

**MKULTRA 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 10 - Packet by Editors**

Tossups

1. **Below 25 K, strontium ruthenate behaves as a type of substance named for this scientist. The transition probability per unit time of a quantum system is proportional to the square of the magnitude of the matrix element of the perturbation between final and initial states according to a rule named for this scientist. The highest (\*) energy level occupied by electrons in a quantum state at absolute zero is named for this scientist. When particles named for this physicist are their own antiparticles, they are termed Majorana. Those particles follow statistics named for this physicist and Dirac. For 10 points, which namesake of element number 100 also names particles with half-integer spins?**

ANSWER: Enrico Fermi (accept Fermi Liquid, antiprompt on Fermion)

2. **One bishop of this city was a Carolingian poet and theologian who fell from favour after siding with King Bernard of Italy against Louis the Pious; that bishop was Theodulf. One Duke of this city joined the Duke of Montmorency to revolt; like Gaston de France, a later Duke of this city styled himself *Monsieur*. This city gave its name to a movement for constitutional monarchy begun by (\*) Philippe Egalité, who opposed the Legitimists. Although styled Duke of Anjou, Philippe, Louis XIV's homosexual younger brother, was Duke of this city, as was a king who ruled during the July Monarchy, Louis-Philippe. FTP, name this French city whose siege was relieved by Joan of Arc, its namesake "Maid".**

ANSWER: Orléans [aw-LAY-ohn] (accept Theodulf of Orléans or Duke of Orléans or Orléanist(s) or Maid of Orléans)

3. **In this work, a god demands people's 'waists and armpits' in exchange for the secret of fire, and the first people created in this book are dissolved, while the second are disfigured and drowned in resin as a punishment for not having souls. According to this work, the world originally consisted only of the sea and four gods, of which the only one on the terrestrial plane was Gucumatx. The first successful people created in this book are made of (\*) corn; four men named Balam-Quitxé, Balam-Acab, Mahucutah and Iqui-Balam. Two central figures in this work are killed for playing a ball game too noisily and disturbing the lords of Xibalba, and their sons narrowly escape the same fate. FTP, name this text, a collection of myths such as that of the Hero Twins, and the cornerstone of Maya mythology.**

ANSWER: Popol Vuh (pron. po-POL wukh, but accept clear phonetic alternatives)

4. **One sculpture of one of these people shows them with a raised right knee on a block, contorted in the style of the Laocoön group while struggling to free themselves from fetters. Juan de Pareja had formerly been one of these people before Diego Velázquez painted his portrait in dark clothes with a fine white collar. In another sculpture, one of these people lapses into (\*) slumber while throwing his left arm back over his shoulder; that work was commissioned for the tomb of Pope Julius II. These people founder in the foreground of a painting where a ship is shown to the left of a bright sunset. J.M.W. Turner painted the ship *Zong* casting off, FTP, what type of person that Michelangelo sculpted *Dying*?**

ANSWER: slaves

5. **According to Rudolf Carnap, the outcome of this activity yields a protocol sentence. W.V. Quine called sentences named for this activity "Janus-faced" in an essay "In Praise of" those sentences, which he defined as statements independent of experience that depend only on sensory stimulation. If this activity yields "non- (\*)black non-ravens", there is evidence that all ravens are black according to a Carl Hempel paradox. Unexpected results of this activity lead to "crises" according to another work that argued for the "theory-ladenness" of this activity. FTP, what scientific activity uses perception to acquire sense data from the world, and might include looking at the result of an experiment?**

ANSWER: (scientific) **observation** (accept **observation** sentence; accept word forms; accept **perception** or **experience** until “Janus-faced”)

6. In one work by this man, a serial killer drowns his victims after offering to show them “a picture of the colonel”, and in another, an important knife is stated to be “either very large, or not there at all” at the discretion of the performers. In another work by this man, a poet murders a detective while another man is force-fed stale bread, while in another, mushrooms spring up throughout an apartment thanks to an (\*) expanding corpse. In this man’s first play, a maid claims to be Sherlock Holmes, a clock is seen chiming seventeen, and a fireman causes consternation by asking about the title character, who is described as ‘still styling her hair the same way’. FTP, name this Romanian-French playwright of *The Killer*, *Victims of Duty*, and *The Bald Soprano*.

ANSWER: Eugène **Ionesco** [accept Eugen **Ionescu**]

7. One character in this work claims to have “a mighty roar” after confusing the words ‘a lion’ and ‘Alliance’, while another briefly marries a central character, before reappearing later to steal a laser. One character in this work suggests trading in “black market beagles” instead of smuggling cattle, though another points out the relative failure of the “great wobbly-headed doll caper”. The first scene of this work takes place at the Battle of (\*) Serenity Valley, 2511. This TV series would be followed after three years by a film which introduced David Krumholtz and Chiwetel Ejiofor to the main cast. FTP, name this ‘space Western’, created by Joss Whedon and cancelled after 13 episodes, before concluding with the film *Serenity*.

ANSWER: **Firefly** [do not accept or prompt on ‘Serenity’]

8. The Kazerun strike-slip fault separates this mountain range into two distinct areas of deformation. The Hazaran Massif is an eastern outlier of this mountain range, and the remains of ten Neanderthals were discovered in Shanidar Cave in this mountain range. The only glaciers to be found in this mountain range occur in the (\*) Zard-Kuh and Dena sub-ranges. The historic city of Khorramabad is located in this mountain range, the northern extremity of which is in Turkish Kurdistan. This mountain range stretches southwards beyond the city of Shiraz to the Strait of Hormuz. For ten points, name this mountain range of western and southern Iran.

ANSWER: **Zagros** Mountains

9. The Chicago Bulls drafted this man at the 1984 NBA Draft, despite him not playing basketball at either college or high school. This man was booed after he passed his last four jumps in one competition, as he knew his first round jump would be sufficient to win. At the 1991 World Championships, this man lost his first (\*) long jump competition in a decade after Mike Powell surpassed Bob Beamon’s world record. At the 1991 World Championships, this man set a new world record at 9.86 s, and Ben Johnson’s positive test for steroids led to this man being awarded the 1988 Olympic Gold in the 100 m. For ten points, name this US track and field athlete who won nine Olympic Gold medals.

ANSWER: (Franklin Carlton) “Carl” **Lewis**

10. When one character in this movie asks if her glasses make her look smarter, her friend replies “Nah, you can still see your face”. A character in this movie is sick after seeing the blood from getting her ear pierced. In a reference to the role of plastic wrap as contraception, one character in this movie rubs clingfilm (\*) on his crotch during a song which claims that a certain object could be, among other things, “hydromatic” and “ultramatic”. The song “Beauty School Dropout” is sung to Didi Conn’s character in this movie set primarily at Rydell High School. Featuring the song “Summer Nights”, for 10 points name this movie which stars Olivia Newton-John and John Travolta as Danny and Sandy.

ANSWER: **Grease**

11. In one novel by this author, a boy discovers that his father is a mute and paralysed as the result of being shot by a transvestite. In another work by this author, a woman suffers a miscarriage after chasing the narrator on horseback. That woman releases a cat from a taxi on her way to fly to Brazil. Amy, who lives at Skully’s Landing, is the stepmother of (\*) Joel Knox in this author’s semi-autobiographical novel *Other Voices*, *Other Rooms*. As well as a non-fiction novel set in Holcomb which details the murders of Herbert Clutter and his

family, this author wrote about Holly Golightly in a novella which was adapted into a film starring Audrey Hepburn. For 10 points, name this author of *Breakfast at Tiffany's* and *In Cold Blood*.

ANSWER: Truman Capote

12. A mixture of water and this compound is used as the solvent for the Woodward cis-dihydroxylation. An iridium atom bound to two carbon monoxide molecules and two iodine atoms is the catalyst for a process which converts methanol into this compound. The reaction of acetone, iodine and sodium hydroxide yields iodoform and this compound. The BP (\*) Cativa process replaced the Monsanto process in the manufacture of this chemical. When highly concentrated, this chemical is described as “glacial”, and is the product of the oxidation of ethanal. For 10 points, name this two-carbon organic acid found in vinegar.

ANSWER: Acetic Acid (accept Ethanoic Acid)

13. The hebephrenic form of this condition carries a poorer prognosis than other subtypes while the only drug shown to have efficacy in controlling treatment resistant forms of this disorder is clozapine. The efficacy of D2 receptor antagonists in controlling symptoms led to the "Dopamine hypothesis" of this disease. This condition used to be known as dementia praecox and Kurt Schneider developed first rank symptoms for it including (\*) "thought broadcast". Adolescent use of cannabis is a risk factor for developing this disease which may come in catatonic and paranoid forms - the latter is typified by persecutory delusions and auditory hallucinations. For ten points name this disease for which the unhelpful translation from the Greek is "split mind".

ANSWER: Schizophrenia [ Do not accept anything to do with “split personality disorder” which isn’t even a thing]

14. Katz and Voigt argued that an enthusiasm to produce this commodity accrued bio-ecological advantages for Neolithic societies such as the Natufians, and Jonathan Sauer inspired the archaeologist Robert Braidwood to suggest that this commodity might have prompted the first (\*) grain agriculture. The mathematician Student developed the -*t*-test to assist quality control for a manufacturer of this commodity. George Osborne cut duty on this commodity by 1p for three successive years to 2015. FTP, name this commodity whose creation in Germany is governed by the *Reinheitsgebot*, a strict purity law.

ANSWER: beer (accept stout or ale until “Reinheitsgebot”)

15. In one work by this author, a man considers building a throne for his mother's ashes among his dahlias. A dachshund dies after drinking poisoned whisky in one work by this author which also sees miniature bottles of bourbon and scotch replace the pieces in a game of draughts. In that novel, a man who owns a wallet made of human skin attempts to go out with the beautiful but materialistic (\*) Millie, whose father passes off drawings of vacuum cleaner parts as secret military designs. This author who created Jim Wormold revealed that Augusta was the true mother of Henry Pulling in another novel. For 10 points, name this author of *Travels with My Aunt* and *Our Man in Havana*.

ANSWER: Graham Greene

16. In the penultimate Enigma Variation, Elgar quotes from this composer's *Calm Sea and Properous Voyage Overture*. This composer wrote the Gutenberg Cantata celebrating the anniversary of the printing press - its music was later adapted into the carol “Hark! The Herald Angels Sing”. A piece by this composer featuring the Protestant hymn “A Mighty Fortress Is Our God” was written 300 years after the (\*) Augsburg confession. This composer included multiple *Venetian Boat Songs* in his *Songs Without Words* and wrote incidental music to a Shakespeare play that features a noted Wedding March. For 10 points, identify this composer of the Reformation symphony, incidental music to *A Midsummer Night's Dream* as well as the *Hebrides Overture*.

ANSWER: Felix Mendelssohn

17. Two brothers with this surname formed a terrorist group that included the plane hijacker Salamullah Tipu; that group was named for the brothers' dead father. One minority party leader with this surname refused the Six Point demands of the Awami League, and then became prime minister after his country lost a civil war. That politician with this surname was given power by (\*) Yahya Khan, founded the PPP, and was later deposed and hanged by General Zia-ul-Haq. As well as Zulfikar Ali, another politician with this surname lost a 1997

election to Nawaz Sharif and was assassinated in Rawalpindi in 2007. FTP, give this surname of the late Pakistani politician Benazir.

ANSWER: **Bhutto**

18. **The final day of a ceremony in which these people compete is known as “The pleasure of a thousand autumns”. Handprints known as tegata are especially associated with these people. These people may have their hair formed in the chonmage [Chon-mah-geh] style by a tokoyama. (\*)** Jonokuchi are the lowest-ranking of these people, whose higher ranks are called Sekitori. Contrary to popular belief, these people are not actually able to retract their testicles into their bodies, though they do suffer from high rates of diabetes. The Mongolian-born yokozuna Asashoryu Akinori is one of the most well-known of these people. For 10 points, name these large people who practice a Japanese form of wrestling.

ANSWER: **Sumo** Wrestlers (accept **Rikishi**)

19. **In this work, its creator claims to be “a guy who has bulging ideas rather than muscles”, who is looking for “a girl who looks quiet but plays when she plays”. The former star of *Infinite Challenge*, later convicted of drink driving, appears performing his trademark ‘jeojil dance’ in an elevator during this work, whose lyrics repeat a respectful word for a woman’s male elders. This song, a notable example of (\*) *hallyu*, was parodied by Johnson Space Centre Pathway Interns; that parody was promoted by NASA. This song’s creator publicised it at the 2012 Seoul Grand Prix where he taught Mark Webber and Sebastian Vettel its associated ‘invisible horse’ dance. FTP, name this single by PSY, the most-watched video on YouTube.**

ANSWER: **‘Gangnam Style’**

20. **The central text of this religion asserts that heaven and earth arise from "the doorway of the Mysterious Female". Another major text within this religion is divided into sections known as the real, mystery, and divine grottoes. The central values of this religion are ‘naturalness’, or *ziran*, and the (\*) Three Treasures of compassion, moderation and humility, as well as ‘action through inaction’, or *wu-wei*. Another text in this religion, named for its author, is best known for its author’s ambiguous dream of being a butterfly. FTP, name this Chinese religion based around the teachings of Laozi, whose name translates as 'The Way'.**

ANSWER: **Taoism** [accept **Daoism**, prompt on “Tao/Dao te Ching”, “Zhuangzi”, or “Laozi” before said]

## Bonuses

1. Unlike its adaptive counterpart, the innate immune system does not generate long term immunological protection. For ten points each:

[10] This response is the first line defence of the innate immune system to infection or injury, it is characterised by “dolor, rubor, calor and tumor” or “pain, redness, heat and swelling”

ANSWER: **Inflammation**

[10] This pathway’s “cascade” can be activated by the classical, alternative or lectin-binding pathway. It recruits inflammatory cells through release of anaphylotoxins and tags pathogens for degradation or kills them directly by punching holes in their cell walls.

ANSWER: **Complement**

[10] This family of receptors recognizes conserved chemical motifs found in pathogens such as lipopolysaccharide. They are named for their similarity to a gene discovered to have a role in the dorso-ventral patterning of *Drosophila*.

ANSWER: **Toll-Like Receptors**

2. It is organized as a series of conversations between the title people at the Court of the Duke of Urbino. For 10 points each:

[10] Name this work by Baldesar Castiglione.

ANSWER: **Il Cortegiano** (or **The Book of the Courtier**)

[10] In *Il Cortegiano*, Castiglione’s characters stress the importance of this quality in all things. This quality is nebulously defined as “nonchalance” or “careful negligence”.

ANSWER: **Sprezzatura**

[10] Castiglione wrote *Il Cortegiano* in Lombardy Italian, refusing to imitate the Tuscan Italian of this author of the *Decameron*.

ANSWER: Giovanni **Boccaccio**

3. Bonus on! FTPE:

[10] This name is shared by an android superhero from the 30’s, but is mostly associated with the flaming superhero otherwise known as Johnny Storm.

ANSWER: The **Human Torch**

[10] The Human Torch is a founding member of this superhero team along with his sister Sue, brother-in-law Reed Richards, and friend Ben Grimm.

ANSWER: The **Fantastic Four** [accept teams singing the theme song from the 90’s cartoon]

[10] The most iconic foe of the Fantastic Four is the inventor and sorcerer Doctor Doom, who is also the leader and apparent entire government of this non-specifically Central European country.

ANSWER: **Latveria**

4. In 1991, Abuja replaced this city as its nation’s capital. For ten points each:

[10] Name this largest city in Nigeria.

ANSWER: **Lagos** or **Eko**

[10] Some of the most expensive real estate in Africa can be found in this neighbourhood of Lagos. It comprises much of the east of Lagos Island.

ANSWER: **Ikoyi**

[10] This city and regional rival of Lagos was, until 1970, the largest city in sub-Saharan Africa. It is the capital of Oyo State.

ANSWER: **Ibadan**

5. In gases, this quantity has two forms denoted  $C_p$  and  $C_v$  which differ by  $RT$ . For 10 points each:

[10] Name this quantity which denotes the amount of energy required to raise a material’s temperature by a set amount.

ANSWER: **Heat Capacity** (accept **Specific Heat** Capacity)

[10] This physicist attempted to describe the heat capacity of solids by modelling every particle as an independent harmonic oscillator, though he may be better known for his Nobel Prize-winning work on the photoelectric effect.

ANSWER: Albert **Einstein**

[10] A model of heat capacity which improved on the Einstein model by considering a lattice populated by quantized vibrations is named for this physicist.

ANSWER: Peter **Debye**

6. In one poem, this poet begs the title character “Tell me not, sweet, I am unkind”. For 10 points each:

[10] Name this cavalier poet of *To Lucasta, going to the Wars*.

ANSWER: Richard **Lovelace**

[10] “Stone walls don not a prison make, Nor iron bars a cage” according to this poem, Lovelace’s most famous work.

ANSWER: **To Althea, from Prison**

[10] Lovelace described this woman as “sweet and fair”, in a poem whose title asks “That she would dishevel her hair”.

ANSWER: **Amarantha**

7. This instrument represents the cat in *Peter and the Wolf*, and Mozart wrote a quintet for string quartet and this instrument. For ten points each:

[10] Give this woodwind instrument that plays the famed opening glissando in Gershwin’s *Rhapsody in Blue*.

ANSWER: **Clarinet**

[10] The two clarinet concertos by this composer are the cornerstone of its repertoire. He also composed the opera *Der Freischütz* and the first programmatic waltz, *Invitation to the Dance*.

ANSWER: Carl Maria von **Weber**

[10] Two answers required. Literally meaning “place where you play skittles”, Mozart’s *Kegelstatt Trio* was written for clarinet and these two other instruments.

ANSWER: **Piano**forte and **Viola**

8. Just because nobody’s seen them for at least 22 years, doesn’t mean they don’t exist. FTPE:

[10] The jewel *Yasakani no Magatama* is probably the only one of these three objects that still exists in its original form. Although they are not visible to the public, these objects are traditionally used in the enthronement ceremony of the rulers of their home country.

ANSWER: The **Imperial Regalia of Japan** [accept the **Three Sacred Treasures of Japan**, **Sanshu no Jingi**, or **Mikusa no Kandakara**, prompt on ‘Imperial Regalia’ or ‘Japan’ alone]

[10] Another of the Imperial Regalia is *Yata no Kagami*, one of these objects, which was used in Shinto myth to lure the goddess Amaterasu out of a cave.

ANSWER: **Mirrors**

[10] The final member of the Three Sacred Treasures is this sword, said to have been presented to Amaterasu after being found by the storm god Susanoo in the body of the serpent Yamata-no-Orochi.

ANSWER: **Kusanagi**-no-Tsurugi [accept **Ame-no-Murakumo-no-Tsurugi**]

9. These pig-shaped bonuses frighten and confuse me! FTPE:

[10] This video game series follows the misadventures of hapless pirate Guybrush Threepwood, and includes such activities as spitting contests, banjo fights, and Insult Swordfighting.

ANSWER: **Monkey Island** [accept **The Secret of Monkey Island**, **Escape from Monkey Island**, **The Curse of Monkey Island**, **Tales of Monkey Island** or **Monkey Island 2: LeChuck’s Revenge**]

[10] The *Monkey Island* games were created by this company, the gaming division of the company that created *Star Wars* and *Indiana Jones*.

ANSWER: **LucasArts** [accept **Lucasfilm Games**, prompt on ‘Lucasfilm’]

[10] The *Monkey Island* games are iconic of this genre of game, of which LucasArts produced several, including *Day of the Tentacle* and *Sam & Max Hit the Road*.

ANSWER: **Point-and-click** adventure games [prompt on ‘adventure’]

10. One essay in this collection, *Big Red Son*, describes its author's visit to the awards ceremony for "The Academy Awards of pornographic film". For 10 points each:

[10] Name this essay collection, which also discusses the ethics of boiling a certain creature alive.

ANSWER: **Consider the Lobster**

[10] *Consider the Lobster* was written by this American author of *Infinite Jest*.

ANSWER: David Foster **Wallace**

[10] In a review in *Consider the Lobster*, Wallace describes this author of *Toward the End of Time* as "Champion Literary Phallocrat".

ANSWER: John **Updike**

11. Jan Sobieski's breaking of the siege of this city led to Kara Mustafa Pasha's execution by strangulation. FTPE:

[10] Name this city that was unsuccessfully besieged by the Ottoman army in 1683.

ANSWER: **Vienna** (or **Wien**)

[10] Kara Mustafa Pasha led his army to Vienna against the advice of this Ottoman Sultan, known as "the Hunter", whose government became dominated by the Köprülü family in the late 17<sup>th</sup> century.

ANSWER: **Mehmed IV** ["fourth"] (Avci)

[10] Members of the Köprülü faction, like Kara Mustafa Pasha, held this office that assumed political importance under Mehmed IV and later came to act as a "prime minister". Mustafa Resid Pasha was a later holder of this title who enacted the Tanzimat reforms.

ANSWER: **Grand Vizier** (or **Vezir i-Azam** or **Sadr( i-)azam**, prompt on 'vizier')

12. In one work by this photographer, a lens flare from the left appears to illuminate the figure of Jawaharlal Nehru, addressing a crowd in the darkness after the assassination of Gandhi. FTPE:

[10] Name this photographer whose work of everyday street life includes an image of a man leaping across a large puddle, *Behind the Gare St-Lazare*.

ANSWER: Henri **Cartier-Bresson**

[10] Cartier-Bresson cited Martin Munkácsi's photograph of *Three Boys at Lake Tanganyika* as influencing his desire to capture this concept in his photographs. This phrase is the English language title of Cartier-Bresson's first major book, released in 1952.

ANSWER: the **decisive moment**

[10] Cartier-Bresson was also influenced by his work on films like *The Rules of the Game* with Jean, a director with this surname. Jean's father had painted the *Luncheon of the Boating Party*.

ANSWER: **Renoir**

13. Anyone for a curry? FTPE:

[10] The name of this type of curry derives from its two definitive ingredients, wine and garlic. It is a traditional Goan dish, although western versions deviate widely from the original recipes.

ANSWER: **Vindaloo**

[10] This tomato-based curry originates from the UK and is widely considered the hottest generally available, to the point that preparation of this curry can require the use of a gas mask.

ANSWER: **Phall**

[10] This English satirist, born in Calcutta in 1811, called curry "A dish for Emperors to feed upon" in his 1846 *Kitchen Melodies*.

ANSWER: William Makepeace **Thackeray**

14. This regime followed the motto of "God, Fatherland, and Family." FTPE:

[10] Name this regime, also known as its nation's Second Republic, that collapsed in the Carnation Revolution.

ANSWER: **Estado Novo** (or **New State**)

[10] The Estado Novo ruled this nation under the leadership of António de Oliveira Salazar. Together with the regime's fall, this nation lost colonies such as Angola and Mozambique.

ANSWER: **Portugal** (or the **Portuguese Republic** or **República Portuguesa**)

[10] This leader of the Socialist Party took charge of decolonisation negotiations after the Carnation Revolution, and in 1976 became Prime Minister at the head of a minority government. In 1986, this advocate of “Open Presidency” became the first civilian President for sixty years.

ANSWER: Mário (Alberto Nobre Lopes) **Soares**

15. In this form of spectroscopy, a peak at around 2240 inverse centimetres indicates the presence of a nitrile group. For 10 points each:

[10] Name this form of spectroscopy which uses wavelengths slightly longer than those in visible light.

ANSWER: **Infrared** Spectroscopy (accept **IR** Spectroscopy)

[10] The peaks associated with hydroxyl groups in IR spectroscopy are broadened due to the formation of these entities. These bonds are also responsible for the high boiling points of water and hydrofluoric acid.

ANSWER: **Hydrogen** Bonds

[10] One method of obtaining infrared spectra is to make a “mull” of the analyte chemical and this heavy paraffin oil before placing the mull in between a pair of lens plates.

ANSWER: **Nujol**

16. Organisations are guilty of this crime when “serious failures in the management of health and safety result in a fatality”. FTPE:

[10] Name this crime introduced to the statute books in England and Wales in 2008, that saw kayak manufacturer Pyranha Mouldings heavily fined in 2015 after a worker died in an industrial oven in 2010.

ANSWER: **corporate manslaughter** (prompt on “manslaughter”)

[10] Corporate manslaughter requires the management of activities to have been responsible for a “gross breach” of this tort law concept of responsibility towards a person undertaking an activity that could be harmful. This concept was used in the decision in *Donoghue v. Stevenson*.

ANSWER: **duty of care**

[10] A notable failure of previous manslaughter law was the failure to achieve a manslaughter conviction after this 1987 disaster. Despite the Sheen inquiry reporting a “disease of sloppiness”, directors were cleared of gross negligence manslaughter as no one manager could be found individually responsible for over 180 deaths.

ANSWER: capsizing of the **Herald of Free Enterprise**

17. Sweden don’t always win Eurovision, but...well, they’ve done pretty well. FTPE:

[10] Sweden are of course the reigning champions, as this man took home the victory in Vienna with his song ‘Heroes’, assisted by a troop of animated sidekicks.

ANSWER: Måns **Zelmerlöv**

[10] In 1984, Herreys would pick up Sweden’s second win with this memorably nonsensical song, which would later be released in English as ‘Golden Shoes’.

ANSWER: **‘Diggi-Loo, Diggi-Lev’**

[10] Sweden’s first, and probably most famous, win came in 1974, when ABBA took home the gold with this song, which has since become an unofficial anthem for the contest.

ANSWER: **‘Waterloo’** [accept teams breaking into karaoke renditions of the song]

18. This prime minister’s government resigned due to failures of military management during the Crimean War, leading to Lord Palmerston’s first ministry. FTPE:

[10] Name this prime minister who led a coalition government from 1852 to 1855.

ANSWER: George **Hamilton-Gordon**, 4<sup>th</sup> Earl of **Aberdeen** (accept either underlined name; accept Lord **Aberdeen**)

[10] This then-Peelite served as Chancellor of the Exchequer in Aberdeen’s coalition and removed over two hundred tariff duties in his budget. As a Liberal prime minister this politician sought Irish Home Rule.

ANSWER: William Ewart **Gladstone**

[10] The Aberdeen Coalition’s only member from this political group was Sir William Molesworth, who Gladstone later described as “very moderate, in office”.

ANSWER: **Radicals**



19. Sure, there's the Qur'an, but what about the other Islamic holy books? FTPE:

[10] Books such as *Sahih al-Bukhari* and *Sahih Muslim* collect these sayings and actions of the prophet Muhammad.

ANSWER: **Hadith** [accept **ahadith**]

[10] One holy text reputed to have come before the Qur'an was the holy book of Dawud, the *Zabur*, which is often identified with this book of the modern Bible.

ANSWER: Book of **Psalms** [accept **Tehillim**]

[10] Another pre-Quranic gospel is the *Injil*, reputed to be the original Gospel of this man, none of whose work is known to survive.

ANSWER: **Isa** [accept **Jesus**, **Christ** or other clear-knowledge alternatives, do not accept 'God']

20. A scene in *Guardians of the Galaxy* shows this animal wearing a USSR spacesuit in a glass cage in the Collector's museum. For 10 points each:

[10] Name this dog who flew on Sputnik 2, the first animal to orbit the Earth.

ANSWER: **Laika**

[10] Laika's predecessors in space include Albert, who was one of these animals. These animals give their name to a factor discovered by Karl Landsteiner and Alexander Weiner.

ANSWER: **Rhesus** Monkeys (or **Rhesus** Macaques), prompt on "monkeys" or "macaques"

[10] The first animals in space were actually members of this species who were launched on American V2 Rockets. White-eyed mutant variants of this species were studied by Thomas Hunt Morgan in his work on chromosomes.

ANSWER: **Drosophila Melanogaster** (accept **common fruit fly**, **vinegar fly**; prompt on "fruit fly")