

OOT 2017

Packet 03 - Ostentatious Hydromancy

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Questions also written by Eric Mukherjee, Thomas De Bock, Isaac Brown.

The last tossup in the last packet should have been: Chimney Sweep

Tossups

1. **This god appears in a tondo of the Arch of Constantine, with their female partner on the other side, and a bust of the emperor on that arch reflects characteristics of this god. The special importance of this god to Aurelian is emphasised on his coins, which call this god the “dominus et deus” of the Roman Empire. Aurelian established games for this god, and raised the priesthood of this deity to the status of pontiffs. Academics generally now reject a claim from a scholiast on Jacob Bar-Salibi that a festival of this god at the (*) winter solstice contributed to the Church Fathers moving the date of Christmas. For 10 points, name this Roman deity, paired in earlier times with Luna.**

ANSWER: Sol Invictus [accept Unconquered Sun; prompt on “Sol”]

2. **One work by this author has chapters narrated by a drawing of a tree, a counterfeit coin, and the colour red. The protagonist of another of his novels is the poet of “The Place Where God Does Not Exist”, and this man’s essays include “How I Got Rid Of Some Of My Books” and “Why Didn’t I Become An Architect?”. Those essays are collected in *Other Colours*. One novel by this author explores the conflict between (*) Persian illustration and European portraiture in 16th century Istanbul, and features the murder of Elegant Effendi and a romance between Black and Shekure. For ten points, name this author of *My Name is Red* and *The Museum of Innocence*, a Turkish Nobel laureate.**

ANSWER: Orhan Pamuk

3. **Joe Clark was the principal of Eastside High school in this city, where he re-established discipline by expelling “parasites” and patrolling hallways with a baseball bat and a megaphone. Clark served as the inspiration for the film *Lean On Me*. Under the aegis of Alexander Hamilton, the Society for Establishing Useful Manufactures laid the groundwork for this city by harnessing the power of Great Falls to develop a textile industry which was subject to a major strike action in 1835 and 1913. This city has the highest proportion of (*) Turkish Americans and after Dearborn, the second highest proportion of Arabian Americans. For 10 points name this subject of a five volume epic poem by Williams Carlos Williams, New Jersey’s “Silk City.”**

ANSWER: Paterson, New Jersey

4. **One philosopher of this name described a fourfold concept of comprehension by gradually closing his hand; that concept is *katalepsis*. The apparent paradox that a thousandth of a grain of millet makes no sound is attributed to a philosopher of this name. Plato’s *Parmenides* is framed as a dialogue between the title character and a philosopher of this name. That philosopher is attributed with several (*) paradoxes of plurality and four paradoxes which include discussions of the motion of an arrow and of Achilles. For 10 points, give this name shared by ancient Greek philosophers from Elea and Citium.**

ANSWER: Zeno (accept Zeno of Elea or Zeno of Citium)

5. **One tortoise in this writer’s oeuvre turns out to actually be a handbag, while a tortoise in another work by this writer has two names, one of which is Lightning. One character in a play by this author of *After Magritte* receives a surprise phone call from his wife Mildred, and that character’s monologues are interrupted by requests for Black Magic chocolates. Other characters created by this author include two (*) Ivanovs, one a Soviet dissident and the other a madman who believes he controls a symphony orchestra, and the theatre critics**

Moon and Birdboot. For ten points, name this playwright of *Every Good Boy Deserves Favour* and *The Real Inspector Hound*.

ANSWER: Tom Stoppard

6. **The first people to land on this feature were William Colbeck, Per Savio and Carsten Borchgrevink. An indentation in this feature was named the Bay of Whales by the captain of the *Nimrod*. This feature was discovered by two ships named *Terror* and *Erebus*, whose captain, for whom it is (*) named, said there was “no more chance of sailing through [this feature] than through the cliffs of Dover.” This feature was formerly known simply as ‘the Barrier’ or ‘the Great Ice Barrier’. Scott and Amundsen both started their journeys to the South Pole by crossing this feature in 1911. For 10 points, name this largest ice shelf on Earth, located in a namesake sea in Antarctica.**

ANSWER: Ross Ice Shelf (prompt on the Great Ice Barrier)

7. **The rate of change of angular frequency with respect to wavenumber is one form of this quantity, another form of which is the four-vector tangent to the World line. Einstein names an addition relationship for this quantity, whose change is proportional to the natural logarithm of initial mass over final mass according to the (*) Tsiolkovsky equation. The second derivative of this quantity with respect to time is jerk, and this quantity is the first derivative with respect to time of displacement. For ten points, name this vector quantity that describes how fast an object is moving in a certain direction.**

ANSWER: Velocity [accept specific forms like group velocity and four-velocity; do not accept or prompt on ‘speed’]

8. **This artist depicted the four evangelists in the corners of the face of a twenty-four hour clock that operates anti-clockwise. This artist depicted multicoloured roundels on the wings of a green dragon bound to a calm, pink-robed woman in his *Saint George and the Dragon*. This artist used blocks of red to highlight figures chasing deer into a dark wood in his *The (*) Hunt in the Forest* just as he had earlier used gold highlights in his depictions of the Battle of San Romano. Noted for his use of exaggerated perspective and with a nickname derived from his early preference for painting birds, for 10 points, name this quattrocento Italian painter.**

ANSWER: Paolo Uccello [Paolo di Dono]

9. **The first of this novel’s three narrators blames the “inveterate drunks”, the English, for bringing in “the fashion of boredom”, yet responds “How boring!” when told an anecdote ending “Yes, they were happy”, having hoped for a tragic ending. That narrator meets this novel’s title figure only once, at an inn, but later acquires and publishes his diaries. One episode in this novel sees (*) Kazbich’s stolen horse exchanged for the Circassian woman Bela, while another tells of the title figure’s duel with his friend Grushnitsky and his seduction of Princess Mary. For ten points, the Byronic soldier Grigory Alexandrovich Pechorin is the title figure of what novel by Mikhail Lermontov?**

ANSWER: A Hero of Our Time [accept Geroi nashego vremeni]

10. **One airport in this country that accommodates flights from Sunair and this country’s national carrier has an active railway line crossing its only runway. This country contains a prefabricated church designed by Shigeru Ban. This country’s northernmost strip includes Ninety Mile Beach, which in reality is only 88 kilometres long. Fiordland National Park, situated in this country’s Southland region, contains (*) Mitre Peak, which overlooks Milford Sound. With a tallest peak at Aoraki / Mount Cook, for 10 points, the North and South Islands make up the most part of which country of the Southern Pacific?**

ANSWER: New Zealand OR Aotearoa

11. **This man founded a Greek league, the Panhellenion that faded into obscurity after his death. This man is credited with introducing cataphracts into the Roman army, although the only notable conflict during this**

man's reign was a revolt which saw the main city of the province renamed Aelia Capitolina. Britannia as a divine personification is first present on coinage issued by this man as part of a series celebrating the provinces he toured for over a decade. This emperor during the (*) Bar Kokhba revolt and extensive tunnels under this man's villa are currently being investigated in Tivoli. For 10 points, name this Roman Emperor most famous for his namesake wall in northern England.

ANSWER: Hadrian or Publius Aelius Hadrianus

12. Boninite is a high-magnesium form of this rock and has low titanium content, whilst the tholeiitic form of this rock is poor in sodium. Highly-vesicular forms of this rock are termed scoria. Like gabbro, this rock has a dominance of pyroxenes and plagioclase, making it mafic, but unlike gabbro, it forms in rapid-cooling, (*) extrusive conditions meaning it has a fine grain size. This rock is the main constituent of oceanic crust and is erupted at mid-ocean ridges, as well as many terrestrial volcanoes. For ten points, name this igneous rock contrasted with granite that makes up the columns of the Giant's Causeway.

ANSWER: Basalt [prompt on "igneous rock" or "mafic rock" before mention]

13. One character in this work is said to have never once used "contact" as a transitive verb, and another is enraged by the band name "The Smoothies". The protagonist of this novel meets three men with the pseudonyms Ailey, Bailey and Cailey, and witnesses a fight between Communists, Jeffersonian Party activists and Minute Men before visiting a rally at (*) Madison Square Gardens, two days before Walt Trowbridge loses the election of 1936. That protagonist, newspaper editor Doremus Jessup, is sent to a concentration camp for criticising Military Judge Swan. For ten points, Berzelius 'Buzz' Windrip becomes America's fascist dictator in what 1935 novel by Sinclair Lewis?

ANSWER: It Can't Happen Here

14. A booklet published by Isaac Spratt in 1860 contains the first known mention of this sport, although no copy of it survives. This sport's World Federation's Headquarters were based in Cheltenham until moving to Kuala Lumpur in 2005. An early version of this sport was named after the Indian city of Pune [poon-a], where the first codified rules for it were drawn up in 1873. Chris Langridge and Marcus Ellis won a bronze medal in this sport at the Rio Olympics, while women's silver medalist P.V. Sindhu has become one of India's most popular sportspeople for her successes in this sport. This (*) racquet sport is named after a property belonging to the Duke of Beaufort in Gloucestershire. For 10 points, name this sport played with shuttlecocks.

ANSWER: Badminton

15. One composer from this country used a Brahms-inspired *Lamento* motif in his horn trio, meant to represent a third way that was neither modern or postmodern. That composer from this country used two string ensembles tuned a quarter note apart in his *Ramifications*. Another composer from this country was a noted proponent of an ABCBA "arch form" which lent symmetry to his 4th and 5th string quartets. (*) Micropolyphony and night music were two styles employed by composers from this country. The latter of those composers names a type of forceful pizzicato and wrote *Music for Percussion, Strings and Celesta*. For 10 points, name this country home to Gyorgi Ligeti and Bela Bartok.

ANSWER: Hungary

16. While in this city future Pope Pius II, wrote the novel *The Tale of Two Lovers* based on the amorous adventures of his friend Caspar Schlick. In 1848, a revolutionary mob lynched Count Latour in this city. Friedrich Torberg served as a witness in a dispute in this city between the Demel patisserie and the Sacher hotel. One mayor of this city said 'I decide who is a Jew.' That man was Karl Lueger. In 1858, the walls of this city, home to the world's oldest zoo, were razed to form the (*) Ringstrasse. This city's Central Cemetery

has a population almost double that of its living population and is home to the graves of Kurt Waldheim and Falco. For 10 points, name this city, the capital of Austria.

ANSWER: Vienna

17. **The brachial arteries of these animals unusually split into up to five branches, each of which is associated with a vein to form a countercurrent heat exchanger. That is this order's humeral plexus. The largest species to possess supraorbital glands, which remove salt from the bloodstream, is one of these animals. The most antisocial example of these species unusually does not nest in sight of other individuals and is endangered (*)** Yellow-Eyed species native to New Zealand. These animals conserve energy by moving on land by tobogganing. For 10 points, name this group of aquatic, flightless birds whose species include the Macaroni, King and Emperor.

ANSWER: Penguins [accept Spheniscidae or Sphenisciformes before mention]

18. **Accounts disagree on whether one instance of this happened to the inventor of wine or the inventor of the plough, while another instance of this happened to a crow after Apollo cursed it with a sore throat. It's not petrification, but Zeus caused this to happen to resolve a paradox after Cephalus set (*)** Laelaps, a dog that always caught its prey, on the Teumessian Fox, who could never be caught, and this happened to both the mother and father of Andromeda. This process happened to the steed of Bellerophon, Pegasus and Zeus rewarded both the Discouri after Castor's death with this. For ten points, name this transformation that the Greek gods caused unto, among others, Perseus, Cassiopeia and Orion.

ANSWER: Being turned into constellations (accept catasterism or clear-knowledge equivalents, accept 'being cast into the stars')

19. **The parallel solvent and nucleophilic pathways describe substitution reactions for molecules with this geometry. Sigma donors and pi acceptors labilise ligands opposite them in the trans effect, which is seen most clearly in this geometry. The d orbitals are split into 4 levels, with the d z squared orbital highest in energy in this geometry, which is most common for (*)** d 8 metals with 16 valence electrons. Compounds such as Vaska's complex, Wilkinson's catalyst and the chemotherapy drug cisplatin adopt this geometry. For 10 points, name this molecular geometry in which four atoms are arranged at 90 degrees to each other in the same plane as the central atom.

ANSWER: Square Planar

20. **This object allows its bearers to pass through the chambers of fire and water, presided over by the Men in Armour. Just before acquiring this object, its owner falls in love with a woman whose picture he is shown by three mysterious ladies. This object has the power to change sorrow into joy, as well as summoning wild animals, who then dance. (*)** Three spirits in the form of children bring this object to its owner whereupon Pamina, appears. Along with some bells for Papageno, this object is given to Pamino by the Queen of the Night. For 10 points, name this enchanted instrument that titles a comic opera by Wolfgang Amadeus Mozart.

ANSWER: the magic flute [or die Zauberflöte, prompt on partial answers]

Tiebreaker

21. This person composed the song known as '*Ja nus hons pris*'. The last words spoken to this person by their father were 'God grant that I may not die until I have my revenge on you.' This person began the construction of Chateau Gaillard and was killed by Peter Basilius at the siege of Châlus-Chabrol. This person was imprisoned by Leopold V of Babenberg, having to pay over 100,000 marks to Emperor Henry VI for their release. This person was the first north of the Alps to take the cross in preparation for the Third Crusade. Despite popular myth, this person never met

Saladin, supposedly their great rival. For ten points, name this Plantagenet king of England, popularly known as the Lionheart.

ANSWER: **Richard I** [prompt on “Richard”; accept **Richard Cœur de Lion**; accept **Richard the Lionheart** before mention]

Bonuses

1. The negative gradient of this quantity is the electric field. For 10 points each:

[10] Name this quantity which Ohm’s law states is equal to current times resistance.

ANSWER: **Voltage** [accept **Potential Difference** or **Electric Potential**]

[10] The current method of measuring a standard volt makes use of this effect named after a British physicist, in which Cooper pairs tunnel across a thin insulating layer between two superconductors.

ANSWER: **Josephson** Effect

[10] Josephson junctions are also used in these devices, which serve as very sensitive magnetometers.

ANSWER: **SQUID**s [accept **Superconducting Quantum interference device**]

2. For 10 points each, answer some questions on British prehistoric monuments:

[10] This monument on Salisbury Plain is perhaps the most famous megalithic circle in the world, attracting a host of hippy types and latter-day druids every summer solstice.

ANSWER: **Stonehenge**

[10] This village on Orkney is probably the best-preserved Neolithic settlement globally, though it is now threatened by rising sea-level and coastal erosion. It provided the earliest known European evidence of the Human Flea.

ANSWER: **Skara Brae**

[10] This site in Norfolk, a Neolithic flint mine, one of whose shafts can still be descended, was primarily created using picks made from the left antlers of Red Deer.

ANSWER: **Grimes Graves**

3. “There are two things scarce matched in the Universe: the Sun in Heaven and the Thames on Earth.” For ten points each, answer some questions on the River Thames in poetry.

[10] This poet writes in “Remembrance of Collins” that in the Thames’s waters “may be seen / The image of a poet’s heart”.

ANSWER: William **Wordsworth**

[10] This poem by Wordsworth describes how the Thames “glideth at his own sweet will”, and how “Earth has not anything to show more fair” than London viewed from the poem’s title landmark.

ANSWER: “Composed upon **Westminster Bridge**, September 3, 1802”

[10] Not everyone shared Wordsworth’s views. In one poem, this poet claimed to see “in every face I meet / Marks of weakness, marks of woe” when wandering “near where the chartered Thames doth flow”.

ANSWER: William **Blake**

4. Peter Paul Rubens worked as a diplomat during this conflict, carrying messages between Maurice of Orange and Isabella Clara Eugenia. For 10 points each,

[10] Name this lengthy conflict, interrupted by the Twelve Year Truce, that ended with the Spanish Empire recognizing the independence of the Dutch Republic through the Peace of Münster.

ANSWER: **Eighty Years’ War** [or **Tachtigjarige Oorlog** or **Guerra de los Ochenta Años**, prompt on “Dutch War of Independence” or “Thirty Years’ War”]

[10] During the war, Spain embargoed supplies of salt, doing serious damage to the trade in this foodstuff, a staple of the Dutch economy.

ANSWER: salt **herring**

[10] The embargo cut both ways, as the end of Dutch grain imports caused famine in this Habsburg city, the second largest in Europe, which declared itself an independent republic in 1647 but was soon crushed by the Spanish viceroy.

ANSWER: **Naples** [or **Napoli**]

5. One allotrope of this element contains 60 atoms in the shape of a truncated icosahedron. For ten points each:

[10] Name this element whose allotropes include graphite and buckminsterfullerene.

ANSWER: **Carbon**

[10] By performing this action to buckminsterfullerene with Potassium atoms it can be turned into a superconductor below 18 Kelvin. This action is defined as the reversible insertion of molecules into a crystalline or layered structure.

ANSWER: **Intercalation**

[10] This other form of carbon has a large number of small pores making it very efficient at adsorption and thus a good heterogeneous catalyst.

ANSWER: **Activated Carbon** (accept **Activated Charcoal**)

6. This city was a minor fishing village before its selection as its country's capital city upon its 1960 independence, for 10 points each:

[10] This city was selected for its position between Nouadhibou and Saint-Louis. Originally planned for 15,000 residents, it is now home to nearly a million people, and is one of the largest cities in the Sahara desert.

ANSWER: **Nouakchott**

[10] Nouakchott is the capital of this West African country. This country's current President Mohamed Ould Abdel Aziz recently failed to convince the president of the nearby Gambia to step down after losing a 2016 election.

ANSWER: **Mauritania**

[10] 4 to 17% of Mauritania's population is estimated to be in this condition, which remains widespread due to a lack of policing.

ANSWER: **slavery** (accept word forms)

7. This Zen priest's most notable work is his distinctive "Long Landscape Scroll" and he used a ridiculous name pseudonym which means "snow boat". For 10 points each:

[10] Identify this Muromachi period artist who created several folding screens with birds and flowers. This student of Shubun is often considered the greatest Japanese painter of all time.

ANSWER: Toyo **Sesshu**

[10] Most of Sesshu's paintings were done in this medium, which uses the same materials as Asian calligraphy, whose *haboku* style with layers of black, white and grey, and *hatsuboku* style with large indistinct splashes he both helped to popularize.

ANSWER: **ink** wash painting (accept **literati** painting or **sumi-e**)

[10] Sesshu also painted a stock devotional scene of Huike offering one of these body part to Bodhidharma. The title figure dissects this body part in Rembrandt's *The Anatomy Lesson of Dr. Nicolaes Tulp*.

ANSWER: **arm**

8. This pathogen is named for the forest in Uganda from where it is thought to originate. For 10 points each:

[10] Name this pathogen which is now known to be a particular risk to pregnant women due to its association with foetal microcephaly.

ANSWER: **Zika** Virus

[10] Boceprevir and Telaprevir are two drugs that now mean that cure from this virus is possible, although no vaccine yet exists. Like Zika, it is a positive-sense single stranded RNA virus in the flavivirus family.

ANSWER: **Hepatitis C**

[10] This system classifies viruses by their genome composition and their method of replication. Its namesake discovered reverse transcriptase independently of Howard Temin, a result for which they both won the Nobel Prize.
ANSWER: **Baltimore** classification

9. There are lots of stars in the Universe. Some of them are distinctly odd. For ten points each, answer some questions on different kinds of stars.

[10] This very rare class of stars, one up from a supergiant, exhibits very high rates of mass loss by stellar wind and very high luminosities. Examples of this class include VY Canis Majoris and Eta Carinae.

ANSWER: **Hypergiant**

[10] This other class of massive, highly-luminous and very hot stars is defined by its unusual surface emission spectra showing highly-ionised helium, carbon and nitrogen lines. The class is doubly eponymous, taking its name from two French astronomers.

ANSWER: **Wolf-Rayet** stars

[10] Both Hypergiants and Wolf-Rayet stars are found off of this band on a Hertzsprung-Russell diagram. G-class stars like the Sun sit on this band, as do the majority of all stars.

ANSWER: **Main Sequence**

10. In one poem, this man describes the end of the American Civil War with the line “The ship has weather’d every rack, the prize we sought is won.” For ten points each:

[10] Name this poet, who first included “O Captain! My Captain!”, an elegy for Abraham Lincoln, in the fourth edition of his collection *Leaves of Grass*.

ANSWER: Walter “Walt” **Whitman**

[10] Whitman also wrote this other elegy for Lincoln, which describes how the narrator “shall mourn with ever-returning spring” and repeatedly refers to Lincoln as “him I love”.

ANSWER: **“When Lilacs Last In The Dooryard Bloom’d”**

[10] This other poem Whitman does “A reminiscence sing” as he does “fuse the song of my dusky demon and brother/ That he sang to me in the moonlight on Paumanok’s gray beach”

ANSWER: **“Out of the cradle endlessly rocking,”**

11. Several commentators compared Shia LaBeouf’s performance #IAMSORRY to this artist’s work. For 10 points each:

[10] Name this Serbian performance artist, whose works include *The Artist Is Present*, in which visitors queued to sit opposite her in silence.

ANSWER: Marina **Abramović**

[10] Abramović performed several works with this name, including offering audience members cake, paint, and 72 other objects to use on her. Charlie Parker and Dizzie Gillespie’s “Anthropology” is based on the George Gershwin song is “I got [this].”

ANSWER: **rhythm**

[10] In 2005, Abramović re-enacted this artist’s performance *How to Explain Pictures to a Dead Hare*. A live coyote was involved in this artist’s 1974 ‘Action’ *I Like America And America Likes Me*.

ANSWER: Joseph **Beuys**

12. Ancient Egyptians would frequently refer to themselves as “cattle of [this deity]” who had a cult centre at Heliopolis. For 10 points each:

[10] Name this deity, occasionally syncretised with Atum and frequently depicted with the head of a falcon. He was said to represent the noon-day sun.

ANSWER: **Ra**

[10] This deity whose cult centre was Memphis, was typically depicted holding a staff representing the *was*, *ankh* and *djed*.

ANSWER: **Ptah**

[10] In different aspects this deity was the representative on earth for both Ptah and Osiris. This bovine deity was buried in a special complex at Saqqara, and was sometimes depicted with his mother Hathor's sun disk.

ANSWER: **Apis**

13. This paper argues that while citizens of Nazi Germany could have behaved heroically and defied the regime, theirs was not a situation which people of all countries had to face. For 10 points each:

[10] Name this paper which argues that "The same degree of culpability or estimability in intention, motive, or concern is compatible with a wide range of judgments, positive or negative, depending on what happened beyond the point of decision."

ANSWER: "**Moral Luck**"

[10] That paper, entitled "Moral Luck", was written by this American philosopher and author of "What Is It Like to Be a Bat" who formulated the idea of moral luck together with Bernard Williams.

ANSWER: Thomas **Nagel**

[10] Williams is also known for his critique of this school of moral philosophy, whose followers he described as "often immensely conscientious people, who work for humanity and give up meat for the sake of the animals", a fitting description for adherents such as Peter Singer.

ANSWER: **utilitarianism**

14. The A-S-C-H cryptogram features heavily in this collection of pieces. For 10 points each:

[10] Name this set of pieces for solo piano. Individual sections are titled for commedia dell'arte characters and contemporaries of the composer such as Chopin and Paganini.

ANSWER: **Carnaval**

[10] Carnaval was written by this German composer of the *Rhenish* and *Spring* symphonies

ANSWER: Robert **Schumann**

[10] In *Nordisches Lied* from his *Album for the Young*, Schumann employed another four note cryptogram which spelled the surname of this Danish composer. This composer wrote the overture *Echoes of Ossian*.

ANSWER: Niels **Gade**

15. The latter portion of the novel this protagonist appears in comprises his posthumous writings, including a story about a failed rain-maker who shares his surname. For ten points each:

[10] Name this character, whose fictional works include *The Three Lives* and the poem "Stages", which he had originally titled "Transcend!" and which inspires him to resign his office and become Tito's tutor.

ANSWER: **Joseph Knecht** [accept either underlined part]

[10] Joseph Knecht dies shortly after resigning from this office on the Board of Educators, one of the most prestigious titles in the kingdom of Castalia. He succeeded Thomas von der Trave in this office.

ANSWER: **Magister Ludi** [prompt on **Magister**]

[10] The title of Magister Ludi is given to the chief administrator of the cross-disciplinary intellectual activity, often compared to quizbowl, which titles this 1943 Herman Hesse novel, in which it appears.

ANSWER: *The **Glass Bead Game*** [or *Das **Glasperlenspiel***]

16. Answer these questions about crude oil. For ten points each:

[10] This term describes oils with high sulphur contents, such as Dubai crude. They tend to be more expensive than low sulphur content crude oils.

ANSWER: **Sour**

[10] The benchmark oil for North America is named for the West of this U.S. state where a 1901 strike at Spindletop started an oil boom in the first half of the twentieth century and led to fivefold increase in the size of towns like Houston.

ANSWER: **Texas**

[10] Most European, African and Middle Eastern oil is priced relative to this crude oil benchmark, named after a North Sea oil platform and thus indirectly after a type of goose.

ANSWER: **Brent** crude (accept **Brent Blend**)

17. In Sweden and Finland, the period from 1718 to 1772 is known as the “Age of Liberty,” characterized by increased parliamentary power and widened suffrage. For 10 points each:

[10] The “Age of Liberty” is held to have begun in 1718 with the death of this monarch. Though a skilled soldier, this man lost the disastrous Battle of Poltava and was killed during the Siege of Fredriksten.

ANSWER: **Charles XII** [accept **Karl XII**]

[10] A few years after Charles’s death, the Great Northern War was brought to an end with the signing of this treaty between Sweden and Russia, which dismantled both Sweden’s empire abroad and its absolute monarchy at home.

ANSWER: Treaty of **Nystad**

[10] The “Age of Liberty” came to an end, as all good things must, with the “self-coup” of this rather dashing king, an “Enlightened Despot” who founded the Swedish Academy and legalized Catholicism in his realm.

ANSWER: **Gustav III** [prompt on “Gustav”]

18. These creatures appear alongside a quirky dog, a motting man, and a nizz who owns a hat. For 10 points each:

[10] Name these small, blue, bird-like creatures, whose name children can successfully pluralise even though they have never encountered their name before. They were created for the 1958 paper “The Child’s Learning of English Morphology”.

ANSWER: **Wugs**

[10] As well as creating the Wugs, Jean Berko showed that children could recognize phonemes before they could pronounce them in an experiment asking a child about an inflatable one of these animals. People have highlighted the inconsistency of english spelling by showing how this word could be spelt “ghoti” based on the pronunciation of “enough”, “women” and “nation.”

ANSWER: **fish**

[10] The 'z' sound at the end of 'wugs' is one of several ways of pronouncing the plural ending in English. These are known as allomorphs, which are multiple phonological variants of the same one of these.

ANSWER: **morpheme**

19. This fighting force’s Charles Anthony Brigade was instrumental in their victory at the Second Battle of Elephant Pass. For 10 points each:

[10] The Sri Lankan Civil War was waged between the Sri Lankan government and this terrorist organisation which sought to set up an independent nation in the North and East of Sri Lanka.

ANSWER: **Tamil Tigers** or **Liberation Tigers of Tamil-Eelam** (accept **LTTE** or **Tamilīla vitutalaip pulikal** or **Dhemala ilām vimukthi koti**)

[10] In 1993, this third President of Sri Lanka was killed by the Tamil Tigers. He had previously given arms to them to help them rid Sri Lanka of the Indian Peace Keeping Force, but this proved counter-productive.

Answer: Ranasinghe **Premadasa**

[10] The Tamil Tigers were defeated in 2009 under the leadership of this President of Sri Lanka who suffered a shock defeat in the 2015 presidential election to Maithripala Sirisena.

ANSWER: Mahinda **Rajapaksa**

20. One play by this man ends with the title character, already drunk, going off to drink with Simo, and refusing to invite the audience along. For 10 points each:

[10] Name this playwright, whose works include *The Weevil*, *The One With The Asses*, and *The Pot of Gold*.

ANSWER: Titus Maccius **Plautus**

[10] Plautus also wrote this play, whose title describes its central character, a stock character of the alazon type, Pyrgopolynices. His retinue includes Artotrogus, who constantly flatters him, and several slaves carrying his enormous shield.

ANSWER: *Miles Gloriosus* [or *The Swaggering Soldier* or *The Vainglorious Soldier* or *The Braggart Soldier*, or other reasonable translations mentioning a soldier who brags]

[10] Like Plautus, this other Roman comic playwright drew on Attic comedy for plays like *Phormio*, *The Brothers*, and *Hecyra*, or *The Mother-In-Law*.

ANSWER: Terence [accept Publius Terentius Afer]