

British Novice 2018

Edited by Evan Lynch, Joseph Krol, Alex Peplow, Frances Clark-Murray, Ben Beardsley, Tom Hill, Thomas De Bock, Leonie Woodland, Yanbo Yin, and Jacob Robertson

Questions written by Niall Jones, George Charlson, Laura Cooper, Ewan MacAulay, Daoud Jackson, Ellie Warner, Barney Pite, James Bezer, Richard Freeland, Dan Arribas, Oliver Clarke, George Braid, Caspar Paton, Claire Jones, Elia Cugini, Chris Stern, Vitalijs Brejevs, Richard Brooks, Julian Sutcliffe, Elisabeth Le Maistre, and Joe Crowther

Packet 04

Tossups

1. The sperm of members of this non-cladistic group of animals is commonly used as a blocking agent for Western blots. Vertebrate development is often studied using the transparent embryos of *D. rerio*, a member of this group. Yeast can be cleared from beer by treating it with isinglass, a form of collagen extracted from these animals. One of these animals nicknamed a “living fossil” was discovered after being thought to be extinct for millions of years; that is the coelacanth. For 10 points, name these animals such as groupers and salmon.

ANSWER: **fish** [accept zebra**fish**]

2. An incident in this novella in which the protagonist’s father wishes they would leave of their own accord has been cited as an example of the author’s father complex. Translators of this novella debate the exact meaning of the original word ‘Ungeziefer’. This novella opens with the protagonist ‘waking up from uneasy dreams’; that protagonist loses his job as a travelling salesman and dies after an apple is thrown at his back. For 10 points, name this novella in which Gregor Samsa turns into a ‘monstrous vermin’, a work by Franz Kafka.

ANSWER: *The **Metamorphosis*** [or *Die **Verwandlung***] <JK>

3. This city’s location was said to have been based on a prophecy that it would be founded where an eagle was seen eating a snake on a cactus. Ahuizotl expanded this city and rebuilt its Templo Mayor, which was the site of a major massacre carried out by Pedro de Alvarado. This city, located next to the altepetl of Tlatelolco was situated on an island in Lake Texcoco. Following La Noche Triste, Hernan Cortes fled this city. For 10 points, name this capital of the emperors Cuauhtemoc and Montezuma, the capital city of the Aztecs.

ANSWER: **Tenochtitlan** [accept **Mexico City** before “Templo Mayor”] <DJ>

4. In one song by this composer, ostinato triplets in the accompaniment represent a galloping horse, whilst the vocalist portrays four characters including a narrator, a father and son, and the title supernatural being. In addition to *Der Erlkönig*, this composer used other Goethe poems as the bases for some of his many lieder. The entr’acte to this composer’s *Rosamunde* is sometimes considered the finale to his two-movement symphony in B minor. For 10 points, name this composer of *Death and the Maiden*, *Winterreise*, and the “Unfinished” Symphony.

ANSWER: Franz **Schubert** <GB>

5. It’s not Bristol, but three quarters of all slave ships taking part in the Atlantic Trade departed from this city; a result of this city’s maritime history was ethnic diversity, including the oldest Chinese and Black-African communities in Europe. This city’s Chinatown contains a notable *paifang*. This city’s Anglican cathedral is the largest complete Anglican cathedral in the world, and its Catholic cathedral, colloquially known as Paddy’s WigWam, caters to this city’s large Irish population. For 10 points, name this English city, in which two Premier League football clubs play on either side of Stanley Park, and is the home of the Beatles.

ANSWER: **Liverpool** <BP>

6. A speaker in a poem in this language describes themselves as 'stained with sins, / wounded with guilts'. Another speaker in that poem describes how they were wrapped in gold and silver after being buried in the ground; that speaker is 'the best of wood'. The title character of another work in this language finds that their sword, Hrunting, has no effect against a lake-dwelling monster. That monster is the mother of Grendel, who had terrorised Hrothgar. For 10 points, identify this language, in which the word 'Hwaet!' begins both *The Dream of the Rood* and *Beowulf*.

ANSWER: **Old English** [accept **Anglo-Saxon**; prompt on **English**] <AP>

7. One faction in this party, the '79 Group', inspired many of this same party's 'gradualist' members like John Swinney. A memo stating that this party's leader would "rather see David Cameron remain as PM" was leaked in 2015 by Alistair Carmichael. This party is led in the House of Commons by Ian Blackford. This party, now supported in a minority government by the Greens, won 56 of 59 seats in its country in the 2015 General Election, a year after advocating for a 'yes' vote in an independence referendum. For 10 points, name this regionalist party led by Nicola Sturgeon.

ANSWER: **Scottish National Party** [or **SNP**] <JK>

8. In one novel by this author, passengers on a cruise swim in a river filled with the corpses of victims of 'accidental drowning'. That work begins with the suicide of a chess-playing photographer, Jeremiah de Saint-Amour. One character in another novel by this author has 17 illegitimate sons, all of whom share his name. That character created by this author recalls 'when his father took him to discover ice' while he stands before a firing squad. This author created José Arcadio Buendía, the founder of Macondo. For 10 points, name this Colombian author of magical realist novels such as *Love in the Time of Cholera*.

ANSWER: Gabriel **García Márquez** [prompt on "**Marquez**"] <AP>

9. PCC is a common lab reagent used primarily to oxidise these compounds. These weakly acidic compounds react with strong bases to form alkoxides. Reacting the primary form of these compounds with potassium dichromate while distilling produces aldehydes and these compounds can be formed by the hydration of alkenes in the presence of sulphuric acid. Compounds in which this functional group is not the highest priority are prefixed by "hydroxy-". For 10 points, name this family of compounds, of which the most famous is found in drinks like beer.

ANSWER: **alcohol** [accept **hydroxyl**] <LW>

10. Boniface of Montferrat replaced Theobald of Champagne as the leader of one side in this conflict, which originally planned to attack Cairo. Empires based in Nicaea, Epirus, and Trebizond emerged as a result of this conflict, which Simon de Montfort abandoned after its leaders sought to capture the city of Zara. The Latin Empire first ruled by Baldwin of Flanders was set up after this conflict was diverted by Enrico Dandolo, the blind doge of Venice. Called by Innocent III, for 10 points, which Crusade ended up sacking Constantinople in 1204 instead of recapturing Jerusalem?

ANSWER: **Fourth Crusade** <AP>

11. This novel's frame story implies that it was transcribed from tapes found in a locker in Bangor, Maine; that epilogue consists of a sexist lecture on the novel's protagonist by Cambridge professor James Pieixoto. This novel's protagonist, who finds the mock-Latin message "don't let the bastards grind you down", is assisted by the Mayday resistance. This novel's protagonist must serve Serena Joy and the Commander by bearing their children in the Republic of Gilead. Centring on Offred, for 10 points, name this dystopian feminist novel by Margaret Atwood.

ANSWER: The **Handmaid's Tale** <JK>

12. In the first letter attributed to this person, they tell their addressees that they are 'a royal priesthood, a holy nation, a peculiar people'. Jesus tells this person that they must forgive someone who sins against them "Until seventy times seven" times. In the Gospel of Mark, this person is rebuked as 'Satan' shortly after recognising Jesus as the Messiah, while all four Gospels portray this person denying knowledge of Jesus three times. Often depicted holding a pair of keys, for 10 points, name this 'Rock' of the Church, held to have been the first bishop of Rome.

ANSWER: Simon **Peter** [or **Cephas**; prompt on Simon alone] <AP>

13. In a Ricardian equivalence model, government spending results in a reduction in consumption because a representative consumer expects a change in this variable in the future. John Maynard Keynes argued that the multiplier on this quantity is always smaller than the multiplier on G. Arthur Laffer claimed that the relationship between this variable and its namesake rate is an upside-down U shape. A government's fiscal policy tools largely comprises spending and this variable. For 10 points, name this economic variable, an example of which is "value added" to goods and services.

ANSWER: **tax** take [accept **government revenue** or **tax** revenue or **T**]

14. In 2003, this driver broke a 44-year-old record set by Bruce McLaren when he won the Hungarian Grand Prix. That record was broken in 2009 when Sebastian Vettel became the youngest F1 race winner ever. Besides F1, this man has competed in the Indianapolis 500 and won the 2018 24 Hours of Le Mans. This driver had previously driven for Minardi, Ferrari and McLaren as the first teammate of Lewis Hamilton. For 10 points, name this 2005 and 2006 World Champion for Renault, a Spanish F1 driver.

ANSWER: Fernando **Alonso** Diaz <TDB>

15. A painting of this man hangs in the background of Millais' *The Black Brunswicker*. This man is shown despondent in a snowy landscape in a realist painting by Delaroche. A clock reading 4:13am shows that this man has been writing all night in a painting showing him in his study; the same artist also depicted him crowning his wife. Idealised depictions of this man include an ironically-named colossus of him as the god Mars, and one at the St Bernard Pass, painted by David, showing this leader *Crossing the Alps*. Often depicted with one hand in his pocket, for 10 points, name this French emperor.

ANSWER: **Napoleon Bonaparte** [accept either part] <JK>

16. On an album titled for one of these objects, the second part of one song opens with the warbled 'I love you Jesus Christ'; that album repeatedly references body deformations on songs like 'Two Headed Boy' and is the best-known work by Neutral Milk Hotel. A song titled for a diminutive kind of this vehicle contains sounds of gunfire and cash registers rhythmically opening. In a John Denver song, 'my bags are packed / I'm ready to go' before 'leaving on' one of these vehicles. For 10 points, what kind of vehicle is referenced by Paul McCartney's song *Jet*?

ANSWER: Aerop**l**anes or **jets** before mention [or *In the Aerop**l**ane Over the Sea* or "Paper **P**lanes"] <JK>

17. A leader of this ethnic group was the illegitimate son of Senzangakhona and was assassinated by his half-brothers Dingane and Mhlangana. That leader of this ethnic group was credited with many military reforms, which included organising troops known as the "impi" into the "Bull horn" formation. The British Empire fought a namesake war against this ethnic group in 1879, during which the battles of Isandlwana and Rorke's Drift took place. For 10 points, name this ethnic group of Southern Africa, whose most influential monarch was Shaka.

ANSWER: **Zulu** [accept **AmaZulu**; do not prompt on "Bantu"] <FL>

18. This ruler attempted to divorce his wife through the Pains and Penalties Bill, but it was so controversial that the Prime Minister, Lord Liverpool, withdrew the bill. This ruler quarrelled with the preeminent dandy Beau Brummel, after Brummel quipped "who's your fat friend?" on this man's arrival at a ball. This man said "I am not well; pray get me a glass of brandy" on first seeing his future wife,

Caroline of Brunswick. This man commissioned John Nash to design the Brighton Pavillion. For 10 points name this king of Great Britain, who ruled in place of his porphyria-afflicted father with the same regnal name for decades.

ANSWER: **George IV** [accept **Prince Regent**, prompt on “George” or “Prinnie”] <OSC>

19. The words ‘Q: And babies? A: And babies’ are superimposed over one photograph from this war in a piece by the Art Workers Coalition. During this war, objects that remind him of Martha are discarded by Jimmy Cross in the story collection *The Things They Carried*. The character Lieutenant Dan Taylor loses his legs in this war, but is saved by Forrest Gump, and this war provides the setting for *Platoon* and *Full Metal Jacket*. For 10 points, name this war, in which the US tried to stave off Communism in cities like Saigon.

ANSWER: **Vietnam** War <JK>

20. This body contains web-shaped geological structures of concentric ovals, known as arachnoids. Ishtar Terra, a highland region of this body, contains this body’s highest point, Maxwell Montes. The surface of this body was mapped by the Magellan probe, while, in 1610, Galileo was the first to observe this body’s phases. This body’s atmosphere is over 96% carbon dioxide, and has clouds mostly made of sulphuric acid. With a mean surface temperature of over 460°C, for 10 points, name this second planet from the Sun.

ANSWER: **Venus** <AP>

Bonuses

1. The earliest extant work of English historiography is an anonymous hagiography of one abbot of this monastery. For 10 points each:

[10] Name this Northumbrian monastery founded on an island by St Aidan, known for its namesake elaborately decorated set of Gospels.

ANSWER: **Lindisfarne** Priory

[10] The monastery at Lindisfarne was attacked in 793 in what is traditionally regarded as the first major raid by these people from Scandinavia. Within 80 years, they controlled more than half of England as the Danelaw.

ANSWER: **Vikings**

[10] That anonymous hagiography was of this eider-duck-loving abbot of Lindisfarne, whose body eventually ended up in Durham after the abandonment of the monastery in 875, becoming its patron saint, and the spiritual defender of the region against the Scots.

ANSWER: Saint **Cuthbert** <AP>

2. This region of Italy contains the Sorrentine Peninsula, from which limoncello originated. For 10 points each:

[10] Name this region of Italy, whose city of Benevento was almost wholly destroyed in a severe earthquake of 1688.

ANSWER: **Campania**

[10] Campania is one of the regions of Italy in which the production of this soft cheese is protected by EU law. Traditionally made from the milk of water buffalo, it is typically preserved in brine.

ANSWER: **mozzarella**

[10] Campania is also home to this volcano, which looms over Naples. This volcano last erupted in 1944, but is best known for its 76 CE eruption which destroyed Herculaneum and Pompeii.

ANSWER: Mount **Vesuvius** [or Monte **Vesuvio**] <AP>

3. During this film, General Ripper tells Group Captain Mandrake about his belief in a Soviet plot aiming at polluting the 'precious bodily fluids' of Americans. For 10 points each:

[10] Name this film, in which Peter Sellers plays Mandrake, US President Muffley, and the wheelchair-bound title character, a crazed former Nazi scientist.

ANSWER: **Dr. Strangelove** or: *How I Learned to Stop Worrying and Love the Bomb*

[10] *Dr. Strangelove* is a film by this director, whose later works include the psychological horror *The Shining* and the epic *2001: A Space Odyssey*.

ANSWER: Stanley **Kubrick**

[10] In *Dr. Strangelove*, Sellers was also originally meant to play this character, but sprained his ankle before filming. This character is last seen riding a nuclear bomb towards the target location.

ANSWER: Major T. J. "King" **Kong** <AP>

4. The Sacsayhuamán citadel, whose name may be derived from the Quechua for falcon, is located on its northern outskirts. For 10 points each:

[10] This city is home to the Coricancha sun temple, and was divided into the *urin* and *hanan* sectors. While its peoples' legend states that it was built by Sapa Pachacuti, archaeological evidence suggests a more gradual development before his reign.

ANSWER: **Cusco** [or **Cuzco**, or **Qusqu**, or **Qosqo**]

[10] From the 13th to the 16th century, Cusco was the administrative, political and military centre of this empire. This empire incorporated a large portion of western South America between 1438 to 1533 through conquest and peaceful assimilation.

ANSWER: **Inca** [or **Tawantinsuyu**]

[10] The Inca empire came to an end when this man conquered Peru in 1532. This Spaniard captured and eventually killed the Incan emperor Atahualpa after defeating him at the battle of Cajamarca.

ANSWER: Francisco **Pizarro** González

5. This novella ends with the title character declaring “we must cultivate our garden”, contrary to his teacher’s opinion that “all is for the best, in this best of all possible worlds”. For 10 points each:

[10] Name this satirical 1759 novella featuring the erratic teacher Pangloss.

ANSWER: **Candide**, *ou l’Optimisme* [accept either part]

[10] After becoming the property of Friar Giroflee in the novel, Paquette takes up this oldest profession. While she works in this profession, Pangloss catches syphilis off her.

ANSWER: **prostitute** [accept cruder terms]

[10] This later French author introduced a rather portly prostitute who sleeps with a Prussian officer in order to release fellow stagecoach travellers in his story *Boule de Suif*.

ANSWER: Guy de **Maupassant** <JK>

6. The “induced fit” model of these molecules describes how their substrates bind to them, and reactions involving them can be described using Michaelis-Menten kinetics. For 10 points each:

[10] Name these biological molecules that catalyse reactions. They bind to their substrate at their active site.

ANSWER: **enzymes**

[10] The induced fit model of enzymes improves upon this earlier model of substrate binding that states that each enzyme has only one substrate that fits into its active site.

ANSWER: **lock** and **key** [need both underlined parts, prompt on either part alone]

[10] This type of enzyme inhibition occurs when a molecule binds to an enzyme away from its active site. Usually this type of inhibition causes the enzyme to change shape, causing its substrate to no longer fit properly into the active site.

ANSWER: **allosteric** inhibition [prompt on “non-competitive inhibition”] <JR>

7. Following an all-star jam session based on its title song at the 1955 Newport Jazz Festival, this man’s ‘First Great Quintet’ recorded the iconic hard bop album *Round About Midnight*. For 10 points each:

[10] Name this jazz trumpeter, who worked with many members of that quintet on his modal jazz masterpiece *Kind of Blue*. He was also the bandleader behind *Bitches Brew* and *The Birth of the Cool*.

ANSWER: Miles **Davis**

[10] This alto saxophonist joined Davis’ Great Quintet to form a sextet in 1957. They are perhaps best remembered for their recording of the Joe Zawinul song *Mercy, Mercy, Mercy*.

ANSWER: Julian ‘Cannonball’ **Adderley** [accept **Cannonball**; do not accept “Nat Adderley”, since he’s a different person]

[10] This other saxophonist reached fame through the First Great Quintet, developing a keen rivalry with Davis. His namesake ‘changes’ appear on his record *Giant Steps*, and he also recorded *A Love Supreme*.

ANSWER: John **Coltrane** <JK>

8. This novel is the second in a trilogy whose last volume is the upcoming *The Mirror and the Light*. For 10 points each:

[10] Name this 2012 novel, in which the protagonist secures the execution of Anne Boleyn while working for Henry VIII, eventually being rewarded with a barony.

ANSWER: **Bring Up the Bodies**

[10] *Bring Up the Bodies* and *Wolf Hall* are both Booker Prize-winning novels about the rise of Thomas Cromwell by this British author.

ANSWER: Hilary **Mantel**

[10] A controversial 2014 story by Mantel was titled for the fictional assassination of this political figure in 1983.

ANSWER: Margaret **Thatcher** <JK>

9. Shortly after producing his most famous works, this photographer committed 'justifiable homicide' by killing his wife's lover, travelling to Central America in self-imposed exile. For 10 points each:

[10] Name this photographer, who invented the zoopraxiscope, an early type of movie projector. Their most famous work, depicting an animal called Sallie Gardner, was allegedly produced to settle a bet for Leland Stanford.

ANSWER: Eadweard **Muybridge**

[10] That series of photos by Muybridge showed that these animals lift all four of their feet when racing at speed. These animals are also shown racing with an inaccurate gait in Gericault's *The Derby at Epsom*.

ANSWER: **horses**

[10] Another Muybridge series shows a naked woman walking down some stairs, which was a major influence on this artist's Cubist work *Nude Descending a Staircase*. They also made several 'readymades'.

ANSWER: Marcel **Duchamp**

10. Though famous for other reasons, this man was known as a playwright and novelist throughout his life, authoring such works as *The Truth that Killed*. For 10 points each:

[10] Name this dissident who was assassinated in London in 1978. The murder has been traced to a secret service agent codenamed "Piccadilly", whose real identity is often suspected to be the Danish citizen Francesco Gullino.

ANSWER: Georgi **Markov**

[10] Markov died of ricin poisoning as a result of being pierced by the tip of this everyday object. Mary Poppins is known for using this type of object in a mildly more wholesome way.

ANSWER: **umbrella**

[10] Markov was a critic of the government of this Eastern Bloc state, which was led by Todor Zhikov from 1954 and 1989. Its current president is Rumen Radev.

ANSWER: **Bulgaria** <NJ>

11. One person with this surname was the first person to exceed 300 mph in a car, while another was killed trying to make his eighth water speed record at Coniston Water. For 10 points each:

[10] Give this surname which is shared by a father and son, both of whom set land and water speed records in vehicles named *Bluebird*.

ANSWER: **Campbell** [accept Malcolm **Campbell** or Donald **Campbell**]

[10] Malcolm Campbell set his last land speed record at the Bonneville Salt Flats in this US state in 1935. The site of all subsequent land speed records until 1983, the Salt Flats are located roughly 75 miles to the west of this state's Great Salt Lake.

ANSWER: **Utah**

[10] This British project intends to be the first land vehicle to break 1000 miles per hour, but has fallen into financial difficulty since October 2018, leaving its future uncertain.

ANSWER: **Bloodhound** SSC <AP>

12. This author wrote about an elderly, weary Australian writer in the novel *Elizabeth Costello*. For 10 points each:

[10] Name this author, who also wrote about a cleft-lipped gardener's attempts to take his mother's ashes to the town of Prince Albert in their novel about 'Michael K'.

ANSWER: John Maxwell **Coetzee**

[10] This other author wrote about the discovery of a black man's body in *The Conservationist*. This author is also known for creating a world in which apartheid is overturned in *July's People*.

ANSWER: Nadine **Gordimer**

[10] Both Coetzee and Gordimer are from this country. *July's People* opens in this country's city of Johannesburg.

ANSWER: **South Africa** <BB>

13. Combustion and rusting are both examples of oxidation but they have significantly different values of this property. For 10 points each:

[10] Name this property of a reaction, typically defined as the speed at which the product of a reaction is formed.

ANSWER: reaction **rate**

[10] Like the Arrhenius equation, this equation determines how the rate of a reaction varies with temperature. Unlike the Arrhenius equation, this equation was derived from transition state theory not through experimentation.

ANSWER: **Eyring** equation [accept **Eyring-Polanyi** equation]

[10] Catalysts increase the rate of a reaction by decreasing this quantity, the amount of energy which must be available for the reaction to happen.

ANSWER: **activation** energy <LW>

14. This poet makes repeated reference to the Odyssey in a poem beginning “And then went down to the ship”, and which states ‘Hang it all, there can be but one Sordello!’ For ten points each:

[10] Name this imagist poet, who is also famous for writing about “petals on a wet black bough” in *In a Station of the Metro*. He notoriously gave pro-fascist speeches in Italy during World War Two.

ANSWER: Ezra **Pound**

[10] This lengthy poem by Pound contains sections titled after China and denounces usury in its Fifth Decad. Much of it was written while Pound was a prisoner of war in Pisa.

ANSWER: The **Cantos**

[10] This other poet was a close friend of Pound. Ezra Pound edited much of this man’s poem *The Waste Land*.

ANSWER: Thomas Stearns **Eliot** <BB>

15. This algorithm’s creator claims to have developed the idea for it in 20 minutes while out shopping in Amsterdam with his wife. For 10 points each:

[10] This algorithm finds the shortest path between two nodes and is named for a Dutch computer scientist. A version with an added heuristic is called A star.

ANSWER: **Dijkstra’s** [“DIKE-strah’s”] algorithm

[10] Dijkstra’s algorithm is used in a field of mathematics named for these entities which consist of vertices connected by edges. An early problem in the study of these entities was the Seven Bridges of Konigsberg.

ANSWER: **graphs** [accept **graph** theory or **networks**]

[10] Lester Ford and this scientist name an algorithm which finds the shortest distance between two nodes in a weighted graph with negative edge weights. This scientist used his principle of optimality to develop dynamic programming.

ANSWER: Richard **Bellman** <GDC>

16. Following a bill restricting the activities of foreign universities in its home country, this university has planned a back-up campus in Vienna. For 10 points each:

[10] Name this institution, founded by George Soros, which has as its mission the promotion of an ‘open society’.

ANSWER: **Central European** University [or **CEU**]

[10] C.E.U. is currently based in Budapest, where it has come under great pressure from this country’s government, which has announced a ban on the teaching of gender studies. This country’s first university was founded at Pécs [“peach”] in 1367.

ANSWER: **Hungary**

[10] The actions of this present prime minister of Hungary were censured by the European Parliament in September 2018. They lead the right-wing Fidesz ["FI-des"] party, and openly advocate 'an illiberal state'.
ANSWER: Viktor Mihály **Orban** <AP>

17. This man founded the University of Sankore, which at the time had one of the largest libraries in the world. For 10 points each:

[10] Name this ruler who built up the cities of Timbuktu and Gao. This man also donated copious amounts of gold to the poor, causing gold's price to crash.

ANSWER: Mansa **Musa** [or **Musa** Keita I]

[10] Mansa Musa was a ruler of this empire. This empire was succeeded by the Songhai empire, and contained the city of Timbuktu.

ANSWER: **Mali** Empire

[10] Mansa Musa passed out gold to the poor in Cairo and Medina whilst embarking on a pilgrimage to this city. The pillar of Islam known as the hajj involves a trip to the Kaaba in this city.

ANSWER: **Mecca** <BB>

18. This German philosopher argued that God being an absolutely perfect being implies that every action they make is also perfect, which led to his claim that this is the best of all possible worlds. For 10 points each:

[10] This philosopher claimed in *Discourse on Metaphysics* that geometry is not from the will of God, but must follow from his understanding. His support of Optimism was critiqued by Voltaire in *Candide*.

ANSWER: Gottfried **Leibniz**

[10] Leibniz used this term to refer to what he thought were the building blocks of the universe. Leibniz thought of these entities as being indivisible, "simple substances".

ANSWER: **monads**

[10] In *Monadology*, Leibniz uses the principle of sufficient reason to attempt to answer the question of "why is there something rather than[this concept]". This concept is paired with "Being" in the title of a Jean-Paul Sartre work.

ANSWER: **nothing** [or **nothingness**]

19. Answer the following about conflicts in Egyptian myth, for 10 points each:

[10] Ra battles this serpent of chaos every night in order to ensure that the sun rises again. Despite repeatedly being defeated, this antithesis of Ma'at could never be entirely vanquished.

ANSWER: **Apep** [or **Apophis**]

[10] Ra was helped in his battles against Apophis by this usurper god. This god killed his brother Osiris and was in conflict with his nephew Horus for eighty years.

ANSWER: **Seth** [or **Set**, or **Setesh**, or **Sutekh**, or **Suty**]

[10] In order to make the sun rise, Ra travelled on a "solar" one of these vehicles known as the Atet. People who rode this general class of vehicle along the River Nile would pray to the god Sobek for safe passage and in the hope that they wouldn't sink.

ANSWER: Solar **Barge** [or **Boat** or **Ship** or anything equivalent] <BB>

20. Late in his life, this character helps Niccolo and Maffeo Polo escape a Mongol siege of his fortress at Masyaf. For 10 points each:

[10] Name this assassin who is demoted to the rank of initiate after failing a mission to retrieve an artefact from Solomon's temple.

ANSWER: **Altair** ["al-tie-er"] Ibn La'Ahad

[10] Altair is the main protagonist of the first in this series of Ubisoft games, in which modern day characters like Desmond Miles use an animus to relive the memories of historical characters in the war against the Templars.

ANSWER: **Assassin's Creed**

[10] Much of the conflict in *Assassin's Creed* revolves around control of one of these objects, whose abilities include mind control and illusion generation.

ANSWER: **Apple** of Eden [accept **Piece of Eden**]