

6MKULTRA 2015: Gohyakunijyuu no Omoide

The Milton Keynes Ultimate Liaison of Trash and Academia

Edited by Emma Laslett, George Corfield, Edmund Dickinson, David Knapp and Ewan MacAulay

Round 1 - Packet by Warwick Alumni

Tossups

1. **The Peace of Etaples resulted in this man being expelled from France and a raid by this man into Northumbria was abandoned after the approach of an army led by Lord Neville. This man's silk attire led citizens of Cork to assume he must have royal blood. This man married Lady Catherine Gordon whilst a guest of James IV of Scotland, and he led the (*) Second Cornish Uprising after landing at Whitesand Bay in 1497. This man deserted his army after hearing the King's scouts were at Glastonbury, and this man was later captured at Beaulieu Abbey. Claiming to be Richard of Shrewsbury, Duke of York, this is, for ten points, which pretender to the English throne executed by Henry VII?**

ANSWER: Perkin Warbeck

2. **Aubrey Plaza asserts that she is "not a quitter" while performing this action in *The To-Do List*, while in another film Jason Sudeikis listens to Styx's "The Best of Times" while performing this action in his car. As well as *Hall Pass*, another film featuring this action sees Zach Galifianakis tell Robert Downey Jr. that he has to perform this action for 35 minutes before he can go to sleep. That film is *Due Date*. In (*) *American Beauty*, Lester Burnham says that this action will "be the highlight of my day" thanks to his loveless marriage with his wife Carolyn, while in another film, the result of this action is used as hair product after Ben Stiller performs it in a bathroom. For 10 points identify this action that leaves Cameron Diaz with an unusual fringe in *There's Something About Mary*.**

ANSWER: masturbation [accept obvious equivalents, and feel thankful that they aren't exhaustively listed here]

3. **The transcription factors ROR-gamma-T and GATA-3 cause the differentiation of immature versions of these cells. The tyrosine kinase Lck phosphorylates ITAMs in these cells, which in turn permits the docking of ZAP-70. While not antibodies, one feature of these cells arises as a result of V(D)J recombination; that feature binds to the major histocompatibility complexes of (*) antigen-presenting cells and is their namesake 'receptor'. Subsets of these cells express the transmembrane protein CD8 as a co-receptor while others express CD4. Those are the 'cytotoxic' and 'helper' varieties respectively. For 10 points, name these lymphocytes that mature in the thymus.**

ANSWER: T cells [or T lymphocytes]

4. **The local stone of this Area of Outstanding Natural Beauty is a type of golden jurassic limestone that is named for this area. The highest point in this area is Cleeve Hill. A town in this area that was formerly called Corinium lies on the Fosse Way and is home to a large 'wool church'. One village in this area is known as its Venice due to its many low stone bridges over the River Windrush. Those places are (*) Cirencester and Bourton-on-the-Water. This area has held an annual Olimpick games intermittently since the 17th century in Chipping Campden. For 10 points name this area situated mostly in Gloucestershire and Oxfordshire in which are found the settlements of Stow-on-the-Wold and Chipping Norton.**

ANSWER: The Cotswolds

5. **The speaker of one poem by this author acknowledges that "whatever is born of mortal birth must be consumed with the Earth" before asking the title female "what have I to do with thee?". In another poem by this man "the children walking two and two" travel to St. Paul's "like the Thames' waters flow" for a service on (*) Ascension Day, while the title figure of another poem is asked "dost thou know who made thee". For 10 points, name this poet of *To Tirzah*, *Holy Thursday* and *The Lamb* who also noted the title creature's "fearful symmetry" in *The Tyger*.**

ANSWER: William Blake

6. During an episode of this TV series which takes place entirely in a bank vault, one character is threatened with a gun he kept in the vault in case he wanted to kill himself, before eating the other character's faeces. In the pilot episode of the series, a man receives a welfare check for \$150,000 per week and decides to return the money to the taxpayers by (*) dumping it from a blimp during the Super Bowl. Asian correspondent Trisha Takanawa often presents the news in this TV series. Spooner Street is the home of the central family in this series, which includes the Prius-driving dog Brian. Created by Seth MacFarlane, for 10 points name this animated comedy series that follows the lives of the Griffin Family.

ANSWER: Family Guy

7. In one scene in this novel, women rip off a shopkeeper's genitals and spit on them before parading them on a stick. The protagonist of this novel, who had been sacked from his job on the railways for assaulting a superior, stays near the town of Montsou in village number two hundred and forty. That protagonist later kills Chaval in a duel. In this novel, Souvarine commits sabotage that leads to the death of (*) Catherine. The head of the Maheu family and La Mouquette, the occasional lover of protagonist Étienne Lantier, are killed when soldiers fire on a crowd of striking miners. For 10 points, which Émile Zola novel is named for a month of the French Revolutionary calendar?

ANSWER: Germinal

8. The top right of this artwork shows Eve holding a citrus fruit rather than the usual apple. A pipe organ is the centrepiece of a large group of angels playing stringed instruments in one panel of this work. The fountain of life points upwards from the bottom-centre of this work, towards a figure of "the Almighty" that could represent either God or Christ. This work shows Adam and Eve (*) naturalistically and gives the latter a drooping stomach. Kneeling angels surround an altar on which stands an animal being venerated in this work, which was originally commissioned to the artist's brother Hubert. St. Bavo's Cathedral is home to, for 10 points, what polyptych by Jan van Eyck?

ANSWER: The Ghent Altarpiece [or The Adoration of the Mystic Lamb or The Lamb of God or Het Lamb Gods]

9. Upon being asked where God resided, this man replied that "no boat or raft will take thee to the distant Beloved" and in one hymn written by this man he states that "the fear of God is very great and very heavy". As well as writing the hymn "Rag Gauri", this man encouraged his followers to rise before the sun and cleanse the body during (*) Naam Japna. His birthday is celebrated on the full moon day, or Purnamashi, in the month of Katak; the festival often includes a community lunch, or langar, held in most Gurdwaras. For 10 points, name this ruler whose sayings are collected in the Adi Granth, the founder and first Guru of Sikhism.

ANSWER: Guru Nanak Dev Ji

10. In 1890 this country granted a monopoly on the sale of tobacco to Major GF Talbot, leading to protests. Earlier, it had given major economic concessions to Baron Julius de Reuter in an attempt to modernize the country. This country underwent a constitutional revolution in 1905, which saw the founding of the national parliament known as the (*) Majles. This country's capital was moved from Shiraz to the site of a village near Rayy by Agha Mohammed. The Qajar dynasty governed this country through the 19th century and was overthrown in the aftermath of the First World War by Reza Shah. For 10 points, name this Middle Eastern country that saw an Islamic revolution in 1979.

ANSWER: Iran (Accept Persia)

11. One character in this novel runs a Girls Club for working class women, a cause to which the protagonist donates money to make her feel good about herself. A potential love interest in this novel expects favours in return for his investment of the money won during a game of bridge. That man is Gus Trenor, who, along with his wife Judy, frequently hosts parties at the (*) Bellomont estate. Bertha Dorset has an extra-marital affair with Ned Silverton in this novel, in which the protagonist commits suicide before being discovered by Lawrence Selden. For 10 points, name this novel depicting the decline of Lily Bart, the first success of Edith Wharton.

ANSWER: The House of Mirth

12. The third of these works by this composer quotes from *Also Sprach Zarathustra* in its fourth movement with an alto repeatedly singing the words “O Mensch! Gib Acht!”. In another movement of that work, a children's choir sings 'Bimm Bamm' in a movement originally titled “What the angels tell me”. The fourth movement of the fifth of these works opens with a harp playing F major arpeggios and is marked (*) *adagietto*. The first of these works is in D Major, and contains, in its third movement, a funeral march based on *Frère Jacques*. For 10 points, name these works by this composer including *No. 6 'Tragic'*, *No. 1 'Titan'* and *No. 2 'Resurrection'*.

ANSWER: Symphonies of Gustav Mahler [accept clear equivalents]

13. The opening of one song on this album samples “A Star in the Ghetto” by the Average White Band, while D-Train’s “You’re the One for Me” features in another track. Those songs are “If It Ain’t Ruff” and “Something 2 Dance 2” respectively. One vocalist is “a brother that’ll smother your mother”, in the title track of this album that is named for a Californian city. In the most famous song from this album, (*) MC Ren suggests members of the title institution carry “a fake-ass badge and a gun in their hand” while Judge Dre listens to his testimony. For 10 points, identify this hugely influential gangsta rap record, featuring the songs “Express Yourself”, “Gangsta Gangsta” and “Fuck tha Police”, the first studio album of N.W.A..

ANSWER: Straight Outta Compton

14. For these mathematical structures, the result of applying an addition operation to two homomorphisms from one of these structures to another of these structures also gives a homomorphism. One of these is torsion free if every non-zero element has infinite order and every ring is one of these with respect to its addition operation. If an infinite one of these structures is finitely generated then it is isomorphic to the direct sum of a finite number of copies of \mathbb{Z} and a finite one of these structures. This structure consists (*) of a set of elements along with an operation that is associative and commutative for which there is an identity element and every element has an inverse. For 10 points, name this type of group that also satisfies commutativity.

ANSWER: Abelian Group [or Commutative Group, DO NOT prompt on group]

15. The *tasasoria*, or trial run, of the *waga* is discussed in one section of this work, in which the wood sprite Tokway must be expelled before the canoes are made. It describes the *katuyausi*, an expedition in which unmarried girls are exhibited in front of another village before being chosen by a local boy. In one ceremony described in this work, (*) *soulava* are traded to the North while *mwali* are traded to the South. This work forms the first of a trilogy studying a certain Melanesian group of people and was followed by *Coral Gardens and their Magic* and *The Sexual Life of Savages*. For 10 points identify this work that studies the Kula ring exchange of the Trobriand islanders, a work of Bronisław Malinowski.

ANSWER: Argonauts of the Western Pacific

16. The closing credits of this film roll over an outtake involving a message for a man called Rafael, and earlier the protagonist of this film attempts to fend off a knife attack with a TV remote control. A dying business mogul in this film assumes that the protagonist is an upper-class businessman due to his expensive clothes. The protagonist of this film’s simple-minded words are repeatedly (*) misunderstood as profound statements, and the film ends with the US President saying “Life is a state of mind” while the protagonist walks across a lake. For 10 points, name this Hal Ashby film in which Chance, the gardener, is played by Peter Sellers.

ANSWER: Being There

17. This philosopher was critical of Jean-Jacques Rousseau’s *Social Contract*, describing it as a “book against the human race”, while he wrote *Treatise on Toleration* in defence of Protestant Jean Calas. This man was exiled from France to England, leading him to praise such dramatists as Congreve, as well as Britain’s favourable attitude towards trade in his (*) *Lettres Philosophiques*. A quotation widely misattributed to him was written by his biographer Evelyn Beatrice Hall as a summation of his philosophy, and goes “I disapprove of what you say, but will defend to the end your right to say it.” For 10 points name this French *philosophe*, author of such works as *Zadig* and *Candide*.

ANSWER: Voltaire (Accept François-Marie Arouet)

18. **Satz and Matsui hypothesised the suppression of bound states of these particles by the high gluon densities in quark-gluon plasmas. Glashow, Iliopoulos and Maiani were the original proposers of a mechanism for FCNC suppression which required the existence of this particle. The discovery of one hadron containing this particle gave rise to the (*) ‘November Revolution’ of high-energy physics. That is the J/psi meson. The D meson contains this particle in addition to an up or down quark. For 10 points, identify this quark that is part of the second generation of matter along with the strange quark.**

ANSWER: charm quark [prompt on quark until mentioned]

19. One faction at this event was led by James W. Forsyth; that faction fired Mountain Guns on the camp of the other faction. By some accounts, this event was triggered when a deaf man refused to follow an order to surrender his weapon and one group involved in this event were told that their shirts were bulletproof. The victims of this event were targeted because of their adherence to a religious movement founded by the prophet (*) Wovoka - the Ghost Dance movement. The leader of the victims of this event was referred to as Big Foot by his enemies, but was otherwise known as Spotted Elk. For 10 points, name this 1890 event that saw the death of up to 300 Lakota at the hands of the US Army.

ANSWER: Wounded Knee Massacre [accept The Battle of Wounded Knee DO NOT accept or prompt on The Wounded Knee Incident]

20. **A coach from this country caused controversy by comparing the act of gouging to dancing after a player stuck a finger in Luke Fitzgerald’s eye. A charged-down Louis Koen kick allowed Will Greenwood to score in a defeat against England for this country, while another defeat against England saw (*) Jannes Labuschagne sent off for a late tackle on Jonny Wilkinson. IRB World Players of the Year from this country include Schalk Burger and Bryan Habana, and Francois Pienaar captained this country to the 1995 World Cup. For 10 points, name this country whose national rugby union team are nicknamed the Springboks.**

ANSWER: Republic of South Africa [prompt on “Springboks” before mentioned]

Bonuses

1. The eclipsing variety of these star systems are distinguished by periodic drops in the intensity of their light curves. For 10 points each:

[10] Name these systems in which a pair of stars orbit a common centre of mass.

ANSWER: **binary stars** [accept obvious equivalents, e.g. **binaries**]

[10] 'Close binaries' are those in which matter can be transferred between the two stars, leading to this process in which one of the stars grows in mass. The namesake 'discs' of this process are often found around the receiving star.

ANSWER: **accretion**

[10] Matter is transferred through the inner Lagrangian point, the meeting of these entities for each of the two stars. These entities represent the region within which material is gravitationally bound to each of the two stars.

ANSWER: **Roche lobes**

2. This Beethoven work is notoriously technically difficult for both instrumentalists. For 10 points each:

[10] Name this work for piano and violin whose first movement opens with four bars of adagio solo violin in A Major, before switching to an A Minor presto section at bar 18.

ANSWER: **Violin Sonata No.9** 'Kreutzer' [accept **Kreutzer Sonata**]

[10] Name this author who, inspired by Beethoven's work, wrote the novella *The Kreutzer Sonata*. His other short works include *The Cossacks*, *Hadji Murad* and *The Death of Ivan Ilyich*.

ANSWER: Count Lev Nikolayevich **Tolstoy** [accept Leo **Tolstoy**]

[10] Name this composer, whose *String Quartet No. 1* is titled *The Kreutzer Sonata* after Tolstoy's novella.

ANSWER: Leos **Janacek**

3. The British monarchies have practised several succession rules over the centuries. For 10 points each:

[10] This twelfth-century English king claimed the throne by being "born in the purple" as the son of a reigning king. He defeated and imprisoned his elder brother Robert Curthose.

ANSWER: **Henry I**

[10] From the ninth to the eleventh centuries the Scottish monarchy was decided by this principle, in which the royal house was divided into two branches that alternated on the throne. The system led to frequent conflict between the branches and was abolished by Malcolm II.

ANSWER: **Tanistry**

[10] The Succession to the Crown Act 2011 abolished this form of succession to the British throne.

ANSWER: **Male primogeniture** [accept **agnatic** succession or anything else that makes it clear that only males can accede, do not accept or prompt on 'primogeniture']

4. In this play, the title character reveals to his wife that she is dying of Tuberculosis after she, mostly erroneously, accuses him of infidelity. For 10 points each:

[10] Name this play whose title character shoots himself just before he is due to marry Sasha, after facing allegations that he is only doing so for her dowry.

ANSWER: **Ivanov**

[10] This play, by the same author, ends similarly to *Ivanov*, when Konstantin shoots himself following Nina's departure.

ANSWER: **The Seagull** [accept **Чайка** (Chayka)]

[10] This Russian author of *Ivanov* and *The Seagull* also wrote about the Ranevskaya family in *The Cherry Orchard*.

ANSWER: **Anton Chekhov**

5. This event was held in Chicago at the instigation of its Mayor, Richard J. Daley. Widespread protests surrounding it were met by a harsh police response that included the arrest of 'Pigasus the Immortal'. For 10 points each:

[10] Name this event that was marred by a 'police riot' and saw the arrests of the 'Chicago Eight'.

ANSWER: **1968 Democratic National Convention** [accept clear equivalents and other word forms, prompt on answers missing the date]

[10] This former attorney general and candidate for the 1968 Democratic Party presidential nomination was assassinated by Sirhan Sirhan two months before the convention.

ANSWER: **Robert** Francis **Kennedy** [accept **Bobby Kennedy**, stern prompt on ‘Kennedy’]

[10] At the convention, this former governor of Maine received the Democratic Party nomination for vice president.

ANSWER: Edmund Sixtus **Muskie**

6. This opera sees Count Almaviva desperate to sleep with his wife's maid Susanna, and prevent her marriage to his valet. For 10 points each:

[10] Name this comic opera by Mozart concerning the upcoming nuptials of the title character to the maid Susanna.

ANSWER: **Le nozze di Figaro** [or *The Marriage of Figaro*]

[10] This character is the page boy to Count Almaviva. He hides from the Count in a cupboard and switches places with Susanna before escaping through a window and trampling on some roses.

ANSWER: **Cherubino**

[10] This character sings the only minor key aria in the opera, *L'ho perduta, me meschina*, at the beginning of Act IV, regretting the loss of a pin that is integral to Susanna's plan to shame the Count.

ANSWER: **Barbarina**

7. When a water molecule is released, this type of reaction is known as dehydration. For 10 points each:

[10] Name these reactions in which two molecules combine to form a larger molecule while a small molecule is lost.

ANSWER: **condensation** reaction

[10] Two molecules with this functional group take place in the Claisen condensation. Molecules with this functional group are derived from an acid and an alcohol and are often fragrant.

ANSWER: **esters**

[10] This reaction is an intramolecular Claisen condensation which forms a cyclic beta-ketoester as a product.

ANSWER: **Dieckmann** condensation

8. Folk music is slowly taking over the world. For ten points each:

[10] This British folk rock band released the 2012 album *Babel*, which included the massive single “I Will Wait”.

ANSWER: **Mumford & Sons**

[10] This singer-songwriter from Hampshire has been nominated for the Mercury Music Prize three times, for the albums *Alas, I Cannot Swim*, *I Speak Because I Can* and *Once I Was An Eagle*.

ANSWER: Laura (Beatrice) **Marling**

[10] This man played the track “I Still Believe” on a fake Glastonbury Tor at the Opening Ceremony of the 2012 Olympics. Albums by this man include *Positive Songs for Negative People* and *Poetry of the Deed*.

ANSWER: (Francis Edward) “Frank” **Turner**

9. This war started with a series of attacks on Toussaint Rouge - the 1st November 1954. For ten points each:

[10] Name this war that saw a French department of North Africa fight for independence.

ANSWER: **Algerian** War or **Algerian** War of Independence or **Algerian** Revolution

[10] A watershed moment in the Algerian War was this battle, in which the FLN first targeted civilians in addition to military and government targets. Jacques Soustelle authorised a brutal reaction in which an estimated 12 000 Algerians were killed.

ANSWER: Battle of **Philippeville**

[10] The Algerian War brought down the French Fourth Republic, resulting in a new constitution and this man becoming the first president of the Fifth Republic.

ANSWER: Charles (Andre Joseph Marie) **de Gaulle**

10. An example of this quantity is negative for a normal good, as demand will fall as the price rises. For 10 points each:

[10] Name this quantity that, in general, refers to the change in demand or supply given a change of income or price.

ANSWER: **elasticity** [accept more specific examples, e.g. **price elasticity of demand**]

[10] Contrary to normal goods, the price elasticity of demand for these goods is positive. This is explained by the theory of 'conspicuous consumption' introduced by their namesake economist.

ANSWER: Veblen goods

[10] As well as writing about conspicuous consumption in *The Theory of the Leisure Class*, Veblen also wrote several reviews of the work of this other economist, who famously stated that the stock market had reached "a permanently high plateau" just before the Wall Street Crash of 1929.

ANSWER: Irving Fisher

11. For ten points each, answer these bonuses on less well-known colonies.

[10] Former US Presidential candidate John McCain was born in this former American colony. It was established around its namesake piece of infrastructure in 1903 by the Hay–Bunau-Varilla Treaty.

ANSWER: Panama Canal Zone (prompt on "Panama Canal")

[10] The colony of French India was centred on this coastal city, located approximately 90 miles south of Chennai.

ANSWER: Pondicherry or Puducherry

[10] Self-government for this dependent territory of Australia will end on 1st July 2016. Lying roughly midway between New Zealand and New Caledonia, its settlements include Burnt Pine and Kingston.

ANSWER: Norfolk Island

12. One poem in this collection is named for the speaker's regimental bhisti, or water carrier. For 10 points each:

[10] Name this poetry collection which includes *Gunga Din* and *Tommy*.

ANSWER: Barrack-Room Ballads

[10] This author of *Barrack-Room Ballads* also wrote about Mowgli and Rikki-Tikki-Tavi in *The Jungle Book*

ANSWER: Rudyard Kipling

[10] This poem in *Barrack-Room Ballads* begins with a soldier noticing a beautiful Burmese woman sitting by the Moulmein Pagoda. It notes that the title location is "where the flyin' fishes play".

ANSWER: Mandalay

13. Several well-known musicals have connections with the law. For 10 points per question:

[10] This Kander and Ebb musical tells the story of one of the US's most notorious miscarriages of justice, in which a group of black teenagers were repeatedly convicted of raping a white woman.

ANSWER: *The* Scottsboro Boys

[10] In another Kander and Ebb song from the musical *Chicago* the character Hunyak protests her innocence of a charge of murder, in Hungarian. In this song a series of women describe how they ended up in jail.

ANSWER: "Cell Block Tango"

[10] This character from the musical *Guys and Dolls* repeatedly invites his fiancée Miss Adelaide to sue him. He is the organiser of the Oldest Established Permanent Floating Crap Game In New York.

ANSWER: Nathan Detroit

14. As soon as he sees the chaplain, he falls in love with him. For 10 points each:

[10] Name this "Assyrian" pilot based in Pianosa who is determined to live forever or die in the attempt.

ANSWER: John Yossarian

[10] This author of *Good as Gold* and *Something Happened* created the character Yossarian in *Catch-22*.

ANSWER: Joseph Heller

[10] This character in *Catch-22* 'knew everything about literature except how to enjoy it'. His plane disappears into a cloud and he is never seen again.

ANSWER: Clevinger

15. FTPE, answer some questions about a certain impressionist painter's links with Normandy.

[10] This impressionist artist owned a house and garden at Giverny on the River Seine. He depicted its pond and Japanese bridge in his *Water Lilies* paintings.

ANSWER: Claude Monet

[10] This Monet work is a view over the harbour at Le Havre in the early morning light, showing a single spot and trace of colour against small boats and ships rendered in a range of greys.

ANSWER: **Impression, Sunrise** [or **Impression, soleil levant**]

[10] In this series of over 30 paintings, produced between 1892 and 1894, Monet captured many views of this building, painting it in different conditions including *Full Sunlight*, *Sunset* and *Morning Light*.

ANSWER: **Rouen Cathedral** [or **Cathédrale Notre-Dame de Rouen**]

16. Sometimes a film is so unfathomably bad that one cannot help but admire the fact that it was even made. Here are some such films, for 10 points each:

[10] This 2008 film was inspired by an Alfred Hitchcock classic and contains a scene in which the majority of the cast defend themselves from the title creatures using nothing but coat hangers.

ANSWER: **Birdemic: Shock and Terror**

[10] These animals seem to receive more than their fair share of excellent films, particularly on the SyFy channel. Notable releases have seen them caught up in tornadoes and fighting, amongst other things, a giant octopus.

ANSWER: **sharks** [accept **Sharknado** or Mega **Shark** vs Giant Octopus]

[10] Sometimes referred to as the “*Citizen Kane* of bad movies”, this 2003 film was written, directed, produced by and starring Tommy Wiseau. It sees Lisa cheat on her banker husband Johnny with his best friend.

ANSWER: **The Room**

17. The abandonment of this man by his wife Gomer is an allegory of the desertion of God by the people of Israel. For 10 points each:

[10] Name this man who regains the company of his wife as well as fathering Jezreel, Lo-Ruhamah and Lo-Ammi in his namesake book of the Bible.

ANSWER: **Hosea**

[10] Hosea is one of this group, collected as one book in the Tanakh but each having their own book in the Old Testament. Other members of this group include Obadiah and Haggai.

ANSWER: **Minor Prophets** [or **Twelve Prophets**, accept **Book of Twelve**]

[10] This first of the Latter Prophets predicted the virgin birth of Immanuel. The book named for this man precedes Jeremiah in the Old Testament, and features God destroying the army of Sennacherib.

ANSWER: **Isaiah**

18. 15th August is the national day of several countries. For 10 points per question:

[10] 15th August 2015 marks the fifty-fifth anniversary of independence for this French-speaking African country. Its first president, Fulbert Youlou, was deposed in the *Trois Glorieuses* or *Three Glorious Days* in 1963.

ANSWER: **Republic of Congo** (prompt on Congo alone, accept **Congo-Brazzaville**, grudgingly accept **French Congo**, do not accept Congo-Kinshasa, Democratic Republic of Congo, Belgian Congo or Zaire)

[10] In this country 15th August is known as “Restoration of Light Day”, marking the country’s liberation from Japan in 1945. Its First Lady Yuk Young-soo was assassinated during a ceremony to mark this day in 1974.

ANSWER: **South Korea** or **Republic of Korea** (prompt on Korea alone, do not accept North Korea or Democratic People’s Republic of Korea)

[10] This European country established 15th August as its national day in 1940 as a dual celebration of the then head of state’s birthday and the Feast of the Assumption. This country disbanded its army in 1868 for financial reasons.

ANSWER: **Liechtenstein**

19. This trio spun, measured and cut the mother thread to end the life of every mortal. For 10 points each:

[10] Clotho, Lachesis and Atropos together make up this group of three goddesses.

ANSWER: **Fates** [accept **Moirai** or **Aisa**]

[10] In the Orphic cosmogony, as well as in Plato’s *Republic*, the three Fates are the daughters of this primordial deity of destiny and inevitability.

ANSWER: **Ananke** [accept **Anangke** or **Anagke**]

[10] Ananke was the consort of this god of empirical time. They coiled together around the primal world egg to hatch the hermaphroditic Phanes, the deity of procreation.

ANSWER: **Chronos** [not 'Cronus', but the pronunciation difference is really hard, so don't bother]

20. Type I diabetics cannot produce this compound. For 10 points each:

[10] Name this hormone that decreases the concentration of glucose in the bloodstream, the opposite of glucagon.

ANSWER: **insulin**

[10] Glucagon and insulin are produced by the alpha and beta cells of these clusters of endocrine cells found in the pancreas.

ANSWER: **islets of Langerhans**

[10] The delta cells in the islets of Langerhans produce this other hormone whose functions include the inhibition of the release of both growth hormone and thyroid-stimulating hormone.

ANSWER: **somatostatin**