

“UW B” (Brittany Bentley, Nate Beutel, William Butler, Steven Canning, Andrew Hunter, Colin McNamara)

1. One ruler in this conflict, when presented with demands to acknowledge his opponent’s authority, replied with a scornful letter calling the other leader a “young man...drunk with a 10 day success”, which included the capture of Alamut. The invading force in this event broke the dikes and canals, flooding the defenders’ camps and Chinese engineers used palm stumps and house foundations as projectiles. Because al-Mutasim was a religious as well as political leader his blood was not visibly shed as he was sewn into a carpet and trampled. During this event the translation center *Bayt al-Hikma* was destroyed and survivors said the Tigris ran black with ink and red with blood. For ten points, identify this 1258 event that involved the capture and sacking of Abbasid caliphate capital by Hulagu Khan and the Ilkhanate.

ANSWER: **Siege of Baghdad** [accept answers that mention Baghdad and synonyms of destruction]

2. In June 2013, it was announced that one of these facilities near the village of Nizhnelenskoye, Russia would be expanded to facilitate Chinese access. A U.S. Federal Appeals court recently ruled that Alabama discriminates against the operators of these installations by exempting their competitors from a certain tax. In 2009, Warren Buffett bought the BNSF one of these for \$26 billion dollars. Liu Zhijun, who used to oversee these entities in China, was in July 2013 sentenced to death for being corrupt. These have become a popular method to transport the products of Bakken because of delays in pipeline construction. For 10 points, name these lines of transport, one of which was the site of a recent oil explosion in Quebec.

ANSWER: **railroads** [or **trains**; or **railcars**]

3. One member of this group is told “Who are you...that I should bend so low?” Their confiscation of one item is due to the loss of Brightroar. One member is killed by “little birds” after being shot with a crossbow. Maggy the Frog was killed by one member of this group, who is protected by an extremely tall man who supposedly is vowed to silence. Another lost his virginity to a woman who was not a prostitute, despite what his brother later told him. Another was shot after sleeping with his son’s lover; that man negotiated for a massacre begun when “The Rains of Castamere” played. Another member, who prevented the destruction of a city by wildfire by becoming known as Kingslayer, fathered three children on his sister. Their words are “Hear me roar!” With members like Jaime, Cersei, Tywin, and Tyrion, for 10 points, name this noble family from A Song of Ice and Fire who always pay their debts.

ANSWER: House **Lannister**

4. These cells do develop properly in people with XLA. CXCL13 acts to attract these cells. One cancer of these cells results from a translocation involving chromosomes 8 and 14 altering myc expression. Malignant forms of these cells are the primary target of Rituximab. CD79 works with and helps carry out the function of these cell’s namesake receptor. These cells migrate to the germinal centers. VDJ recombination takes place in marrow developing precursors of these cells. The two main types of these cells are memory and plasma. For 10 points, name these cells that produce antibodies.

ANSWER: **B** cells [prompt on **lymphocyte**]

5. A sculpture of cow bones spelling out the word “kaput” is the artistic project of a childhood friend of one character in this novel. Advanced cancer is found in another character after tissues are smuggled out in honey during the Tree of Life and she opts to kill herself via a Death Angel mushroom. After having to leave the Martha Graham Academy one character takes a dancing job where she briefly becomes trapped in the StickyZone. While hiding out at the AnooYoo spa, one character in this novel chooses the code name Inaccessible Rail when she is introduced to the game *Extinctathon*. This novel follows the lives of two former God’s Gardeners Toby and Ren after the Waterless title event. For ten points, identify this second book in the MaddAdam trilogy by Margaret Atwood, the sequel to *Oryx and Crake*.

ANSWER: The **Year of the Flood**

6. "Shall we stoop to insult? No, no" is the ensemble's response to a request that the "smartest topman" "refrain...his suit from pressing." A ugly and "three-cornered" chap tells them in turn "You must submit, you are but slaves." The lead sings a song prepared for the lower branches by a man who "served a term as office boy to an attorney's firm", and rejoices that he is an Englishman. A later work references it via a character who can "whistle all the airs from that infernal nonsense"; that character is the Major General. Dick Deadeye comes to give warning to the right good Captain (who is "never ever (well, hardly ever)" sick at sea) that his daughter Josephine will run off with [pronunciation note: "rafe"] Ralph Rackstraw instead of marrying the First Lord in, for 10 points, this Gilbert and Sullivan comic opera about a namesake ship and her gallant crew

ANSWER: **HMS Pinafore**

7. Despite never receiving formal staff training, this man once briefly led the Hungarian 9th Hussar Regiment. The woman he married was not of sufficiently royal birth to be eligible, thus such figures as Pope Leo XIII, Nicholas II and Wilhelm II had to intercede with emperor Franz Joseph I before he finally relented; her name was Sophie Chotek. In 1913, as heir-presumptive to the throne, this man was appointed inspector general of the armed forces of Austria-Hungary. For ten points, name this archduke whose assassination sparked World War I.

ANSWER: Franz **Ferdinand**

8. The simple beam type is only supported at two points, which leads to high shear loads. While better known for an eponymous tower, Gustave Eiffel created a number of these, such as the ones near Garonne, Compagnie, and Duoro, mostly built with steel. Another kind uses beams only supported at one end, usually in symmetric pairs, the cantilever type. The largest ones rely on keeping compressive forces in large vertical pillars and tension in the namesake cables; these are the suspension kind. Positive feedback loops driven by wind led to the catastrophic failure of one of these objects near Tacoma, "Galloping Gertie." For 10 points name this category of objects with types like suspension, arch, Jeff, cantilever, and truss, which span obstacles like bodies of water.

ANSWER: **bridges**

9. One theory that was espoused by Frank Ellis holds that part of this poem is addressed to the "Stonecutter Poet." This poem conjectures that for some of its subjects, "Chill Penury repressed their noble rage." The speaker of this poem hears a beetle's "droning flight" in the "solemn stillness." At one point the speaker imagines a future in which a "hoary-headed swain" is asked about speaker's fate. This poem contains an epitaph that describes "a youth to fortune and to fame unknown." The speaker notes that here might be a "Cromwell guiltless of his country's blood" or "Some mute inglorious Milton." This poem's first line is "the curfew tolls the knell of parting day." For 10 points, name this poem by Thomas Gray.

ANSWER: **Elegy Written in a Country Churchyard**

10. By its own postulate, this philosophy is the only epistemological position that can be neither refuted nor defended. The metaphysical variety of this philosophy has a weaker variant known derived by Caspar Hare known as egocentric presentism or perspectival realism. It holds that we may be just brains in vats and that any induction is fallible. The methodological variant of this philosophy maintains that even what we perceive as the brain is part of the external world. For ten points, name this philosophy that holds that the only thing which can be known for sure to exist is one's own mind.

ANSWER: **Solipsism**

11. A western state in this nation restricted a certain minority to only two children. A leader of the 969 movement, described by some as this country's bin Laden, called that religious minority "mad dog[s]." In March, dozens of Muslims were killed in Meiktila, and ongoing attacks on the Rohingya in this nation's state of Rakhine have been incited by Buddhist leader Ashin Wirathu, causing many to flee to a western neighbor's district of Chittagong. This nation's military dictatorship implemented a constitution in 2008 that bans Nobel laureate Aung San Suu Kyi from becoming president. For ten points, name this southeast Asian nation bordering Bangladesh whose largest city and until recently capital is Yangon.

ANSWER: **Burma** [or Republic of the Union of **Myanmar**]

12. An architect with this surname designed Detroit's Fox Theatre and the former Olympia Stadium. Another person with this surname was sent with Henry Churchill King by the U.S. government to investigate the sentiments of the former Ottoman territories during the Paris Peace Conference. The red-crowned species of this type of animal can be found in Japan and is highly endangered. One author with this surname wrote a short story in which the Swede is murdered at a saloon after going to the title lodging. Another endangered type of this animal that migrates to Wood Buffalo National Park for breeding gets its name from its loud call. For 10 points, give this word that names a type of construction machine, a bird of which there is a whooping species, and the surname of Ichabod in *The Legend of Sleepy Hollow*.

ANSWER: **crane**

13. Morgan Jones opposed this action because of the vagueness of the phrase "on request from the people." This decision was supported by the Amulree Commission. This event occurred during and led to the end of Frederick Alderdice's Prime Ministership. The government which decided to go forward with this action was saddled with debt from WWI and was left with few options after the riotous collapse of the Richard Squires administration. For 10 points, name this 1933 event that resulted in a certain dominion coming under a British appointed Commission of Government.

ANSWER: The Dominion of **Newfoundland giving up responsible government** [accept anything indicating Newfoundland decided to give up self rule such as **Newfoundland suspending the constitution**]

14. Bianca Lawson played one character's love interest, who was not yet out to her conservative parents. That love interest, Maya, was sent to rehab after Pam Fields found her stash. Another character plagiarized her sister's award-winning paper. The N.A.T. club started by Jason DiLaurentis and Ian filmed Rosewood residents, including a girl blinded by fireworks; that girl is Jenny. Emily is tricked into using steroid-laden creams, jeopardizing her swim team captaincy. One title character was tormented over her weight by the now-dead Allison. Another character suspects her mother knows about an illicit relationship only to find her mother believes Fitz is dating her fellow student Spencer, not Aria. Based on books by Sara Shepherd and revolving around blackmail and mayhem by a mysterious "A", for 10 points name this show about four young girls with many secrets.

ANSWER: **Pretty Little Liars**

15. The Reissner-Nordstrom version accounts for charge but not rotation. The magnitude of its determinant is a component in the natural volume form on the underlying space. The isometry group of a manifold preserves it. Its namesake connection preserves it under parallel transport. Multiplication by it or its inverse combined with a contraction will raise or lower an index of the multiplicand. If its quadratic forms in the associated vector space at each point has the same signature, then it (and the manifold it acts on) is pseudo-Riemannian. It has only diagonal elements in flat space. For 10 points, name this concept from relativistic physics, a generalization of the Euclidean dot product, an infinitesimal measure of distance on a manifold.

ANSWER: **metric** tensor

16. One of this man's plays was twice a flop – the first when the audience thought they were going to see boxing and tight-rope walking and the second time when the theatre was taken over by people looking for a sporting event. That play was *The Mother-in-Law*. Moliere was inspired by one of this man's plays in which one man has his brother raise one of his sons and they later fight over who did a better job. One of this man's plays was adapted both by Machiavelli and Thornton Wilder and he was praised by Julius Caesar as a "lover of pure speech" because this playwright wrote in conversational Latin. For ten points name this Roman playwright noted for adapting Menander, the author of *Andria* and *The Eunuch*.

ANSWER: **Terence** or Publius **Terentius Afer**

17. Once after being burned in an oven, ground into dust and thrown into a river by their enemies, the members of this group regenerated into a pair of catfish. These figures were asked by the storm god to defeat an arrogant deity which they did by getting Grandmother and Grandfather to remove his jewels and teeth. They also dealt with his son the Earthquake by feeding him poisoned bird meat. This group was placed on anthills by relatives in an attempt to kill them but instead they turned the relatives into monkeys. With the aid of a rat they found their father and uncle's ball game equipment. For ten points, identify these two brothers who travel to the underworld to play the ball game in the *Popul Vuh*.

ANSWER: Maya **Hero Twins** [accept **Hunahpu and Xbalanque**]

18. The square blocks used in the layout of this city are known as manzanas, and the only neighborhood in this city not based on the usual manzanas is Parque Chas. To the west, the limits of this city are determined by the Avenida General Paz. To the south and southeast, the limits are determined by the Matanza River. To the northeast and east, the limits are determined by the world's widest river, the Río de la Plata. For ten points, name this city which contains the Casa Rosada and the Plaza de Mayo, the current national capital of Argentina.

ANSWER: **Buenos Aires**

19. This man wrote a short story in which a man returns home only to be accused of being a lying shadow because of his description of a schooner and other elements of the modern world. In a fairly racist short story, this author described a future history in which in response to a slow invasion of the Chinese into Central Asia, China is first attacked with biological weapons, then all survivors killed, and finally China repopulated with Europeans. This man wrote "The Unparalleled Invasion," "Nam-Bok, The Liar," and "A Piece of Steak." One of his works is about the troubles of a chechaquo. He wrote a short story set at Henderson Creek in which the fall of snow from a tree stops the title phenomena leading to a man's death and his dog going off in search of a new food provider. For 10 points, name this author of "To Build a Fire."

ANSWER: Jack **London**

20. Pascal is not his favorite programming language. Only his coauthor, not he himself, created the entity that his most famous book discussed. However, he used it to implement popular tools like cron. In "The Elements of Programming Style" he told readers that "debugging is twice as hard as writing a program in the first place. So if you're as clever as you can be when you write it, how will you ever debug it?" He, Aho, and Weinberger's initials name a programming language for line-oriented text processing. With Lin he devised heuristics for graph partitioning and the traveling salesman problem. For 10 points, name this Canadian computer scientist partially naming AWK, coiner of the term Unix and author with Ritchie of "The C Programming Language."

ANSWER: Brian **Kernighan**

21. One person from this place was last seen in public accepting a palm from a bishop. Her younger sisters Beatrice and Agnes followed her to an institution that rejected the rule of Benedict for not being severe enough. One location found here was built on the Hill of Hell where criminals had been executed. That location is the site of Legenda Maior-inspired frescoes, attributed to Giotto. Another site found here is where a cloth merchant's son received a message, the church of San Damiano. That man is the first said to have had stigmata and founded a mendicant order of Friars. For ten points, name this Italian city, site of the Basilica of San Francesco and the birthplace of St. Clare and St. Francis.

ANSWER: **Assisi**

22. The SAGE experiment used an underground vat of nearly 50 tons of this substance in an attempt to measure the solar neutrino flux by observing Germanium production. Its namesake scan uses salts of its radioactive isotopes for medical imaging, since its +3 oxidation state mimics iron in the body. Along with indium and tin, it forms an almost-eutectic and liquid-at-room-temperature alloy that often replaces mercury in medical thermometers. The nitride of this element is a semiconductor used primarily for LEDs, and the laser diode found in Blu-Ray players uses this as well. It can be obtained as a secondary product from refining sphalerite for zinc production, but the largest industrial source is as a byproduct of alumina production in the Bayer process. For ten points identify this silvery metal that takes its name from France.

ANSWER: **gallium**

23. Its northern extent is known as Anchor Bay and its southwest is the most urbanized area. Though its average depth is only 11 feet, a deeper shipping channel is maintained to facilitate travel between the larger lakes to its north and south. Beaches along its shores are frequently listed among the most polluted in the U.S., but nevertheless it is a haven for sport fishing. Inflows include the Sydenham, Clinton, and Thames rivers, but the most volume comes from its namesake river which connects it to Lake Huron. For ten points, identify this lesser member of the Great Lakes system that connects to Lake Erie via the Detroit River.

ANSWER: Lake **St. Clair**

24. A 2006 study using high-speed electronic framing-streak cameras demonstrated that the action of these structures operates as quickly as 700 nanoseconds. The mechanism of such explosive action is still debated, but it may be driven by the 15 megapascal pressure provided by the charged gamma-glutamate matrix inside the capsule or a rapid intake of water when the operculum opens. Prey capture is typically accomplished by the desmoneme variety, while the stenotele variety which features an open-ended thread for delivering toxins. Along with spirocysts and ptychocysts they are a type of the namesake structure of their phylum, a structure which members of phylum Ctenophora, also known as comb jellies, lack. For ten points, identify this structure, a secretion of the cnidae and the mechanism by which jellyfish sting.

Answer: **nematocyst** (accept **cnida** before it is mentioned)

1. Answer these questions about Canadian partial differential equations used in physics for 10 points each (just kidding about Canadian, but PDEs are for real):

[10] This fundamental elliptic equation's solutions are the harmonic functions, which are steady states of the heat equation. Any electrostatic potential in free space (without charges) satisfies this equation.

ANSWER: **Laplace's** equation

[10] Laplace and many other constant-coefficient PDEs can be solved by the use of this transform named after a Frenchman, which maps derivatives of some variable to multiplication by the same variable and a constant. It expresses functions in a frequency basis.

ANSWER: **Fourier** transform

[10] Change a sign of one term in Laplace's equation, and you get the wave equation, a hyperbolic equation. Unlike parabolic equations like the heat equation, whose solutions given any initial conditions are nonzero everywhere at any finite time, the wave equation has this property where bounded initial conditions remain bounded after finite time.

ANSWER: **finite propagation** speed

2. Used for nearly 6000 years, the drive lanes above the cliff were marked by stone cairns, for ten points each:

[10] The loess at this former kill site in Alberta contains a wealth of archaeological information about the people of the North American Plains in accumulated bones, stone tools and weapons and tipi rings.

ANSWER: **Head-Smashed-In Buffalo Jump** or **Estipah-skikikini-kots**

[10] Head-Smashed-In Buffalo Jump shares this designation bestowed by a United Nations agency to places of special cultural or physical significance

ANSWER: **UNESCO World Heritage Site**

[10] Another UNESCO World Heritage Site in Canada is this Newfoundland site of the first iron working in the New World, the Viking colony of Straumfiord with three longhouses and five smaller buildings.

ANSWER: **L'Anse Aux Meadows**

3. This multinational corporation has generated significant controversy over its practices of biological patents and genetically engineered crops. For ten points each:

[10] This corporation manufactures such products as the herbicide glyphosate, known as Roundup, and previously produced DDT and Agent Orange.

ANSWER: **Monsanto**

[10] Monsanto recently completed the purchase of this private security contractor, which gained an unsavory reputation due to abuses during the Iraq war, such as massacres of civilians. Contractors for this company were responsible for the September 16, 2007 Baghdad shootings that killed 17 and injured 20.

ANSWER: **Blackwater** OR **Xe** Services OR **Academi**

Blackwater was founded in 1997 by Al Clark and this other former Navy SEAL. In 2011, this man took a position of training Somalis for anti-piracy efforts in the Gulf of Aden.

ANSWER: Erik **Prince**

4. [Note to moderator: Do not read alternate answers.]

Among fears of assimilation and marginalization, a lack of land titles and lots laid out according to the Seigniorial system caused anxiety leading to this event, for ten points each:

[10] Before an official transfer of land could be made from the Hudson's Bay Company in 1869 a survey party was sent by Governor William McDougal which precipitated this conflict begun when the survey party was turned back by the Métis near the US border.

ANSWER: **Red River Rebellion** or **Red River Resistance** or **Red River Uprising** or **First Riel Rebellion** [DO NOT read the last alternative answer]

[10] This man, often called the Father of Manitoba, was a leader of the Métis during the resistance as well as the North-West Rebellion. He also served as president of the provisional government declared by the Métis National Committee.

ANSWER: Louis **Riel**

[10] In addition to dissuading American expansionists, this military force was sent to the Red River Colony to confront Riel and the Métis. Its arrival at and taking of Fort Garry effectively marked the end of the Rebellion.

ANSWER: **Wolseley Expedition**

5. The structure and content of this work was a strong influence on *The Refinement of Character* by Miskawayh, for ten points each:

[10] Miskawayh quoted heavily from this work which defines *eudaimonia* as the highest aim of humanity as well as the idea that character virtues are means between two extremes.

ANSWER: **Nicomachean Ethics** [or *Ethika Nikomacheia* or *Ethikon Nikomacheion* or *Ethica Nicomachea* or *De Moribus ad Nichomachum*]

[10] This Greek philosopher also known as XYZ and as “the first teacher” in Arabic wrote *Nicomachean Ethics*, naming it for his son.

ANSWER: **Aristotle** [or *Aristoteles* or *Aristu*]

[10] Books VIII and IX discuss this virtue, a bridge between the virtues of character and intellect. He divides this virtuous relationship between people into three types: those based on utility, those based on pleasure and those based on what is good.

ANSWER: **Friendship** [accept *philla* or reasonable equivalents of friendship]

6. In one of this author’s short stories, the Indo-Canadian Shaila is forced to deal with the death of her children in a terrorist attack. For 10 points each:

[10] Name this author of “The Management of Grief”, “A Wife’s Story”, and *Jasmine*.

ANSWER: Bharati **Mukherjee**

[10] Mukherjee wrote a novel about the daughter of one of these creatures. Kipling included one named Shere Khan in his *Jungle Book* stories.

ANSWER: **tiger**

[10] The terrorist attack in “The Management of Grief” takes place on this island. Other stories that take place on this land include “An Encounter” and “Counterparts”.

ANSWER: **Ireland**

7. Answer some questions about a great empire, for ten points each:

[10] This 15th century ruler of an empire previously conquered by Mali made that empire independent, conquering Timbuktu and Djenné.

ANSWER: **Sonni Ali** [accept *Sunni Ali Ber*]

[10] Sonni Ali may be considered the founder of this former West African empire on the Niger River.

ANSWER: **Songhay** Empire [accept *Songhai* or *Songhoi*]

[10] This man founded the second ruling dynasty of the Songhay, completed a hajj along the lines of Mansa Musa and expanded the empire to its widest extent. His tomb complex in Gao is the largest pre-colonial architectural monument in the area.

ANSWER: **Askia Muhammad** the Great [accept *Muhammad Ture* or *Askia Muhammad I*]

8. Answer these questions about quote-unquote sports played by nerds.

[10] Pros like Parting (known for his strong 2012 play with Immortal/Sentry) and Innovation dominate play in the top Code S league of this game series. Day[9] might be the most famous American associated with the game.

ANSWER: **Starcraft**

[10] Another popular game in esports is this most famous example of the genre of games like Aeon of Strife or League of Legends. Five heroes kill creeps in lanes, jungle, gank one another, and bring down towers on their way to destroying the namesake structure.

ANSWER: **Defense of the Ancients** [or *DOTA*]

[10] Somehow even dweebier than competitive video gaming is this real-life sport played with four balls. Players designate their roles with colored headbands and imitate the magical powers traditionally associated with players by always holding a toy broom between their legs. Friends don’t let friends play this game with one human ball representing a elusive golden winged target.

ANSWER: Muggle **Quidditch**.

9. This element is often found as eight atoms joined into a ring. For 10 points each:

[10] Name this element used in vulcanization. One atom of it combined with one atom of hydrogen forms a gas that smells like bad eggs.

ANSWER: **sulfur** [prompt on **S**]

[10] Sulfur is found in this group of the periodic table along with oxygen and selenium. They are sometimes called chalcogens.

ANSWER: **6A** [or **VIA**; prompt on **chalcogens**]

[10] This functional group consists of a sulfur double bonded to two oxygens and single bonded to two R groups.

ANSWER: **sulfone**

10. He painted a woman playing a lute. For 10 points each:

[10] Name this artist of *View of Delft*.

ANSWER: Johannes **Vermeer** [or Jan **Vermeer**]

[10] Vermeer painted both a woman with this type of necklace and a girl with this type of earring. In the later painting, the girl is wearing a blue turban.

ANSWER: **pearl**

[10] Vermeer also painted woman standing and sitting near this type of musical instrument. The “seated” painting also features a viola da gamba and a copy of 'The Procuress' by Dirck van Baburen is on the wall of the room.

ANSWER: **virginal**

11. This man wrote “A pal’s last need is a thing to heed, so I swore I would not fail,” for ten points each:

[10] This man wrote the above poem which also contains the line “There are strange things done in the midnight sun” as well as the poems “The Call of the Wild” and “The Spell of the Yukon”.

ANSWER: **Robert W. Service**

[10] Service’s “The Cremation of Sam McGee” used the form of this English author’s “The Ballad of East and West” and he was also often, possibly derisively, called the Canadian version of this man.

ANSWER: **Rudyard Kipling**

[10] Service also wrote this poem about a conflict between a “Dangerous” man and a miner who plays a song on the piano about “hunger and night and the stars” as well as “the lady that’s known as Lou”

ANSWER: **“The Shooting of Dan McGrew”**

12. The first transatlantic telegraph cable landed in Canada, but took days to transmit a few words. Answer some questions about electrical transmission lines.

[10] The first successful analysis of the cable’s problems was done by this namesake of a SI base unit, who invented the mirror galvanometer to read faint signals and demonstrated that capacitance issues led to an inverse square relation between effective transmission speed and cable length.

ANSWER: William **Thomson** [or Lord or Baron **Kelvin**].

[10] Inductance also played a role in cable transmission, as demonstrated by the telegrapher’s equations created by this man. He showed that the ratio of resistance along a cable to the leakage conductance to ground must be equal to the ratio of inductance to capacitance between conductors for transmissions to pass losslessly, his eponymous condition: this can be approximated by adding discrete inductors periodically with loading coils.

ANSWER: Oliver **Heaviside**

[10] If Heaviside’s condition doesn’t hold, transmissions exhibit this effect, where the phase velocity of a wave varies with its frequency.

ANSWER: **dispersion**

(Visuals at the End of Packet)

13. Identify the US national park that is the location of these vacation photos Colin McNamara took, for ten points each.

[10] http://farm1.staticflickr.com/127/378759946_3673547af0_b.jpg

(Photo A)

ANSWER: **Death Valley** National Park

[10] http://farm1.staticflickr.com/34/69564485_db24eb8de7_b.jpg

(Photo B)

ANSWER: **Yellowstone** National Park

[10] http://farm1.staticflickr.com/24/58993535_ffcdbe89f8_b.jpg

(Photo C)

ANSWER: **Badlands** National Park

14. This band's discography includes a bawdy song written by Shel Silverstein about a mermaid and her reverse-mermaid sister, for ten points each:

[10] This folk-rock band had charting singles with "When I'm Up", "Consequence Free" and "Ordinary Day" which Stockwell Day and the Canadian Alliance used without permission during the 2000 Canadian Federal Election.

ANSWER: **Great Big Sea**

[10] Their traditional album "The Hard and the Easy" as well as the songs "England" and "What Are You At" are from or about this home province of theirs, also the setting of the series "Republic of Doyle" which uses their song "Oh Yeah" as their theme song.

ANSWER: **Newfoundland and Labrador**

[10] The source of the title for "The Hard and the Easy" comes from this 19th century song on the album, about a horse named Kitty who gets trapped in an icy pond and pulled out with the assistance of the Overs and Whites.

ANSWER: **Tickle Cove Pond**

15. Tightly coordinated railway deployment necessitated detailed war plans and swift decisions about action, one cause for this war's sudden beginning. For 10 points each,

[10] Name this conflict sparked by the Black Hand's action in Sarejevo with battles at Jutland, Ypres, and Marne.

ANSWER: **World War I** [or **First World War** or, if you're ninety, the **Great War**]

[10] British entry into WWI was due to what this man called a "mere scrap of paper" promising the defense of Belgium. He was Chancellor of the German Empire from 1909 to 1917, and manipulated British correspondence during the Serbian crisis.

ANSWER: Theobald von **Bethmann Hollweg**:

[10] Germany invaded Belgium in order to flank the French armies as devised by this man's eponymous plan for invasion. He wrote a famous paper on the battle of Cannae, and his theories on maneuver and encirclement were influential on the development of Blitzkrieg and maneuver warfare.

ANSWER: Count Alfred von **Schlieffen**

16. He wrote the rather depressing *Songs on the Death of Children* after two of his succumbed to scarlet fever. For 10 points each,

[10] name this author of symphonies called "Titan", "Ressurrection", and "of a Thousand".

ANSWER: Gustav **Mahler**

[10] This Mahler composition is the longest work in the standard orchestral repertoire (thankfully, the best parts are the first ten minutes and the last ten minutes, so feel free to fall asleep, says the question writer.) An alto solo, a women's choir, and a children's choir are all required; in the fifth movement they sing of a "sweet song [that] with blessed joy rang in heaven." The opening *Kraftig* movement begins with a F major horn march.

ANSWER: **Symphony** No. **3** [or **Third Symphony**, or whatever]

[10] Mahler generally disliked this composer of *Schicksalslied* and a symphony sometimes called Beethoven's Tenth. His largest choral composition is his *German Requiem*.

ANSWER: Johannes **Brahms**

17. In this play, Bernard finds a copy of Ezra Chater's "The Couch of Eros." For 10 points each:

[10] Name this play that switches back in forth in time at Sidley Park.

ANSWER: **Arcadia**

[10] Arcadia is by this author of *Hapgood* and *Travesties*.

ANSWER: Tom **Stoppard** [or Tomas **Straussler**]

[10] In *Arcadia*, this character goes grouse hunting with Lord Croom and Augustus. In real life he wrote *Don Juan* and "She Walks in Beauty."

ANSWER: Lord **Byron** [or George **Gordon** Byron]

18. The Russo-American Treaty of 1824 established this as the southern border of Russian territory in America. For 10 points each:

[10] this line became the rallying cry for expansionists in the United States. Ohio Senator William Allen coined the phrase "[this line] or fight!"

ANSWER: **54-40**

[10] The southern border of Oregon Territory was set by this treaty with Spain. This 1819 treaty also gave the United States all Spanish territory east of the Mississippi, including Florida.

ANSWER: **Adams-Onis** Treaty [or **Transcontinental** Treaty, prompt on Florida Treaty]

[10] Despite initially insisting on all of Oregon to the 54-40 border, this president settled for the current 49th parallel as the boundary between the US and British Canada. He also tried to buy Cuba from Spain for \$100 million.

ANSWER: James Knox **Polk**

19. According to one First Nations band, a woman in the upper world became pregnant with a daughter and fell to earth. For 10 points each:

[10] name this band whose stories of a meeting between the two creators gives rise to the False Face society, which carves its masks from living trees.

ANSWER: **Iroquois** [accept **Haudenosaunee**; accept any of the Six Nations of the Iroquois, since they all have similar myths: **Mohawk** or **Kanien'gehaga**; **Oneida** or **Onyota'a:ka**; **Onondaga**; **Cayuga**; **Senaca** or **Onöndowága**; **Tuscarora**]

[10] Before Sky Woman gave birth, this animal, in some stories, managed to get soil from the waters of the great deep. After the dirt was placed on its back, it grew to become the land. The origin story of a clan named for this animal mentions its stony back and sharp beak.

ANSWER: **turtle**

[10] Sky Woman's daughter died giving birth to the creator twins. In some stories, these crops known as the Three Sisters grew from her body. Name all three.

ANSWER: **corn** [or **maize**], **beans** and **squash** [or **pumpkins**]

20. Answer some questions about a medical current event for ten points each:

[10] This corona virus was first detected in 2012 and is named for a region of the world.

ANSWER: **Middle East Respiratory Syndrome Coronavirus**

[10] Most MERS cases so far have occurred in this country. Thus, health officials have warned elderly Muslims not to undergo the Hajj this year.

ANSWER: The Kingdom of **Saudi Arabia**

[10] This type of animal is currently the leading candidate to be the source of the virus. This type of animal has been responsible for 6 out of the 7 post 1970 human rabies cases in Canada.

ANSWER: **bat** [or **chiroptera**]

21. For U.S. legal entities, doing this activity overseas is illegal under the Foreign Corrupt Practices Act. For 10 points each:

[10] Name this use of money to influence a government official. Walmart has come under fire for its handling of cases of this in Mexico.

ANSWER: **bribery**

[10] Along with tax evasion, this vice president under Nixon was charged with bribery.

ANSWER: Spiro Theodore **Agnew**

[10] In 2011, Transparency International ranked this country's companies along with Swiss as being perceived as least likely to bribe foreign officials. However, in the 1950s Lockheed bribed this nation's Prince Bernhard in a failed attempt to get it to buy Lockheed Starfighters.

ANSWER: Kingdom of the **Netherlands**

22. Puritans instigated its creations by pointing out issues with the Great and Bishop's bibles. For 10 points each,

[10] name this 1611 translation, the third English bible, ordered by the son of Mary Queen of Scots.

ANSWER: **King James Bible** [or **King James Version** or **Authorized Version**].

[10] James instructed the translators to rely on earlier bibles, such as the eponymous translation of this man, the first to publish an English translation. His opposition to Henry VIII's divorce led to his arrest by Holy Roman Emperor Charles V, who charged him with heresy and had him burnt at the stake for his "mistranslated" bible supporting anti-clericalism.

ANSWER: William **Tyndale**

[10] Tyndale's theology was influenced by this man who answered to the Diet of Worms and wrote a famous condemnation of indulgences.

ANSWER: Martin **Luther**

Photos for visual bonus
A



B



C

