ScotBowl 2019

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Packet 2: In space no one can hear the shape of a drum

1. Apparently a pictographic writing system, the earliest form of Chinese script is named for what objects? The majority of them date from the Shang dynasty, and were found at the historical capital Yinxu. Eventually supplanted by the I Ching, these objects were used for divination via plastromancy, scapulimancy, and pyromancy. Frequently made out of ox shoulder blades or turtle shells, they're also known as Dragon's Bones.
ANSWER: **Oracle Bones** (accept **Dragon's Bones** before read, prompt on just bones) <MB>

2. Which English county has won the most County Championships? This team played many of its early matches at Bramall Lane, now exclusively used for football. Some of the more famous captains of this side include Len Hutton, Darren Gough and current England captain Joe Root.
ANSWER: **Yorkshire** (do not accept West / South / East / North Yorkshire) <CH>

3. Which letter, when subscripted with a p, denotes those p-adic [pee addick] numbers whose expansion contains no negative powers of p? In homological algebra, this letter denotes a group of cocycles. The German word for 'number' begins with this letter, and accordingly a bold version of it is used to denote the integers.
ANSWER: **Z** <MB>

4. Monte Hacho in Ceuta is a possible candidate for the unknown Abila Mons, one of which pair of objects? The northern of these geographical features is Calpe Mons, a promontory on the southern coast of Spain known today as the Rock of Gibraltar.
ANSWER: the **Pillars of Hercules** <MB>

5. The war god Huitzilopochtli [weet-zill-oh-POSHT-lee] was born after Coatlicue [coh-at-LEE-kway] was impregnated by a ball made of what objects? Elsewhere in Aztec mythology , these objects cover the serpent Quetzalcoatl [ket-zal-COH-ahtel]. For this reason they decorated the shields of Aztec warriors and the headdress of emperor Moctezuma II.
ANSWER: **feathers** <MB>

6. The Eight, or A Nyolcak [ah NYOL-tsak], was an avant-garde art movement based in what modern day country? Inspired by a mystic vision at the age of 27 and calling himself a "sunway" painter, the eccentric Tivadar Csontváry Kosztka [CHONT-vah-ri COST-ka] was from this country, as was the artist of *Light-Space Modulator*, László Moholy-Nagy [MOW-hoy NAHJ].
ANSWER: **Hungary** <VB>

7. The Castel del Monte in Andria, the Mole Antonelliana in Turin, Botticelli's *The Birth of Venus*, Boccioni's *Unique Forms of Continuity in Space*, the Equestrian Statue of Marcus Aurelius, the Flavian Amphitheatre in Rome, a portrait of Dante Alighieri by Raphael, and the Vitruvian Man by da Vinci all feature on which specific items of currency?

ANSWER: **Italian euro coins** (prompt on partial answer, do not accept anything mentioning banknotes) <VB>

8. A "despot's champion", who lead "the human bloodhounds of the earth / To hunt the peasant from his hearth". This was James Hogg's assessment of which historical figure? He is known variously as "bloody", because of his suppression of covenanters in Galloway, and "bonnie", because of his army's victory and his own death at Killiecrankie, where he led a Jacobite force of 2,400 against a much larger army of 5,000.
ANSWER: **John Grahame** (or Bonnie **Dundee**, or Laird of **Claverhouse**, or Bloody **Clavers**, prompt on Grahame) <RCH>

9. Berkeley claimed it is like a board with holes in it; Disraeli wrote that it is a wheel; Montaigne contrasted it with the perpetual see-saw; Thackeray said it is a looking glass, and gives back to every man the reflection of his own face; Whitman sounded his "barbaric yawp" over the roofs of it; Voltaire asserted that all is right in it; finally, Shakespeare compared it to both an oyster and a stage. What is it?
ANSWER: the **world** <VB>

10. Which country had, before its suppression in 1965, the third largest communist party in the world? Led by D. N. Aidit, up to a million of its members were murdered in the aftermath of the 30th of September movement's failed coup. An immediate counter-coup by conservative army officers led to the deposition of the President Sukarno, whose successor, Suharto, remained in power until 1998.
ANSWER: **Indonesia** <RCH>

11. What film features two grand pianos, two donkeys, two pumpkins, two priests and the Ten Commandments being dragged by a man? In another scene, the protagonist's axillary hair appears on a young man's mouth. Renowned for a scene where a barber cuts his customer's eyeball, it was the result of a collaboration between Salvador Dalí and Luis Buñuel.
ANSWER: *Un chien andalou* (or *An Andalusian Dog*, or *Un perro andaluz*) <DA>

12. The rules of which strategy game include Parker's first principle, the Derbyshire Huff, and the Hooper's mainline variation? If players are not careful, they may end up "in Nidd" or "in Knip". Plays in this game, whose more refined Scottish version is named after Morningside, include Ongar, White City, or the traditional opener Oxford Circus, and the aim is to name the titular Tube station.
ANSWER: **Mornington Crescent** <MB>

13. One of this man's less astute ideas was that aging is caused by toxic gut bacteria, so he tried to prevent it by drinking sour milk every day. Awarded the Nobel Prize in 1908 in part for his explanation of the role of white blood cells in phagocytosis, who is this scientist? Along with Paul Ehrlich he is considered one of the founders of immunology.
ANSWER: Ilya Ilyich **Mechnikov** (accept Élie **Metchnikoff** or alternative French pronunciations) <VB>

14. "When you wake up in the morning, tell yourself: The people I deal with today will be meddling, ungrateful, arrogant, dishonest, jealous, and surly. They are like this because they can't tell good from evil." These words begin the second book of the most famous work of which philosopher? As a Roman emperor, he was probably the closest person to reach Plato's ideal of the philosopher-king.
ANSWER: **Marcus Aurelius** <JW>

15. Gilles Deleuze wrote an essay about the "formula" of the title character of this work, who ultimately dies of starvation in the Tombs, having applied that "formula" even to food. Subtitled *A Story of Wall-Street* and published as part of *The Piazza Tales*, what is this short story about a clerk who would prefer not to, written by Herman Melville?
ANSWER: ***Bartleby, the Scrivener***: *A Story of Wall-Street* <VB>

16. *Die Taubenpost* is considered the last lied written by which composer? Poems by Ludwig Rellstab, Johann Gabriel Seidl, and Heinrich Heine are set to music in his last song cycle, which shares its name with a poem its composer had earlier written a lied for, *Schwanengesang*; and follows his earlier *Winterreise.*
ANSWER: Franz **Schubert** <DA>

17. In the 1950s, Lithuanian-American archaeologist Marija Gimbutas formulated the Kurgan hypothesis, the most widely accepted proposal to identify the homeland of which language? The laryngeal theory posits that this language had more phonemes than those reconstructed by the comparative method.
ANSWER: **Proto-Indo-European** (accept **PIE**) <DA>

18. The first French-produced film to win the Academy Award for Best Picture, what film notably resulted in a social media campaign to "Consider Uggie" for several film awards, after the critical acclaim bestowed upon a scene-stealing terrier? The Oscar for Best Actor was later won by Jean Dujardin instead.
ANSWER: The ***Artist*** <FW>

19. Runner Ibrahim Aden, emperor Aurangzeb, thinker and historian Ibn Khaldun, and journalist and grandfather of Boris Johnson Ali Kemal were all people who performed what action? Omar Khadr and Mosa Zi Zemmouri performed this action while detained at Guantanamo Bay, and those who are able to prove having done this action by reciting from an arbitrary point in the text are called *hafiz.*
ANSWER: **memorizing the Quran** (accept **reciting the Quran**, **hafiz** or **hifz** before read) <VB>

20. "Proceeding from unlimited freedom, I end with unlimited despotism. I will add, however, that there can be no solution to the social formula except mine." In which Dostoevsky novel does the revolutionary theorist Shigalyev say this? Inspired by the murder of an ex-comrade by the circle around the nihilist Sergey Nechayev, it was adapted into a play by Albert Camus in 1959.
ANSWER: ***Demons*** (or ***Devils*** or ***The Possessed*** or ***Besy***) <RCH>

21. Although conserved by the electromagnetic and strong interactions, the Wu experiment of 1956 established that which property was not conserved by the weak interaction? This provided a solution to the Ozma problem, posed by Martin Gardner, which was to define an unambiguous notion of handedness.
ANSWER: **parity** (or **chirality**, accept **handedness** before read) <MB>

22. Which company spun off EOG resources, which now has a market capitalisation of 57 billion dollars, in 1999? For six years in a row between 1995 and 2000 Fortune Magazine named it as America's Most Innovative Company, and it also won an Ig Nobel prize for adapting "the mathematical concept of imaginary numbers for use in the business world" in 2002, the year after its bankruptcy.
ANSWER: **Enron** <RCH>

23. "The fact that so many books still name them as 'the greatest or most significant or most influential' ever only tells you how far rock music still is from becoming a serious art". These words of Piero Scaruffi

refer to what group? Lou Reed repeatedly called this band "garbage" and Quincy Jones declared them "the worst musicians in the world", despite having hits like *Octopus's' Garden* and *Ob-La-Di, Ob-La-Da*.
ANSWER: The **Beatles** <CH>

24. Which text is a scrambled fragment of *De finibus bonorum et malorum*, a work of philosophy written in about 45 BC by Cicero? Typically used in typesetting to preview document layouts, it is nonsensical Latin dummy text that shares many visual properties with real text. It is known by its first two words, which are often shortened to lipsum.
ANSWER: **Lorem Ipsum** (accept **lipsum** before mentioned) <MB>

25. [NOTE TO MODERATOR: read the numbers out as e.g. 'nine-nine-nine']
Extraterrestrial worlds 999, Phrenology 139, Painting 750, Agriculture 630, Law 340, Psychology 150, Zoology 590, and Linguistics 410, are some of the possible divisions of which library classification system?
ANSWER: **Dewey decimal** system (prompt on just decimal) <MB>

26. What four-letter word links: the first word of the motto of the Order of the Thistle; the oceanic pole of inaccessibility in the Southern Pacific which is the furthest point in the ocean from land; the captain of the ship Nautilus in *Twenty Thousand Leagues Under the Sea*; and the title character, voiced by Alexander Gould, of a 2003 Pixar film?
ANSWER: **Nemo** <RCH>

27. What structures are being described? Nero tried to construct one in Corinth, which was finally built in 1893. Ferdinand de Lesseps built one in north Africa. The longest in the world runs from Beijing to Hangzhou. The Scomenzera, the Cannaregio, and the Giudecca are all examples in Venice.
ANSWER: **canals** <MB>

28. What is the former name of the South Sudanese town of Kodok, on the White Nile? It is probably best known as the location of an 1898 war scare that brought to a head the territorial dispute in Africa between France and Britain, its namesake "incident".
ANSWER: **Fashoda** <MB>

29. "Today I am going to kill something. Anything. / I have had enough of being ignored and today / I am going to play God." These opening lines from *Education for Leisure* are the work of which Scottish writer? As well as receiving media attention because of the removal of her work from some school curriculums over concerns about violence, she is perhaps best known for holding the position of Britain's Poet Laureate since 2009.
ANSWER: Carol Ann **Duffy** <FW>

30. Resolved by the assumption of a dynamically expanding universe of finite age, what name is given to the problem describing the darkness of the night sky, despite the infinite nature of a static universe implying a light source in every direction? It is an apparent paradox named for a German astronomer.
ANSWER: **Olbers'** paradox <FW>

1. Three bonuses on optics. For five points each:

[5] For an optical system, this term describes the smallest angle through which the details of a target can be told apart. For a simple telescope, this quantity in radians can be approximated by dividing the observational wavelength by the diameter of the objective lens.

ANSWER: **angular resolution**

[5] This more complex approximation of angular resolution defines objects as "just resolved" when the principal diffraction maximum of one object overlaps the principal diffraction minimum of another.

ANSWER: **Rayleigh** criterion

[5] This concentric ring-shaped pattern results when a perfectly focused circular aperture is diffraction-limited, and is thus the smallest possible size to which a lens or mirror can focus a beam of light.

ANSWER: **Airy disc** (or **Airy pattern**) <FW>

2. Three bonuses on an explorer. For five points each:

[5] *Trinidad*, *San Antonio*, *Conception*, *Santiago* and *Victoria*, collectively named the *Armada de Molucca*, was a fleet of ships commanded by what explorer on his 1519 expedition to reach the Spice Islands?

ANSWER: Ferdinand **Magellan** (or Fernão de **Magalhães**)

[5] A detailed account of Magellan's expedition has reached us thanks to the meticulousness of this Venetian scholar who accompanied the crew as a supernumerary.

ANSWER: Antonio **Pigafetta**

[5] Pigafetta was wounded and Magellan killed in the Battle of Mactan between the Spanish-supporting forces and the warriors led by this chieftain. Nowadays he is honoured as the first Philippine national hero.

ANSWER: **Lapu-Lapu** (accept **Çilapulapu**, **Si Lapulapu**, **Salip Pulaka**, **Cali Pulaco**, or **Lapulapu Dimantag**) <VB>

3. Three bonuses on last words at the guillotine. For five points each:

[5] "Show my head to the people. It is worth seeing" were the last words of which revolutionary figure? He was a leading figure in the "Indulgent" faction of the Jacobins.

ANSWER: Georges **Danton**

[5] "O Liberty! What crimes are committed in thy name!" were the last words of Madame Roland, a leading figure in which party? Suppressed in the latter half of 1793, it was named for a French region.

ANSWER: **Girondins** (or **Girondists**)

[5] "It is a far, far better thing that I do, than I have ever done; it is a far, far better rest that I go to than I have ever known" are the final thoughts of which character before his execution? They appear in a book of 1859.

ANSWER: Sydney **Carton** (accept either **Carton** or **Sydney**; the book is *A Tale of Two Cities*) <RCH>

4. Three bonuses on a track and field event. For five points each:
[5] The Frisian fierljeppen [FEAR-leppen] is a version of what event, where the aim is to achieve distance rather than height?
ANSWER: **pole vault**
[5] This athlete is widely considered the greatest female pole vaulter of all time. She was the first woman to break the five metre record, and took Olympic golds in 2004 and 2008, although she was banned from the 2016 Olympics after the Russian doping scandal.
ANSWER: Yelena **Isinbayeva**
[5] This pole vaulter represented the USSR in the 80s and Ukraine in the 90s. He broke the men's pole vault record 35 times, including his 1994 record of 6.14 metres, which stood for nearly twenty years.
ANSWER: Sergey **Bubka** <MB>

5. Three bonuses on plants whose common English names also contain the names of unrelated animals. For five points each:
[5] Genus *Digitalis*, these flowers are produced on one tall stem. It is thought that they may be named for an early descriptor of the genus, German botanist Leonhart Fuchs.
ANSWER: **foxglove**
[5] *Araucaria araucana,* a hardy conifer tree native to Chile and Argentina. Its leaves are distinctly triangular and cover most of the tree, with the unusual branch shape giving a potential resemblance to a primate limb.
ANSWER: **monkey puzzle** tree (also accept **monkey tail**; prompt on monkey)
[5] With its European variety being *Malus sylvestris*, this name describes wild varieties of a commonly cultivated fruit. The fruits from these trees are usually smaller and more bitter than the domesticated variety.
ANSWER: (European) **crab apple** <FW>

6. Three bonuses on an American novelist. For five points each:
[5] Short stories *The Small Rain*, *Mortality and Mercy in Vienna* and *The Secret Integration* are parts of the collection *Slow Learner* by which postmodernist, who also wrote *Vineland*?
ANSWER: Thomas **Pynchon**
[5] *Gravity's Rainbow,* Pynchon's 1973 opus, prominently features these specific objects. Hits by these objects on London correlate highly with the locations of Tyrone Slothrop's sexual rendezvous.
ANSWER: **V-2** rockets (prompt on German rockets, bombs, missiles, etc.)
[5] This novel, Pynchon's second published, is his shortest. Oedipa Maass uncovers the shadowy underground postal service the Trystero, and the novel ends with the auction of a rare set of stamps.
ANSWER: The ***Crying of Lot 49*** <MB>

7. Three bonuses on violence in Black radical thought. For five points each:
[5] "The starving peasant, outside the class system is the first among the exploited to discover that only violence pays. [...] Colonization and decolonization is simply a question of relative strength." Which Martinique-born psychiatrist wrote these words during the Algerian Civil War?
ANSWER: Frantz **Fanon**
[5] Greatly influenced by Fanon, which creator of the term 'black power' wrote: "Is it not violent for a child to go to bed hungry in the richest country in the world? I think that is violent. But that type of violence is so institutionalized that it becomes a part of our way of life"?
ANSWER: Stokely **Carmichael** (also accept Kwame **Ture**)
[5] The intellectual influence of Carmichael and Fanon was key in the development of which black revolutionary organisation formed in Oakland in 1966 and led by Huey Newton?
ANSWER: **Black Panther** Party (The Black Panthers) <CH>

8. Three bonuses on scary stuff in maths and physics. For five points each:
[5] Robert Griess gave the first explicit construction of this object by looking at automorphisms of the Griess algebra, and called it the Friendly Giant, though the name did not stick. It is the largest of the 26 objects of its kind.
ANSWER: **Monster** group
[5] In quantum field theory these objects represent unphysical states that are required to preserve gauge invariance. Their "good kind" is named after Faddeev and Popov, while one of their "bad" kinds is named after Pauli and Villars.
ANSWER: **ghosts** (accept **ghost fields**, **ghost gauges**)
[5] In a famous thought experiment, this creature sits between two chambers of gas only letting fast molecules through from one side and slow molecules through from the other, which leads to a decrease of entropy of the system.
ANSWER: Maxwell's **demon** <VB>

9. Three bonuses on post-punk bands. For five points each:
[5] What Melbourne band was described as "the most violent live band in the world"? Possibly named after a Harold Pinter play, it was fronted by Nick Cave in the 1970s and early 80s.
ANSWER: **The Birthday Party**
[5] What Birkenhead band, formed in 1984 and fronted by Nigel Blackwell, are known for their sardonic and surreal lyrics? Their most recent album is 2018's *No-One Cares About Your Creative Hub So Get Your Fuckin' Hedge Cut.*
ANSWER: **Half Man Half Biscuit**
[5] There couldn't be a bonus round on post-punk bands without mentioning Joy Division. What was their original name, shared with a European capital and inspired by a track from the David Bowie album *Low*?
ANSWER: **Warsaw** <MB>

10. Three bonuses on Roman statesmen who actually managed to retire. For five points each:
[5] Which 5th century BCE figure was summoned from his farm and appointed dictator, in order to defeat the Aequi tribe? Upon gaining victory he resigned immediately, a mere 15 days after his appointment.
ANSWER: Lucius Quinctius **Cincinnatus** [kinkinnatus]
[5] Which general, who marched his armies on the city of Rome twice and was the first dictator since the Second Punic War, retired to his estate at Puteoli after finishing his second consulship?
ANSWER: Lucius Cornelius **Sulla** Felix
[5] Which emperor, notable for his persecution of Christians and institution of a tetrarchy, retired in 305 CE to a vast palace in Split, Croatia, where he cultivated vegetables?
ANSWER: **Diocletian** (or **Diocles** or **Gaius Aurelius Valerius Diocletianus**) <RCH>

11. Three bonus questions on a Scottish polymath and her works. For five points each:
[5] Which mathematician and astronomer became the first woman, along with Caroline Herschel, to be admitted on an honorary basis to the Royal Astronomical Society in 1835? She features on the current ten pound note issued by the Royal Bank of Scotland.
ANSWER: Mary **Somerville** (also accept **Fairfax** or **Grieg**)
[5] Somerville is best known for her translation into English and expansion upon of *Mécanique Céleste*, a five-volume work by which eminent nineteenth-century mathematician, who has been called the "Newton of France"?
ANSWER: Pierre-Simon **Laplace** [la-PLASS]
[5] What now-ubiquitous term, coined in 1833, was first used to describe Somerville in a review of her work by William Whewell, as "man of science" was considered inaccurate?
ANSWER: **scientist** <FW>

12. Three bonuses on a place in Central America. For five points each:
[5] Which region of swampland and rainforest, straddling the Panama-Colombia border for about 100 miles, is the only break in the Pan-American Highway?
ANSWER: The **Darién Gap** (prompt on just Darien)
[5] In the late 17th century, the Darien Scheme was an attempt by which kingdom to build a colony in modern-day Panama? It failed badly after only two years.
ANSWER: **Scotland**
[5] Which Keats sonnet ends with the lines "Or like stout Cortez when with eagle eyes / He star'd at the Pacific — and all his men / Look'd at each other with a wild surmise — / Silent, upon a peak in Darien."?
ANSWER: *On* first looking into *Chapman's Homer* <MB>

13. Three bonuses on a family in Italian literature. For five points each:
[5] This novel focuses on the struggles of a nobleman Don Fabrizio to reconcile with the aftermath of Garibaldi's Expedition of the Thousand. Its author, Giuseppe Tomasi di Lampedusa, was also the last in a line of Sicilian nobility.
ANSWER: *The Leopard* (or *Il Gattopardo*)
[5] Another Sicilian aristocrat, Julius Evola, wrote this work analysing the type of human capable of achieving the titular feat. An example of extreme traditionalism, it is considered a major influence on contemporary neo-fascism.
ANSWER: *Ride the Tiger*
[5] Italo Calvino wrote a short story titled *The Garden of Stubborn [these animals]* in which Marcovaldo follows Tabby into the secret city of these animals normally hidden from humans.
ANSWER: **cats** <VB>

14. Three bonuses on the architecture of Yale University. For five points each:
[5] Which American was professor of architecture at Yale from 1947-57? He designed the University's art gallery as well as its Centre for British Art. His other works include the Salk Institute and the National Assembly in Bangladesh.
ANSWER: Louis **Kahn**
[5] What is the architectural term for an exterior non-structural wall of a building? The Yale University Art Gallery features one of these walls made of glass, and the world's first building featuring a glass wall of this type is Peter Ellis's 1864 Oriel Chambers in Liverpool.
ANSWER: **curtain** wall
[5] Which granite modernist library building in Yale has a facade constructed of translucent panes of marble, to protect the rare books within? It has been described as a 'jewel box', and the central glass-walled structure containing the books inspired the similar design found in the British Library.
ANSWER: **Beinecke** Rare Book & Manuscript Library <MB>

15. Three bonuses on British rivers that share a name. For five points each:
[5] Two rivers of this name in East Anglia are prefixed by "Great" and "Little": the "Great" is the fourth longest in the UK. Rivers of this name run through Newhaven and Selby, and the latter is the sixth longest in the UK.
ANSWER: **Ouse**
[5] Rivers of this name empty at Whitby, and at Ravenglass in Cumbria. Dumfries and Galloway has a "border" river of this name, and Angus has a "North" and a "South" river of this name.
ANSWER: **Esk**
[5] Falkirk and Strathspey both contain rivers of this name. Rivers of this name flow through Salisbury, Keynsham [cane-sham], and Stratford.
ANSWER: **Avon** <MB>

16. Three bonuses on a leader's last days. For five points each:
[5] Who boasted that "There was no Zaire before me and there will be no Zaire after me?" This was proven correct after his successor renamed the country the Democratic Republic of the Congo.
ANSWER: **Mobutu** Sese Seko (or Joseph-Desiré **Mobutu**)
[5] Which war saw Mobutu ousted from power by a coalition including Congolese Tutsis, long time opponents like Joseph Kabila, and neighbouring countries like Rwanda and Namibia?
ANSWER: **First Congo War** (prompt on Congo War, do not accept "Second Congo War")
[5] Mobutu's final completed act was ordering the cremation by a Hindu priest of which Catholic's remains? They died, along with the president of Burundi, when their plane was shot down outside Kigali, on April 6th 1994.
ANSWER: Juvenal **Habyarimana** <RCH>

17. Three bonuses on a series of monuments. For five points each:
[5] This line of twelve crosses from Lincoln to London was erected to memorialise the English queen, who died in 1290, from whom they get their name.
ANSWER: **Eleanor** Crosses
[5] Eleanor of Castile was wife to this English king, known as Longshanks.
ANSWER: **Edward I**
[5] This area derives its name in part from the final Eleanor cross. It is customarily regarded as the centre of London.
ANSWER: **Charing Cross** (prompt on just Charing) <MB>

18. Three bonuses on interpretivist sociology. For five points each:
[5] Which foundational sociologist argued that the expansion of 'formal rationality' to every aspect of the world had led to a 'disenchantment' of everyday life in works such as *Economy and Society*?
ANSWER: Max **Weber**
[5] Which company did George Ritzer argue represented the apotheosis of the rationalisation process described by Weber? This company was founded in San Bernardino, California in 1940.
ANSWER: **McDonald's**
[5] Zygmunt Bauman proposed a Weberian analysis of which 20th century event? He argued that it was not an aberration but "in keeping with everything we know about our civilisation," and that "[it] left behind and put to shame all its alleged pre-modern equivalents, exposing them as primitive, wasteful and ineffective by comparison".
ANSWER: **Holocaust** (or **Shoah**) <CH>

19. Three bonuses on a style of painting. For five points each:
[5] Which method of ancient painting had four styles: incrustation, architectural, ornamental, and intricate? This method could be found in most cities, but the best preserved examples were found in Pompeii.
ANSWER: **Roman wall painting** (or **frescoes**)
[5] A notable example of Roman wall painting features Achilles surrendering which figure to Agamemnon, an episode originally described in Homer's *Iliad*?
ANSWER: **Briseis**
[5] All four styles of Roman wall painting, and all original paintings within those styles, were created before which 79 CE natural disaster?
ANSWER: the **eruption of Vesuvius** <JW>

20. Three bonuses on 20th century English composers and hymns. For five points each:
[5] Which lifelong agnostic was the musical editor of the 1905 *English Hymnal*? In it he arranged the folk songs *Dives and Lazarus* and the *Ploughboy's Dream* for the hymns "I heard the voice of Jesus" and "O little Town of Bethlehem", respectively.
ANSWER: Ralph **Vaughan Williams**
[5] Vaughan Williams also commissioned other composers to write hymn tunes, including Gustav Holst, who penned *Cranham* for which Christina Rossetti Christmas carol?
ANSWER: *In the Bleak Midwinter*
[5] Based on the poem *The Brewing of the Soma* by the quaker John Greenleaf Whittier, which hymn claims that God is found not "in the earthquake, wind or fire" but in the "still, small voice of calm"? It's often set to an aria from the oratorio Judith by Hubert Parry, a teacher of Vaughan Williams.
ANSWER: **Dear Lord and Father of Mankind** <RCH>