

MKVITRA: The Undiscovered Content

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Packet 12 (Plate/Spoon Final): What Is Your Beef With Mugsy Bagues

TU1. **Morgan Shuster notes that women in this country wielded handguns to protest foreign influence in his book the *Strangling of <this country>*. In the 19th century, Fidella Fisk opened a Presbyterian seminary to educate women in this country. In 1935, after men in this country were forced to wear bowler hats, a demonstration of women occurred where they shouted that the monarch was a “new (*) Yazid”. A queen of this country owned a three billion dollar art collection of Pollock and Renoir paintings and was derisively called the “Eastern Jackie Kennedy.” Women in this country were subject to the *Kashf-e hijab*, where they were banned from wearing veils during its 1963 White Revolution. For 10 points, Farah Pahlavi was the last Shahbanu of what Middle Eastern country, whose Shah was overthrown in 1979?**

ANSWER: **Iran** [or **Persia**]

<ZF>

BS1. Americans love to ask questions about state flags and we here at Milton Keynes Bovine Concrete are always keen to nick ideas when they emerge. For 10 points each, questions on the flags of English counties:

[10] The county flag of Essex includes three depictions of this weapon, a curved sword with a notched blade associated with the Saxons and known by an Old English name.

ANSWER: **Seax**

[10] Often flown as a symbol of Cornish identity, St. Piran's Flag is made of these two colours.

ANSWER: **Black** and **white**

[10] The most recent county flag to be adopted was the flag of this county, which depicts the cinquefoil emblem of the de Beaumont noble family and a running fox.

ANSWER: **Leicestershire**

<RJ>

TU2. **Ivan Margary developed his eponymous numbering scheme to catalogue examples of these things in Britain, identifying at least 90 examples. The dimensions of these things were established in the Laws of the Twelve Tables, and were divided into the categories *terrena*, *glareata* and *munita* depending on the construction material. One of these things was cited in the *Treaty of Alfred and Guthrum*, and is thought to have been used as a (*) boundary of the Danelaw; that example of these things is the location of a victory won by Gaius Suetonius Paulinus in AD 61. The first of these things to be paved is believed to be the one connecting Brindisi and Rome - this is the Appian Way. For 10 points, Ermine Street and Fosse Way are examples of what constructions, built in Britain by ancient Italian occupiers?**

ANSWER: **Roman roads** (prompt on roads alone)

<RJ>

BS2. These organisms are responsible for about 30% of the oxygen produced on Earth, and make up about half of the oceans' biomass. For ten points each:

[10] These single-celled photosynthesising algae are known as “jewels of the sea” due to their transparent cell walls made of biogenic silica. They name a variety of “earth” also known as kieselgur.

ANSWER: **diatoms** (or **Diatomophyceae** or **Bacillariophyceae** or **Bacillariophyta**)

[10] The porous silica cell walls of diatoms are known by this name. These structures are usually composed of two thecae [THEEK-eye] or valves, supported by copulae or girdle bands.

ANSWER: **frustule**

[10] Diatoms are the phyto- type of these organisms, which drift but are unable to propel themselves against the current. They're not krill, but these organisms make up the diet of many baleen whales.

ANSWER: **plankton**

<MB>

TU3. **This person claimed that seeing the *Cats* movie was so musically traumatic that they immediately bought a dog. This musician won the 1986 Grammy for best classical contemporary composition, for their Requiem Mass in honour of their father; the following year, this person was sued by the Puccini estate for allegedly plagiarising from *La Fanciulla [fan-CHYULL-a] del West*. Alan Ayckbourn wrote the lyrics for this person's failed 1975 (*) musical adaptation of *Jeeves and Wooster*. This person is the co-composer, with Jim Steinman, of the Boyzone hit *No Matter What*, and performed on Eurovision in 2009, composing *It's My Time* and playing piano for fifth-place finisher Jade Ewen. This composer rewrote an entire musical after their pedigree kitten deleted the score - that was *Love Never Dies*. For 10 points, which ennobled composer worked with Tim Rice on *The Phantom of the Opera*?**

ANSWER: Andrew **Lloyd Webber** [prompt on just **Webber**]

<MR>

BS3. Noice. Smort. Ohh mama. Terry loves yogurt. Punk. Cue theme music! For 10 points each, answer questions on cold opens from *Brooklyn Nine-Nine*:

[10] While conducting an identity parade, Jake Peralta has the five members of the lineup sing this Backstreet Boys song, a number one hit in 1999.

ANSWER: ***I Want It That Way***

[10] Charles Boyle spends a weekend with a "Dianne Wiest [WEEST] infection" after watching her in this black comedy. Wiest won her second Best Supporting Actress Oscar for this film, after previously winning for *Hannah And Her Sisters*.

ANSWER: ***Bullets Over Broadway***

[10] Because the answers are so ambiguous, the squad struggles to work out whether the "Kelly" that this character keeps referring to is his dog or his wife. Another cold open shows this character and Hitchcock as they were in the 1980s, when they were hot studs.

ANSWER: Norm **Scully**

<RJ>

TU4. **According to Janis Ian's autobiography, this person tore a payphone from the wall after they were refused royalty payments for a song they recorded. A protest song by this person including the characters Sweet Thing and Peaches was interpreted by some as using racist stereotypes, leading to it being banned on radio. The lyrics to a song by this person, *Backlash Blues*, were written by their friend (*) Langston Hughes and are among many songs by this person that comment on the civil rights movement. One of this person's most famous songs was originally written for the musical *The Roar of the Greasepaint, The Smell of the Crowd*, while another of their songs was written after the murder of Medgar Evers in Jackson. For 10 points, *Mississippi Goddam*, *Sinnerman*, and *Feeling Good* were among the signatures of what blues singer?**

ANSWER: Nina **Simone** (or Eunice **Waymon**)

<RJ>

BS4. One of these people is accompanied by Panurge, a man who has an income of 6.7 billion royals.

[10] Name these people, one of whom builds the Abbey of Theleme in *Gargantua and Pantagruel*. In a 1726 work, a group of these people inhabit a land where wasps are the size of partridges, the Brob-ding-nag-ians.

ANSWER: **Giants** (or **Géant**. Prompt on descriptions like **tall** people or **large** people)

[10] Gargantua and Pantagruel were created by this 16th century French humanist who on his deathbed said "I go to seek a great perhaps." Mikhail Bakhtin [bahk-TEEN] further developed the idea of "carnavalesque" in his work on <This author> and his World.

ANSWER: Francois **Rabelais**

[10] In one episode, Pantagruel and associates are attacked by a 42,000-strong army of this foodstuff, which is also flanked by "a large force of game-puddings, stout dumplings, and mounted sausages".

ANSWER: **Chitterlings** (or **chitlins** or **andouillette**. Prompt on intestines)

<ZF>

TU5. **Until Johan Maurittsson [MOR-it-son] led a team to do so in 2008, these things had never been filmed moving, although they had been known to be mobile since the 1890s. These things remain highly localised and close to their corresponding holes in a situation named for Frenkel. Scientists studying these things may keep them in Penning traps, and these things form "bubbles" around themselves in cold liquids. These things name a kind of (*) therapy used to safely treat basal cell carcinoma as these things cannot burrow past the layer of skin where the cancer occurs. One early theory imagined these things distributed within space like plums in a pudding. These particles are released during beta decay. For ten points, name the negatively-charged particles that surround the nucleus of an atom.**

ANSWER: **electrons**

<MR>

BS5. Scientific advances in the seventeenth century saw a flurry of stories that we would now describe as science fiction. For 10 points each:

[10] In the early 1600s, Johannes Kepler published *Somnium, or The Dream*, an account of a magical journey to "the island of Levania" - Levania being the fictional inhabitants' name for this place, of whose geography Kepler had made an in-depth study.

ANSWER: the **moon** (or **Luna**)

[10] In the same century, Cyrano de Bergerac - the real one - wrote *A Comical History of the States and Empires of the Moon*, one of the first books to describe flight by this means of propulsion, not made real until the twentieth century.

ANSWER: **rockets**

[10] A few years after Cyrano's death, Margaret Cavendish published this utopian science fiction novel, which portrays the titular location as a parallel Earth accessed by a passageway from the North Pole.

ANSWER: *The Description of a New World, Called **the Blazing-World***

<MR>

TU6. **In one story, these beings try to become human by wearing skulls and worshipping the stars, and in another work, these beings are described both as "an auspicious omen...during times of peace" and as "a man-eater" that "makes a sound like a baby". Another of these beings was married to King Zhou [JO] as punishment for his offending the gods, and inhabited the body of (*) Daji. In some stories, these beings seduce men in order to absorb life essence through their semen and become human, but in most, these animals become enlightened and able to transform as they age, and their notably supernumerary body parts are held to represent their abundant progeny. Often depicted with nine tails, for 10 points, the spirits of what animals are known as *huli jing* in China and *kitsune* in Japan?**

ANSWER: **fox** spirits [accept **huli jing** or **kitsune** before said, also accept **nine-tailed fox**, **huxian**, **hushen**, **husheng**, **huwang**, **huyao** or **jiuwei**]

<EBL>

BS6. It's time for a word from our sponsor, the UNESCO World Heritage Site list. Answer some questions on nations that have but a single site enshrined on the list, for 10 points each:

[10] This African capital city is described as "A Modernist African City" and is particularly notable for its Art Deco architecture, with examples like the Cinema Impero on Harnet Avenue.

ANSWER: Asmara

[10] The historic centre of this microstate is inscribed as a UNESCO site along with Monte Titano to the east of its capital. Monte Titano is also known as Monte Brugola in Italy due to its shape similar to an Allen key when viewed from the Po Plain.

ANSWER: San Marino

[10] The National History Park and Citadel of this palace is the only UNESCO site in Haiti. Built by King Henri, Haiti's only monarch, this palace shares its name with a different one.

ANSWER: Sans-Souci

<RJ>

TU7. A treaty that guaranteed this goal was known by the nickname *turpis pax*, meaning "shameful peace", and was precipitated by the near-capture of a 14-year-old king. Polls following a 2022 Supreme Court judgement showed a majority support for this cause for the first time since 2014. One side in a war fought for this goal was funded by France, which led to the Crécy campaign and English forces sacking Caen [CON']. A group involved in the second war for this cause was known as the (*) Disinherited, and was led by Edward Balliol. This cause was defeated 55 to 45 percent in a referendum held in September 2014, with the majority voting "No", while victory at the Battle of Bannockburn sealed this objective. For 10 points, Scotland fought multiple wars against England in the pursuit of what political goal?

ANSWER: Scottish independence (accept independence after "Scotland" is read out, otherwise prompt by saying "Independence for who?")

<RJ>

BS7. It's an old trope of the business that wrestling doesn't pay, as so many professional wrestlers have characters based around their "day jobs". For 10 points each:

[10] Britt Baker, the first woman signed to All Elite Wrestling, works in this field in everyday life, and incorporates her D.M.D. professional qualification into her ring name.

ANSWER: Dentistry (prompt on medicine or similar answers not specifically about dentistry)

[10] Don't worry, this isn't a set all about wrestling. Another badass dentist was Doc Holliday, who was part of the gunfight at this location in the Arizona town of Tombstone.

ANSWER: Gunfight at the OK Corral

[10] The dentist Dr. Valentine falls in love with Gloria Clandon in *You Never Can Tell*, an 1897 play by this playwright.

ANSWER: George Bernard Shaw

<RJ>

TU8. A 2020 National Gallery exhibition of this artist's work was their first major show in the UK, and included letters written between this artist, Pierantonio Stiattesi and Francesco Maria Maringhi. A king dressed in extravagant Renaissance finery leans out of his chair in this artist's *Esther Before Ahasuerus* [a-HAZ-you-EER-us]. One work of 1620 was signed by this artist with the surname "Lomi", which they used while living and working in Florence. A 1610 work by this artist is thought to be the first to show the subject (*) Susanna disliking the male attention she receives.

Among this artist's self-portraits are works depicting them *as a Lute Player*, *as the Allegory of Painting*, and *as Saint Catherine of Alexandria*. For 10 points, which Italian artist, the first woman accepted into the Florentine Academy, painted a violent *Judith Slaying Holofernes* [ho-lo-FER-neeZ]?

ANSWER: Artemisia Gentileschi [jen-til-ESK-i] (accept Lomi before it's read out, but what kind of madman would buzz and answer with that?)

<RJ>

BS8. A contractile ring forms at the end of this process in animals. For 10 points each:

[10] Name this cell division process where the cytoplasm is divided in order to form two daughter cells. The SPAST gene disassembles microtubule bundles during this process.

ANSWER: **Cytokinesis**

[10] A contractile ring is composed almost entirely of myosin [MY-o-sin] and this protein. This protein makes up microfilaments and slides alongside myosin in muscle contraction. Wikipedia notes it shouldn't be confused with the chemical element with number 89 and symbol Ac.

ANSWER: **Actin**

[10] Mitosis can also occur without cytokinesis, which gives rise to these multinucleate cells, which form structures like the placenta or nerve nets in ctenophores [TEEN-o-fors]. Unlike coenocytes [SEE-no-sites], these multi-nucleate cells form non-articulated laticifers [la-TISS-i-ferz] in plants.

ANSWER: **Syncytium** [sin-SIT-ee-um] (or **Syncytia**)

<ZF>

TU9. This person's parents did not register their birth for five years and had forgotten the date, leading this person to choose their own birthday as April 23rd, shared with William Shakespeare. In 2018, Stella Duffy completed the novel *Money in the Morgue*, which this author had started during World War II but abandoned with only three chapters written. Many of this person's novels involve unusual methods of death, such as a piano rigged with a pistol that causes the death of Miss Campanula in (*) *Overture To Death*. A character created by this author appeared in 32 novels, beginning in 1934 in *A Man Lay Dead*. Born with the forename Edith, this person's second name can translate as "light on the water" in Maori. One of the Queens of Crime, for 10 points, which New Zealand mystery author created the character of Detective Chief Inspector Roderick Alleyn?

ANSWER: Dame Edith Ngaio [NYE-o] **Marsh**

<RJ>

BS9. This artist possibly depicted their face in their painting of a sorceress in *The Magic Circle*. For 10 points each:

[10] Name this Pre-Raphaelite Brotherhood artist of *Consulting the Oracle*. This artist also depicted a red-haired woman who dies on her way to Camelot in 1888's *The Lady of Shalott* [sha-LOT].

ANSWER: John William **Waterhouse**

[10] Waterhouse also depicted this Shakespearean character sitting on a log next to a lily pond. In an 1851 painting, John Everett Millais depicted this daughter of Polonius as she is about to drown.

ANSWER: **Ophelia**

[10] This figure walks on water and pours poison onto a monster in an 1892 painting by Waterhouse. In an earlier depiction by the same artist, this figure sits on a throne holding a potion, with a pig sitting on the bottom right.

ANSWER: **Circe** *Invidiosa* (or **Circe** *Offering the Cup to Ulysses*)

<ZF>

TU10. One side in this siege had German soldiers under the command of Von Salzburg, another side had German soldiers under the command of Deux-Points, and a third side had some 3,000 German soldiers, which is why this engagement is sometimes known as the German Battle. One side surrendering after this siege may have played the ballad *The World Turned Upside Down*, but that story is probably apocryphal. This siege was preceded by the Battle of the (*) Chesapeake, which left one side unable to be evacuated and besieged by Lafayette and Washington. Trumbull painted the end of this siege in *Surrender of Lord Cornwallis*. For ten points, name this decisive British defeat in a siege that was the last major land battle of the American War of Independence.

ANSWER: Siege of **Yorktown**

<PA>

BS10. The inhabitants of this place abandoned it on the day 4 Eagle of the year 1 Knife, believed to be in 1065 CE. For 10 points each:

[10] Name this place, the mythical ancestral home of the Nahua peoples. The common name "Aztec" for these tribes identifies them as being from this place.

ANSWER: Aztlán [accept if given, but do not read out otherwise, Chicomoztoc]

[10] In some accounts, the people of Aztlán were oppressed by this elite class of Aztecs, named for being from the "place of seven caves" that the Nahua peoples originated from.

ANSWER: Azteca Chicomoztoca

[10] After leaving Aztlán and renaming themselves the Mexica [meh-SHEE-kah], one of the Nahua tribes were guided by the sign of an eagle landing on a cactus to found this Aztec capital on Lake Texcoco [tesh-KO-ko].

ANSWER: Tenochtitlan [accept Mexico-Tenochtitlan]

<EBL>

TU11. **Dollo's law of irreversibility posits that this process can never be exactly reversed, while countergradient variation occurs when things subject to this process receive opposed pressures from environmental versus innate factors. Stebbins, Dobzhansky and Mayr [MY-er] were among the scientists who helped construct the "modern synthesis" theory of this process, and the term "modern synthesis" itself was coined as a subtitle to a book on this process by Julian (*) Huxley.**

The modern synthesis brought together Weismann's [VICE-man] work on "germ plasm", an early theory of the gene, with experiments documenting this process by Gregor Mendel and the work of Charles Darwin on environmental selection within this process. For ten points, give the term for the process, driven by random mutation and natural selection, by which species change over generations.

ANSWER: evolution (anti-prompt on natural selection)

<MR>

BS11. The settlement of Cumberland House was founded due to a boom in this industry. For 10 points each:

[10] Name this industry that dominated trade in pre-Confederation Canada and was largely controlled by the Hudson Bay Company, whose practices drove a decline in beaver populations around Lake Athabasca.

ANSWER: fur trapping [or pelt trapping]

[10] Along with the Métis, these First Nations people formed the Iron Confederacy and traded extensively with the Hudson Bay Company. These people live primarily on the northern shores of Lake Superior and are Canada's largest First Nations group.

ANSWER: Cree people [or Nehiyaw]

[10] The Royal Geographic Society financed this 1857 to 1860 expedition by the namesake Irish explorer that surveyed the area for fur traders. This expedition mapped the Prairies, and found that settlement was possible in the Red Deer Valley, leading to the founding of Calgary.

ANSWER: Palliser Expedition

<ZF>

TU12. **They're not Jacobi [ya-KO-bi], but a map named after this person is an isomorphism from the degree zero divisor classes of a compact complex curve to its Jacobian [ja-KO-bi-an]. They're not Newton, but the discrete analogue of integration by parts is named after this person. They're not Tauber, but a class of theorem named after this person gives consistency results for summing divergent series. They're not Galois [gal-WA], but the (*) unsolvability of A_5 implies a theorem named after this mathematician and Ruffini; that theorem states that a general quintic does not have a solution in radicals. Finitely generated groups named after this person are classified by their primary decomposition; more generally the groups whose operation is commutative are named after this person. For ten points, name this mathematician, whose namesake Prize is awarded yearly by the King of Norway.**

ANSWER: Niels Henrik Abel [AH-bel]

<MB>

BS12. One of these people is credited with introducing the sounds of reggae to the London punk scene while DJing at the Roxy, and influencing the Clash. For 10 points each, answer some questions on black figures in punk music.

[10] As well as his DJing work, this man worked as a videographer for the Clash, directing the music videos for *London Calling* and *Rock the Casbah*. He also managed the female punk band the Slits when they supported the Clash on the *White Riot* tour.

ANSWER: Donovan "Don" **Letts**

[10] This is the stage name used by Marianne Elliot-Said as the vocalist for the punk band X-Ray Spex. Elliot-Said took the name from the Yellow Pages, saying she was looking for "a name of the time, something plastic".

ANSWER: **Poly Styrene**

[10] Passing away in October 2022, D.H. Peligro was best known for his work as the long-term drummer for this hardcore punk band, best known for the songs *Holiday in Cambodia* and *California Uber Alles*, both written by Jello Biafra.

ANSWER: The **Dead Kennedys**

<RJ>

TU13. **The main character of this story is bumped into by a chimney sweep, who then has rubbish fall on them from a nearby roof. After seeing a poster of a moustached man staring at a woman's bare foot, a character in this work asks "Well those French! What is to be said?". The main character of this story was given his name after his godparents decided to randomly read days off the calendar. The secretaries of this story are unreliable, and a supposed (*) "prominent personage" in this story refuses to help the main character recover the title object. That person is later robbed by the ghost of the main character, who then haunts the bridges of St. Petersburg. For 10 points, name this Nikolai Gogol story about Akakiy Akakievitch's attempts to retrieve the title article of clothing.**

ANSWER: *The **Overcoat*** (or *The **Cloak*** or ***Shinyel***)

<ZF>

BS13. Much like Dave Garda, this figure asked for tribute in the form of gold and dragons to maintain his health. For 10 points each:

[10] One suggestion for this figure's real-world inspiration is Toghrul [TOR-ul], the foster-father of Genghis Khan and leader of the Nestorian Christian Khereid [KHEH-ree-id] clan, although medieval tales more often place this figure's fictional Christian kingdom in Africa.

ANSWER: **Prester John**

[10] Starting in the mid thirteenth century, tales of Prester John began placing his kingdom specifically in this modern-day East African country, which had been Christian since the late Roman era when it was ruled by the Kingdom of Aksum.

ANSWER: **Ethiopia**

[10] Much to the Ethiopians' confusion, Florentine courtiers included "Prester John" in this Ethiopian emperor's list of titles when he sent a delegation to Italy in 1441. Historian Edward Ullendorff called this man the greatest ruler of the Ethiopian Empire, with only Menelik II and Haile Selassie as possible comparators.

ANSWER: **Zara Yaqob** (accept **Kwestantinos I**)

<MR>

TU14. **Events known by this term are in Islam called Al-Malhama Al-Kubra and occur before the rise of the Dajjal. Writing in an essay collection with this name, Gore Vidal referred to Ronald Reagan as a "triumph of the embalmer's art". Wesley So won the first iteration of an event played under this chess ruleset, which states that black (*) wins if the game is drawn. Advertised as featuring**

every character in the series to date, a 2006 *Mortal Kombat* game used this word as its subtitle, as did a 1999 game in the *Worms* series. According to Bruce Rubin, after a producer made notes about Rubin's script for *Deep Impact*, Disney made this film as a counter. For 10 points, the Greek name for a site in Israel lends its name to what apocalyptic battle in Christianity?

ANSWER: **Armageddon** (Prompt on descriptive answers like the end of the world or the apocalypse before "Gore Vidal" is read.)

<RJ>

BS14. This poet asks "Proteus whoever that is, the shepherd of the seals" in one work: For 10 points each: [10] Name this British poet who introduces such characters as tin miners and a dairy worker in a 2002 work that begins at Cranmere Pool in Devon, the poem *Dart*.

ANSWER: Alice **Oswald**

[10] In Oswald's *Memorial* she notes that this mythical figure "died like everyone else" after starting with an eight page list of names. In another poem, this figure fights Ajax the Greater and after defeating him a truce is made to bury the dead.

ANSWER: **Hector**

[10] The title setting *Dart* is one of these features that begins in Dartmoor and ends in Dartmouth. In *Tintern Abbey*, Wordsworth notes the beauty of one of these things called the Wye.

ANSWER: **River**

<ZF>

TU15. **In a novel set in this city, the protagonist contemplates how much black walnut he should use to finish his house, only for it to burn down. Julian West wakes up from a 113 year sleep in this city in Edward Bellamy's *Looking Backward*, and another novel set in this city sees Penelope marry Tom Corey and the title character's paint company go bankrupt; that novel is (*) *The Rise of Silas Lapham*. In a Henry James novel set in this city, Olive Chancellor tries to persuade the chauvinistic Basil Ransome to call off his betrothal to the feminist Verena Tarrant. Quentin Compson drowns himself in a river that runs through Cambridge and this New England city in *The Sound and the Fury*.** For 10 points, name this largest city in Massachusetts.

ANSWER: **Boston**

<ZF>

BS15. Sporting rivalries in Italy can also be known as *stracittadine* [stra-chee-tah-DEE-nuh] if they take place in the same city. For ten points each:

[10] One prominent football *stracittadina* is the Olympic Derby, named after the stadium where it takes place. Name either team that plays in this derby.

ANSWER: **Roma** or **Lazio**

[10] This northern city's football rivals are nearby Parma and Fiorentina, but in basketball this city hosts the derby between Virtus and Fortitudo.

ANSWER: **Bologna**

[10] A historic rivalry in Italy was in the 50s between Fausto Coppi [FOW-sto COP-pee] and Gino Bartali [JEE-noe BART-ah-lee], noted practitioners of this sport.

ANSWER: **Cycling**

<PA>

TU16. **A now-defunct ghost restaurant named after this character was described by founder Nathen Mazri as "entergaging". Toxic amounts of lead and cadmium were found in coffee mugs with an image of this character remarking "it's not a pretty life but somebody has to live it"; those mugs were produced for McDonald's in 1978. Farmer René Morvan directed anti-litter groups to a mostly inaccessible sea cave which used to contain thousands of objects featuring the likeness of this character. Those objects shaped like this character were (*) telephones that periodically washed**

up on a Brittany coastline for thirty years. A short-lived Canadian restaurant named [this character] *Eats* featured pizzas shaped like this character's head as well as this character's favourite food, lasagna. For ten points, cartoonist Jim Davis created what character, a Monday-hating fat orange cat?

ANSWER: **Garfield**

<MB>

BS16. Your bonuses are on Charles the Third. No, not that one. For ten points each:

[10] Charles III of the Carolingian Empire, also called Charles the Fat, was the great-grandson of this more famous Emperor, often (and incorrectly) called the first Holy Roman Emperor.

ANSWER: **Charlemagne** [SHARL-e-mayn] (or **Carolus Magnus**; grudgingly accept **Charles the Great**)

[10] Charles III of Norway and XIV [fourteenth] of Sweden had an illustrious career as one of Napoleon's generals under this birth name, before being unexpectedly named as the Swedish heir.

ANSWER: Jean **Bernadotte**

[10] A would-be Charles III - by which we mean Bonnie Prince Charlie - lived in France briefly after his failed uprising, but was specifically named and exiled in this peace treaty, which ended the War of the Austrian Succession.

ANSWER: Treaty of **Aix-la-Chapelle** (or Treaty of **Aachen**)

<MR>

TU17. **A work from this philosophical school is the source of the quote "your good fortune is not to need good fortune", and is one of the [emphasise this] earliest to address the "problem of evil". One member of this school was the only philosopher allowed to remain in Rome when Vespasian banished all others in 71 AD; this man, Gaius Musonius, is best remembered as the teacher of another member of this school, whose work was compiled into the (*) Enchiridion [en-kai-RID-ee-on]. The concept of "pneuma", or breath of life, was important to this school, and discussed in the *Meditations*. Members of this school were known as "Zenonians", after its founder Zeno of Citium. The Roman emperor Marcus Aurelius was, for 10 points, a member of what philosophical school, whose name evoked the quality of enduring hardship without complaints?**

ANSWER: **Stoicism** (accept **Stoics**; accept **Zenonian** school before "Zenonians" is read out)

<RJ>

BS17. The empty or bare version of this interval is frequently cited as a thing not to use in classical composition, but is common in rock and metal in the guise of the power chord. For ten points each:

[10] This perfect interval is composed of two notes spanning seven semitones and whose frequencies are in the ratio 3:2, or very close to it.

ANSWER: a perfect **fifth**

[10] It is possible to illustrate the twelve chromatic key signatures as a "circle of fifths". However, if the 3:2 frequency ratio between each pitch and the next is strictly maintained, the circle does not perfectly close, leaving a blip in the final interval known as this person's "comma".

ANSWER: **Pythagoras**

Note to reader: Timed question; goes dead if not answered in time

[10] You have ten seconds: a perfect fifth starting on F sharp ends on this note.

ANSWER: **C sharp** or **D flat**

<MR>

TU18. **Nicholas Fox Weber wrote a 2017 book about this person's trip to Orvieto to compare frescoes. While on holiday in the Adirondacks [adi-i-ROn-dax], this individual ate a poorly cooked steak, got colitis and blamed the "savages" of America. While on a train ride to Bosnia, this person kept recalling the names of Boltraffio and Botticelli in an attempt to remember the name of Luca (*) Signorelli, the namesake of a paraphasia they developed. Ernest Jones wrote many English language biographies about this person's troubled marriage to Martha Bernays. This person attempted to protect**

the identity of Sergei Pankejeff [PANK-ay-ev] by calling him the "Wolf Man." This person analyzed Little Hans' fear of horses to define a theory named after a Theban hero. The Oedipus complex was defined by, for 10 points, what Austrian psychoanalyst?

ANSWER: Sigmund **Freud**

<ZF>

BS18. Happily, they're not made from copper. For 10 points each, answer some questions on carbon nanotubes.

[10] Sometimes named after geckos, "nano tape" is made using arrays of carbon nanotubes on a backing of polymer tape. Unlike traditional sticky tape, the adhesion comes from these physical forces, which arise from shifts in electron density.

ANSWER: **Van der Waals** [VAHLS] forces (antiprompt on London dispersion force or Debye force or Keesom force)

[10] Carbon nanotubes have been used since the 17th century as investigations into this type of steel, named after a Middle Eastern city, have shown the presence of nanotubes in its swords, which may explain their legendary strength.

ANSWER: **Damascus** steel (prompt on wootz)

[10] The production of Vantablack involves a "forest" of carbon nanotubes created through this process, that uses a plasma or heat driven reaction to obtain a thin film on a substrate.

ANSWER: Chemical Vapour Deposition

<RJ>

TU19. **This actor starred in *Overdrawn at the Memory Bank* in a role he later said he took to support PBS. In one of his earliest roles, this actor played the handyman Rafael on *Sesame Street*. This actor is not Brazilian, but played Brazilians twice - as Chico Mendes in *The Burning Season* and as Valentine in *Kiss of the Spider Woman*. "Vaya con dios" was added to the ending credits of a movie in which this actor uttered the words (*) "But for me, it was Tuesday". In a 2019 animated film, Oscar Isaac voiced a character that was famously played by this actor in earlier films of 1991 and 1993. For 10 points, which actor played M. Bison in the *Street Fighter* movie and Gomez Addams in *The Addams Family* before passing away in 1994?**

ANSWER: Raul **Julia** y Arcelay

<RJ>

BS19. This religious leader's first teachings are known as the Four Noble Truths, the fourth of which is the Noble Eightfold Path to enlightenment. For 10 points each:

[10] Name this religious teacher of the Indian subcontinent, believed to have achieved nirvana following his death in Kushinagar.

ANSWER: Siddhartha **Gautama Buddha** [accept either underlined part, accept **Tathagata** Buddha]

[10] The first of the Four Noble Truths is the concept of the inherent suffering of material life driven by cravings, generally rendered as this Sanskrit word often translated as "unease".

ANSWER: **dukkha**

[10] According to the Four Noble Truths, *dukkha* is an unavoidable characteristic of existence under this system, the cycle of life, death, and reincarnation.

ANSWER: **samsara**

<EBL>

TU20. **In *Team Fortress 2*, exposure to a metal from this nation makes its natives heavily-muscled, aggressive and bearded, although the only playable character from this nation is none of these. An urban myth about this nation's leader at a fast food chain was spread by the rapper Joyride, but was debunked in 2021. Judith Brett wrote a book about this nation's progression to making voting compulsory, entitled "From Secret Ballot to (*) Democracy Sausage". A gentleman from this nation**

went viral after drinking a VB at "twenty to eight in the...morning", and was nicknamed "Bluey", with his true identity still unknown. An episode of *The Simpsons* set in this nation involves the game of knifey-spoony and Bart making a long-distance call to Tobias Drundridge. For 10 points, England failed to win the Ashes from which nation?

ANSWER: Commonwealth of **Australia**

<ZF>

BS20. Gestalt [gesh-TOLT] psychology can be summed up by the phrase "The whole is more than the sum of its parts". Prove them right by answering these bonuses on the field. For 10 points each:

[10] Gestalt psychology was first described by this thinker in 1910, after experimenting on the phi phenomenon. His other major contribution came in the posthumous book *Productive Thinking*.

ANSWER: Max **Wertheimer** [VERT-hy-mer]

[10] The gestalt school suggests that these things work through the principle of multi-stability, where a person's perception vacillates between two or more interpretations. A famous example of this involves a drawing of a vase and a pair of faces.

ANSWER: **Optical illusion**

[10] One common optical illusion used in gestalt theory is named after Louis Necker, and is in the form of this shape, which can have multiple alignments depending on a person's perception.

ANSWER: **Cube**

<RJ>

Tiebreaker

They are not Japanese, but this person is the focus of the early Natsume Soseki novel *Kairo-ko*. A 1982 DC series transplants this person to fight a corrupt future UN and also aliens in the year 3000, while a 1987 novel by comics writer Peter David imagines this person running for Mayor of New York. Meg Cabot thinly disguised this figure as Will Wagner in a 2005 novel. A 2019 YA novel features alien refugee Ari Helix as the forty-second reincarnation of this person, while this long-dead figure ordered the creation of amnesia-causing mist in Kazuo Ishiguro's *The Buried Giant*. This person is rescued by a troop of knights on bicycles in a novel by Mark Twain. For ten points name this legendary King of the Britons said to have presided over the Round Table.

ANSWER: King **Arthur** [or **Arthur Pendragon**]

<MR>