *heyoka*. Black Elk was a spiritual healer among these people. These people (*) rejected the financial compensation offered by the US Supreme Court for the illegal occupation of their sacred site; that site is the Black Hills. For 10 points, name this Westernmost subgroup of the Sioux, whose members have included Crazy Horse and Sitting Bull.
ANSWER: **Lakota** [or **Teton Sioux**; prompt on Sioux until mention; accept more specific answers mentioning **Lakota**; accept **Oglala**, **Oglala Sioux** or **Oglala Lakota**; do NOT accept or prompt on 'Nakota' or 'Dakota'; do not accept or prompt on less specific answers describing native Americans]

<AH>

4. **The woman in this scene was directed to copy the mannerisms of Duchess from *The Aristocats*, while the man has stated he drew inspiration from the 1960s *Batman* TV show. Although this scene resembles a similar scene in *8½* between Guido and Gloria, the director of the film has stated the inspiration comes from the 1964 Godard film (*)** *Bande A Part*, the movie that also inspired the name of his production company. A dinner order including a steak "bloody as hell" and a milkshake "Martin and Lewis" is made at Jack Rabbit Slims immediately before, for 10 points, this iconic movie scene set to Chuck Berry's 'You Never Can Tell'.
ANSWER: the **dance scene** in ***Pulp Fiction*** (accept any answer that mentions **dancing** or **"the twist"** as well as ***Pulp Fiction***; prompt on partial answers, or answers that mention both Uma Thurman and John Travolta. If any answer including "the diner scene" or "the Jack Rabbit Slims scene" (before mentioned) is given, prompt on that- the entire diner scene is much longer; the dance scene is the final minute or two of it)

<BB>

5. **A paper titled for one form of this concept argues that it can exist on behalf of non-human animals, but not between them and humans, and was written by Sally Scholz. This concept is covered by Title IV of the Charter of Fundamental Rights of the European Union, which addresses topics such as protection from unfair dismissal. One text that describes two forms of this concept distinguishes between them by such parameters as "morphological basis" and "content of the (*)** collective consciousness", with a secularised and interdependent 'organic' form and a homogeneous 'mechanical' form, and is by Émile Durkheim. For 10 points, name this sociological concept of unity between members of groups or classes, the namesake of a trade union founded by Lech Wałęsa (LEKH va-WAIN-sa).
ANSWER: **Solidarity** [accept word forms, ***Political Solidarity***, **organic solidarity**, **mechanical solidarity**, or **Solidarność**]

<EL>

6. **This activity is described in an eponymous poem by Gail Mazur as "not a microcosm/not even a slice of life", and one novel about this activity is written in a style described as "ungrammar". Practitioners of this activity in one novel include the one-armed Bud Parusha and the legendary Gil Gamesh, and that novel follows the Ruppert Mundys, part of this (*)** sport's Patriot League. As well as *Bang the Drum Slowly*, novels about this sport by Mark Harris include *A Ticket for a Seamstitch*. This sport is played by the New York Knights in one novel, and that novel's protagonist owns a piece of equipment for this sport named 'Wonderboy'. The subject of *The Great American Novel* and *The Natural*, for 10 points, name this sport, played on a namesake diamond.
ANSWER: **baseball**

<EL>

7. **In 1996, this person scored the longest interception try ever seen at Arms Park with a 90-metre dash against Australia. In 2010, this person signed with the Crusaders rugby league team during which time they represented their European country four times, but retired the following year after breaking their arm. Away from the pitch, this sportsman**

hoped that their actions would inspire (*) "one young lad" to "pick up the phone to ChildLine". This person headed the Independent's Pink List in 2010, and was also named Hero of the Year by Stonewall. For 10 points, name this rugby union player, who played for Wales at four Rugby World Cups and became the first professional rugby player to be openly gay.
ANSWER: Gareth "Alfie" **Thomas**

<RJ>

8. **The clutching construction can be used to build principal bundles on these objects out of certain cocyles in Čech [check] cohomology. A theorem of Kervaire and Milnor says that parallelisations of these objects correspond to real division algebras. Gluck twists are candidates for the 'twisted' or 'exotic' type of these objects, which are not known to exist in dimension four. The (*)** hairy ball theorem states that there is no nonvanishing tangent vector field on the even-dimensional type of these objects. The statement that every closed, simply-connected 3-manifold is homeomorphic to one of these objects, which was proved by Grigori Perelman, is known as the Poincaré conjecture. For 10 points, identify these manifolds, which may be defined as the set of all points in Euclidean space that are a fixed distance from the origin.
ANSWER: **sphere**s (do not accept 'balls')

<MB>

9. **A correction to this law was made in 1817 by Dulong and Petit. This law applies to substances which are said to be "thin" in a certain sense, where the Biot number is less than around 0.1. This law can be thought of as a discrete analogue of (*)** Fourier's law, which states that the local heat flux density is proportional to the negative gradient of temperature, and is equivalent to the statement that the heat transfer coefficient is constant. The rate of heat loss of a body is directly proportional to the temperature difference between the body and its surroundings, according to — for 10 points — which eponymous law of cooling, named for an English scientist?
ANSWER: **Newton**'s **law of cooling** [accept **Newton** after "cooling" has been read]

<JE>

10. **One paper argues against this position on the basis of starting points, epistemic norms and epistemic appraisal. That paper, titled 'The Incoherence of [this position]', is by George Bealer and P. F. Strawson. A Kantian form of this approach was described in a long 1961 paper which attacked Ryleans and the (*)** "Myth of the Given". A paper with this approach in the title attacks the Kantian analytic-synthetic division. That paper, titled "[this position] and the Philosophy of Mind", is by Wilfrid Sellars. A paper by Willard Quine examined "two dogmas of", for 10 points, this position, which states that knowledge is derived from sense experience.
ANSWER: **Empiricism** [accept word forms]

<DJ>

11. **Alexander Hamilton's Hearts of Oak militia was initially named in honour of this region. The Junius letters, which caused the downfall of the Duke of Grafton, strongly criticized his administration for not intervening in a political crisis here. A pregnant Maria Ramolino fought for the independence of this region. A republic on this region**

established perhaps the first constitutional right to women's suffrage in a 1755 constitution and removed the (*) blindfold on its traditional flag as a sign that it was seeing freedom. The Battle of Ponte Novu saw the collapse of that polity in this region led by Pasquale Paoli, which had declared independence from Genoa and which was annexed by France. With a flag featuring a single Moor's head, for 10 points, which island, the birthplace of Napoleon Bonaparte?

ANSWER: **Corsica** [accept La **Corse**]

<DJ>

12. **In an interview with *Ebony* magazine, Frank Sinatra said this singer was "unquestionably the most important influence on American popular singing in the last twenty years". This singer won four Grammy Awards for Best Historical Album, all of which were awarded posthumously. The producer John Hammond arranged for this singer to make their recording debut in 1933 with Benny Goodman, singing (*)** 'Riffin' the Scotch'. One of this singer's songs was inducted into the Grammy Hall of Fame in 1978; based off a poem written by teacher Abel Meeropol, it was a protest song against the lynching of African-Americans. For 10 points, identify this jazz singer, the performer of 'Strange Fruit' known by the nickname Lady Day.

ANSWER: Billie **Holiday** [accept "Eleanora **Fagan**"; accept "**Lady Day**" before the end of the question]

<RJ>

13. **It's not in its 107th chapter, but part of this work is surrounded with reversed letter *nun*s, suggesting that the text is located in the wrong place. This work sees Phinehas stab Zimri and Cozbi mid-coitus, leading to the slaughter of the (*)** Midianites. One of this work's main characters is exiled from his eventual destination for refusing to speak to a rock, instead hitting it with his staff to create water. The tribe of Levi are exempted from this work's eponymous events, and those events show that roughly 1,800 men aged 20 and over have died over forty years. For 10 points, name this fourth book of the Bible, which sees the Israelites wandering the wilderness and takes its name from the two censuses they perform.

ANSWER: Book of **Numbers** [accept *Arithmoi* or *Bemidbar*]

<EL>

14. **In *Black Lightning*, a drug named for one of these objects gives its namesake "babies" superpowers. In *Pirates of the Caribbean: At World's End*, the appearance of one of these phenomena allows the crew of the *Black Pearl* to escape Davy Jones' Locker. One song named for one of these objects was performed at Wrestlemania 33 by Lunchmoney Lewis, Flo Rida, and Pitbull, while another claims "She thinks you love the beach, you're such a damn liar" and was (*)** Lorde's second Top 20 single. In one work, one of these objects is repeatedly observed from across Long Island Sound, and is located at Daisy Buchanan's house. For 10 points, name these specific coloured objects, used in traffic signals to signal 'Go'.

ANSWER: **green light**s [prompt on partial, accept **green flash** or **green lamp**]

<EL>

15. **Originally denoted by Roman numerals, the Villefranche classification of this syndrome's types reduced it to six, including arthrochalasis and classical. The**

kyphoscoliotic variant of this syndrome is caused by the lack of the enzyme lysyl hydroxylase. The classical variant of this syndrome is typically caused by defects in the COL5A1 or COL5A2 genes, affecting the production of type V **(*)** collagen. Jameela Jamil posted a video on Instagram revealing she had this syndrome in February 2019, showing her stretching her cheeks with the caption "I'm Fine". For 10 points, identify this syndrome, a group of connective tissue disorders commonly linked with hypermobility and named for the Danish and the French scientists who described the syndromes in the early 20th century.

ANSWER: **Ehlers-Danlos** Syndrome [prompt on anything that includes "Ehlers-Danlos" but appends another word like "Condition"; accept "**EDS**"; prompt on "Hypermobility" before "hypermobility" is read out]

<div align="right"><RJ></div>

16. **This man defeated political turncoat and New Zealand Grand Slam singles finalist Francis Fisher in the Widnes by-election after losing his seat in a snap election. This man was supported by the Friendly Society of Iron Founders in four elections to the seat of Barnard Castle. This man has the record for most successful re-entries into parliament after losing their seat. As President of the Board of Education, this man became the first (*)** Labour Cabinet minister. The only Labour party leader to win the Nobel Peace Prize, for 10 points, name this man, who served as Labour leader in three spells between 1908 and 1932.

ANSWER: Arthur **Henderson**

<div align="right"><DJ></div>

17. **In one episode of this show, a drunk painter commands attention in a bar by reciting Sonnet 18, while in another episode of this show, Penny asks her boyfriend if General Tso really existed after her presence ruins a family dinner with Astrid and Noah. This show's protagonist befriends Shy Baldwin at a telethon where they try to avoid Sophie Lennon, after exposing her** (*) "Queens housewife" persona as a fraud. That protagonist of this show earlier had to be bailed out of jail by her friend Lenny after baring her breasts in front of future manager Susie Myerson at the Gaslight Café, while drunkenly riffing on the fact that her husband Joel had just left her. For 10 points, name this show about a Jewish housewife in New York who becomes a stand-up comedian.

ANSWER: The ***Marvelous Mrs. Maisel***

<div align="right"><EW></div>

18. **In a novel from this country, the title character falls in love with Faustine while investigating disappearing tourists on the disease-stricken Villings Island. In another novel from this country, an overlooked detail in the painting *Motherhood* fascinates a woman who is accused of sleeping with Hunter by the painter; that novel forms a trilogy with *On Heroes and Tombs* and *The Angel of Darkness*. This country is the setting for a novel in which** (*) Traveler's wife Talita is mistaken for La Maga by a bohemian intellectual of the Serpent Club; that book's section "From Diverse Sides" does explain the mysterious Morelli and Horacio Oliveira's mental state but is "expendable" to the reader. For 10 points, name this country whose "Generation of 37" included Ernesto Sabato and Julio Cortazar.

ANSWER: República **Argentina**

<div align="right"><EW></div>

19. **Monks having love affairs and toes being exposed year round are some of this province's "Eighteen Oddities". Writing systems in this province include the Nakhi Dongba script and the Yi script, though the Tai Tham alphabet is used by this province's "model" Dai group. Tourist hotspots in this province include the Hani rice terraces, tropical Xishuangbanna [shee-shwang-ban-ah] and Tiger Leaping Gorge at** (*) Shangri-La. This province is home to the Six Great Tea Mountains that yield maocha for fermentation, as well as the Three Parallel Rivers region named for the Salween, Mekong and Yangtze. Bordering Sichuan and Tibet as well as Myanmar and Vietnam, for 10 points, name this diverse Chinese province with capital at Kunming.
ANSWER: **Yúnnán**

<div align="right"><EW></div>

20. **A character in this novel insists that "There is no drinking at Oxford now, I assure you. Nobody drinks there" remarking at the shock when everyone drank 5 pints at a party he hosted. The epigraph to Ian McEwan's** *Atonement* **is from a passage of this novel in which the protagonist is asked "Does our education prepare us for such atrocities? Do our laws connive at them?" This novel's central character is described as preferring "baseball, horse-riding and running about the country" to (*)** reading books of information until she reaches the age of 15. A man in this book describes how he tired of reading a certain other book after a nonsensical "see-saw" scene. That "rattle" is John Thorpe who rails against the reading of novels. For 10 points, name this Jane Austen novel in which Henry Tilney eventually marries a fan of *The Mysteries of Udolpho*, Catherine Morland.
ANSWER: ***Northanger Abbey***

<div align="right"><DJ></div>

Bonuses

1. In *Morpho Eugenia* by A.S. Byatt, William Adamson reads this poet's sonnet about ants which calls them "deformed remnants of the fairy-days". For 10 points each:
[10] Name this "Peasant Poet" who introduced Northamptonshire dialect words for flora and fauna to the canon, and called themselves the "self-consumer of my woes" in "I Am!"
ANSWER: John **Clare**
[10] Clare described this season as the time when "burning hot is the ground, liquid gold is the air", and "hill-tops like hot iron glitter bright in the sun". Keats invoked this season's "mists and mellow fruitfulness".
ANSWER: **autumn**
[10] Clare's love of the countryside was clearly expressed in this brief poem which states that "woods, fields, brooks are life eternal: and in silence they speak happiness beyond the reach of books".
ANSWER: **"All Nature Has a Feeling"**

<div align="right"><EW></div>

2. This work's author claims that he wishes he were a cannibal, not for the pleasure of eating someone but for the pleasure of vomiting them back up. For 10 points each:
[10] Name this collection of aphorisms whose title alludes to the negative consequences of a certain "laughable accident", and claims that "you always kill yourself too late".
ANSWER: The **Trouble with Being Born** [or **De l'inconvenient d'etre né**]
[10] Emil Cioran's *The Trouble with Being Born* is a touchstone in antinatalism, which stems from this broader philosophical idea that there is no inherent meaning or purpose to life.
ANSWER: **nihilism**
[10] Cioran further developed his thoughts on suicide in a work titled *On the Heights of* this concept, which Kierkegaard attributed to non-alignment with God in *The Sickness Unto Death*.
ANSWER: **despair**

<EW>

3. Principal antagonists in this video game include Philip Strenger, known as the Bloody Baron, and Eredin Bréacc Glas, the leader of the eponymous group of elves. For 10 points each:
[10] Name this 2015 RPG by CD Projekt Red, the third to feature Geralt of Rivia as the eponymous monster hunter, based on a series of novels by Andrzej Sapkowski.
ANSWER *The Witcher 3: Wild Hunt* [accept *Wiedźmin 3: Dziki Gon*]
[10] Of course, you could forgo all the hunting monsters and saving the world in favour of beating everyone in the Continent at this card game, spun off into its own game in 2018.
ANSWER: **Gwent** [accept **Gwent: The Witcher Card Game**, prompt on '*Thronebreaker*']
[10] The whole series regularly references Arthurian legend: for example, both a water nymph in Vizima and Ciri in the title of the fifth novel are identified with this figure, the source of Excalibur.
ANSWER: The **Lady of the Lake** [accept **Nimue** or *Pani Jeziora*]

<EL>

4.British people love a good trolleybus, and its with good reason that the UK has the most preserved trolleybuses in the world. For 10 points each:
[10] The Trolleybus Museum, the largest collection of Trolleybuses in Europe, is located at Sandtoft in this county. This county is also home to RAF Scampton, the home of the Red Arrows.
ANSWER: **Lincolnshire**
[10] Another historic operating Trolleybus system is located at the museum celebrating the life of this region of the industrial West Midlands around Dudley, Sandwell, Walsall and Wolverhampton built around a particularly rich coal seam.
ANSWER: **Black Country**
[10] The only other working trolleybus system in a UK museum is located at the Transport Museum in Carlton Colville, a suburb of this town. Christopher Cockerell's lab was donated to its Maritime Museum having tested his hovercraft at Somerleyton nearby in the same county as this town.
ANSWER: **Lowestoft**

<DJ>

5. Time for some bonuses on one of the most notable and illustrious families in British history. For 10 points each:

[10] Liberal MP William Laslett married the daughter of the holder of this English bishopric, before driving her to flee to Scotland. Its residences at the time were at Hartlebury Castle and Alvechurch.
ANSWER: Bishop of **Worcester**
[10] Rhaune Laslett became famous for establishing what would become this annual London event. Her blue plaque can be found on the corner of Tavistock Square and Portobello Road.
ANSWER: **Notting Hill Carnival** [prompt on partial]
[10] Political historian Peter Laslett was instrumental in founding both the University of the Third Age and this largest British university for undergraduates, headquartered in Milton Keynes.
ANSWER: The **O**pen **U**niversity

<EL>

6. Fulfilling this year's 'Engineering and Death' distribution, have some bonuses on the physical causes of aeroplane crashes. For 10 points each:
[10] The de Havilland Comet was involved in 13 fatal accidents due to stress concentration around rivet holes, leading to this slow breakdown and crack propagation in metal under cyclic stress.
ANSWER: Metal **fatigue**
[10] Many crashes involve malfunctions of this apparatus used to measure fluid flow speed and thus airspeed: for example, Birgenair Flight 301 crashed after wasps built a nest in one of these tubes.
ANSWER: **Pitot** tube [accept **Prandtl** tube or **Pitot-static** system]
[10] The Bell X-1A and X-2 were the first aircraft to crash due to this phenomenon, wherein rolling at high speeds with incorrectly distributed mass causes uncontrolled spin in three dimensions.
ANSWER: **inertial coupling**

<EL>

7. Once the Finns declared independence in 1917, they wanted to help other Finnic peoples do the same - for 10 points each, answer the following about the Heimosodat, or "Kinship Wars":
[10] One of the first conflicts Finnish volunteers assisted with was this country's 1918-1920 War of Independence, where pushing back Soviet and Latvian forces resulted in the Treaty of Tartu.
ANSWER: **Estonia** [or **Eesti**]
[10] In March 1918, Finnish forces also attempted but failed to annex White Karelia from Russia, with many volunteers having trained as this sort of light infantry soldier in Germany.
ANSWER: **Jäger**
[10] After a revolt with Finnish assistance, Finns in this historical area south of the Gulf of Finland close to Lake Ladoga declared a short-lived republic. This area was earlier ceded to Sweden in the Treaty of Stolbovo.
ANSWER: **Ingria**

<EW>

8. Allegedly, Oxford academic Dirk Obbink illegally sold fragments of this material to purchase a castle in Texas. For 10 points each:

[10] Name this Egyptian plant whose reeds were often used to create scrolls before the popularization of parchment.
ANSWER: **papyrus**
[10] Papyrus fragments need dry desert conditions to survive; however, several papyri have survived in carbonised form from this town. In 2018, Brent Seales demonstrated that papyri from this town could be "unrolled" virtually and read.
ANSWER: **Herculaneum** [accept **Herculaneum** papyri or **Herculaneum** scrolls]
[10] In 2012, a papyrus fragment was published by Karen King making this controversial claim. In 2016, an investigative article by Ariel Sabar suggested that the papyrus fragment was actually an outstanding forgery by a Florida-based sex cult.
ANSWER: **Jesus** had a **wife** [accept any answer containing the words **Jesus' wife** or that **Jesus** was **married**; accept Mary Magdalene being **Jesus' wife**]

<AH>

9. For 10 points each, answer questions on these pearlescent painters.
[10] Cleopatra holds a pearl above a glass of vinegar in a sign of extreme decadence painted by this Italian artist, which he replicated in his decorations for Venice's Palazzo Labia.
Answer: Giovanni Battista **Tiepolo**
[10] A putto at the bottom of this other Rococo artist's *The Toilet of Venus* amuses itself with a pearl necklace. This artist painted many depictions of Madame de Pompadour.
ANSWER: Francois **Boucher**
[10] Giuseppe Castiliogne painted empress Xiao Yi Chun, the wife of this nation's Qianlong Emperor wearing pearl earrings and yellow dragon robes.
ANSWER: **China** (accept **Qing** Empire)

<DJ>

10. How much do you know about linguistic-theoretical explanations for mutations in Celtic languages? For 10 points each:
[10] Eric Hamp's classic analysis argues that Celtic mutations are caused by an abstract one of these entities. These entities are the smallest linguistically meaningful units of sound.
ANSWER: **phonemes**
[10] Later autosegmental accounts reduced Hamp's phoneme to a "floating" one of these units. Examples of these descriptive sub-units of phonemes include [+voice] or [-continuant].
ANSWER: distinctive **features**
[10] In some of these accounts, "floating" features then spread to a segment with this property, where certain features are omitted in a segment's underlying representation.
ANSWER: **underspecification** [accept word forms, accept **radical** or **restricted** underspecification]

<EW>

11. This symphony opens with cellos and horns playing a faltering syncopated motif that Leonard Bernstein suggested represented the composer's irregular heartbeat. For 10 points each:
[10] Name this symphony. Its composer had earlier tried to avoid a curse associated with this symphony's number by composing *Das Lied von der Erde*.
ANSWER: **Mahler's Ninth** Symphony

[10] In the opening of Mahler's 9th, this instrument plays a low F-sharp-A-pause-B-A over the aforementioned syncopated rhythm which serves as a theme for the rest of the movement. The string section and this solo instrument are the only ones to feature in the *Adagietto* from Mahler's 5th.

ANSWER: **Harp**

[10] The second movement of Mahler's 9th recalls the second movement of his first two symphonies by opening with an example of this rustic ¾ ("Three-Four") folk dance, popular in Austria and Bavaria during the 18th century.

ANSWER: **Landler**

<GC>

12. Elena Cornaro Piscopia was the first woman to gain a doctorate in philosophy. For 10 points each:

[10] Elena was an illegitimate daughter of the Cornaro family, which played a prominent part in this city. Her father Gianbattista was treasurer of its St. Mark's Cathedral and helped organize its Marriage of the Sea celebration.

ANSWER: **Venice** [accept **Venezia**]

[10] Having served an apprenticeship as a child prodigy, Elena studied philosophy under Galileo's friend Carlo Rinaldi at this university, home to the earliest surviving anatomical theatre and the oldest unmoved academic botanical garden.

ANSWER: University of **Padua**

[10] After Elena was awarded her doctorate, a clampdown on female education meant that no woman received a doctorate again for 54 years, until Laura Bassi received a degree from this Italian university, the oldest in the world.

ANSWER: University of **Bologna**

<DJ>

13. As long as two people are in competition, one of them is going to be tempted to cheat. For 10 points each, answer these questions about one of those people:

[10] In 2007, this athlete was formally stripped of their Olympic medals. They had previously won three golds and two bronzes at the 2000 Sydney Olympics in various track-and-field events.

ANSWER: Marion **Jones**

[10] Jones was one of the most prominent figures caught in this scandal, named after the lab that supplied anabolic steroids to athletes including Jones, Dwain Chambers and Jason Giambi.

ANSWER: **BALCO** scandal [accept "**Bay Area Laboratory Co-operative**"; prompt on any answer that only includes two or three of those words]

[10] Other central figures in the BALCO scandal included this American sprinter, then Jones' boyfriend, who was stripped of his 9.78-second 100m world record in 2005.

ANSWER: Tim **Montgomery**

<RJ>

14. Functional groups are substituents within molecules that will undergo the same chemical reaction regardless of the size of the molecule they are part of. For 10 points each:

[10] Often catalysed using sulphuric acid, the ester test is used to detect the presence of this functional group. Esters are produced through the reaction between this group and carboxylic acids.

ANSWER: **alcohol**s [do not accept or anti-prompt any specific alcohols]
[10] 2Ag(NH3)2OH is the chemical formula for this reagent, used in the test of the same name that is used to test for aldehydes. The reaction causes the formation of silver that accumulates on the inner surface of the reaction vessel.
ANSWER: **Tollens** reagent [accept "**Tollens** test" or "Bernhard **Tollens**"]
[10] A common test for alkenes involves the use of this mixture. The presence of an alkene will cause this substance to change colour, from an intense orange-yellow to become colourless.
ANSWER: **Bromine water** [do not accept "bromine" alone, or "water" for more obvious reasons]

<RJ>

15. Everybody loves a good bank-robbing movie, especially when they can steal you some bonus points in a quiz tournament (sorry). For 10 points each:
[10] Ben Foster and Chris Pine play brothers who rob banks in West Texas in this recent Academy Award Best Picture nominee.
ANSWER: ***Hell or High Water***
[10] This 1975 film sees Sonny Wortzik, inspired by bank robber John Wojtowicz, bungle a heist at the First Brooklyn Savings Bank, intended to pay for his wife's gender affirmation surgery.
ANSWER: ***Dog Day Afternoon***
[10] This 2008 movie's opening scene involves the robbery of a mob-run bank. The scene ends by revealing the villain of the rest of the movie, portrayed by Heath Ledger.
ANSWER: ***The Dark Knight***

<BB>

16. These beings can be defeated via *shogi*, sumo wrestling, or simply pulling their arms off, and in many stories they are deterred by iron, sesame, or ginger. For 10 points each:
[10] Name these Japanese spirits, whose antics range from looking up kimonos to pulling people's souls out of their anus. They have a dish of water on their head, and emptying this kills them.
ANSWER: **Kappa** [accept **kawatarō**, **komahiki**, **kawatora**, or **suiko**, prompt on yōkai]
[10] Kappa can often be pacified by offering them this vegetable. In some traditions, people would write their names on these vegetables and float them in rivers to ward off kappa.
ANSWER: **cucumber**s
[10] The most common method of defeating kappa involves exploiting their politeness by performing this action, causing them to follow suit and spill the water from their head.
ANSWER: **bow**ing

<EL>

17. In this play, the townsfolk's yellow shoes, the Policeman's gold tooth and the Mayor's pricey cigarettes show Alfred that wealth has corrupted his town. For 10 points each:
[10] Name this play in which Claire Zachanassian promises to give away a colossal sum of money to the people who live in Güllen, on the condition that someone murders her ex Alfred.
ANSWER: The **Visit** [accept ***Der Besuch der alten Dame***]
[10] *The Visit* is a play by this Swiss author and dramatist, who worked within epic theatre and wrote *The Physicists* and *Romulus the Great*.
ANSWER: Friedrich **Dürrenmatt**

[10] Claire's pet name for Alfred is this big cat, which becomes a bit awkward when one is shot dead in the town. This nickname is shared by the Marvel superhero T'Challa.
ANSWER: **black panther**

<EW>

18. This author wrote their first novel *From a Crooked Rib* while studying in India in 1968, following Ebla as she flees nomadic life and bartered marriages. For 10 points each:
[10] Name this author who has oft been mentioned as a Nobel Prize candidate for their trilogies *Blood in the Sun*, *Past Imperfect* and *Variations on the Theme of an African Dictatorship*.
ANSWER: Nuruddin **Farah**
[10] Farah's 2014 novel *Hiding in Plain Sight* deals with a terrorist attack in this capital of his home country, which was controlled by al-Shabaab until 2011 and is still in a state of civil war.
ANSWER: **Mogadishu**
[10] Farah further discussed Somali terrorism in the 2018 work *North of Dawn,* in which Dhaqaneh's death by jihad prompts his family to move to this home country of the author of the 21st century autobiographical series *My Struggle*.
ANSWER: **Norway** [note to the players that in play-testing, George Corfield confidently answered "Germany"]

<EW>

19. Pathogens which are able to reproduce through this means are known as 'temperate', whilst those which are unable are known as 'virulent'. For 10 points each:
[10] Name this passive method of reproduction, which is dependent on replication of the host genome. Expression of the replicated genes will only occur following induction.
ANSWER: **Lysogeny** [or **Lysogenic cycle**]
[10] The quiescent lysogenic cycle is contrasted with the lytic cycle in the reproduction of these pathogens, which infect bacteria.
ANSWER: Bacterio**phages**
[10] A switch from lysogeny to lysis may occur in the host cell following this process, which activates following DNA damage. This process is hijacked by the phage as RecA promotes autocleavage of phage DNA from the genome, rather than promoting DNA repair.
ANSWER: **SOS** response

<GC>

20. Get out your Tolleys - we're entering the wonderful world of the legislation for employment duties. For 10 points each:
[10] Employment tax law became a trending topic back in March, when this Scottish daytime TV presenter successfully argued that they were self-employed in a tribunal case worth £1.2m.
ANSWER: Lorraine **Kelly**
[10] Kelly's employment status was scrutinised with reference to this anti-avoidance legislation, which seeks to crack down on 'disguised employees' being paid through an intermediary.
ANSWER: **IR35**
[10] Intermediary personal service companies pay workers using these distributions, which do not attract National Insurance contributions and have a basic rate of 7.5%.
ANSWER: **dividend**s

<EW>

Tiebreaker

This fish is served alongside scrunchions and brewis [brews] in a traditional Newfoundland meal. The Puerto Rican dish bacalaito is comprised of pancake-like fritters made from this fish, which derives its name from the Portuguese word for this fish, bacalhau. When salted, this fish is one of the two main ingredients of the (*) Jamaican national dish, alongside the ackee fruit. A dietary supplement that contains vitamins A and D and various omega-3 fatty acids is derived from the liver of this fish. For 10 points, name this fish, the subject of various territorial disputes between Iceland and the United Kingdom, known as this fish's eponymous Wars.
ANSWER: **Cod**

<RJ>