Bergen Academies Spring Quizbowl Tournament II [BASQT II]

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Round 6: Tossups

1. One film from this nation is based on the short story "Roadside Picnic" and centers on the Writer and Professor being led to the Zone; a film by the same director mimics the process of memory and is titled Mirror. Snapshots of a day in the life of a city in this nation are featured in the documentary Man with a (*) Movie Camera. Another director from this nation filmed a movie that was entirely black-and-white except for a single red flag, and that film featured fetid meat and a mutiny on the title vessel. Dziga Vertov and Andrei Tarkovsky hail from, for ten points, what nation of the director of Battleship Potemkin, Sergei Eisenstein?

ANSWER: <u>Union of Soviet Socialist Republics or Soviet Union</u> (prompt on "Russia")

2. Jan Dismas Zelenka wrote over 20 of these compositions for the Dresden court, including one of the votive kind. Guillaume de Machaut is the first single composer known to have composed one of these pieces in entirety. A work of this type by J.S. Bach features a seven-voice fugue in its (*) Credo portion and a Christe eleison written in the style of an operatic love duet. According to a legend, one of these pieces by Palestrina dissuaded the leaders of the Council of Trent from banning the use of polyphony in church music. For ten points, name this type of composition, a musical setting of sacred text for Catholic Eucharistic liturgy.

ANSWER: mass

3. Matthias Corvinus led the Black Army and invaded this city in 1485, before depriving it of its status as a staple port. Count Baillet von Latour was lynched by a mob in this city, during an uprising leading to bombardments by (*) Croatia. Kahlenberg Mountain near this city was the site of the defeat of Kara Mustafa Pasha by united Polish and Holy Roman troops; earlier, it had been unsuccessfully besieged by the Suleiman the Magnificent and the Ottoman army. The seat of the Habsburg family was – for ten points – what capital city of Austria?

ANSWER: Vienna

4. Sun and Steel is an autobiographical essay by this author describing his relationship to his body; that work is subtitled Art, Action, and Ritual Death. In one of his works, a character feels that capitalist businesses are changing society and plans to overthrow them. In that novel, (*) Runaway Horses, a lawyer warns the main character should not participate in the league but is called a coward as a result. Mizoguchi remembers the words of Rinzai Roku and proceeds to burn down the title location in another of this author's books. For ten points, name this author of The Temple of the Golden Pavilion.

ANSWER: Yukio Mishima (Accept Kimitake Hiraoka)

5. It's not the liver, but erythropoietin is produced in this organ, and prolactin increases its synthesis of calcitriol. Hartnup disease affects production of nicotinamide, which is part of neutral amino acid transporter production in the proximal tubules of this organ. Neural signals from this organ travel to the (*) T10 and T11 vertebrae in humans, and ultrafiltration occurs at its Bowman's capsules. This organ is found below the adrenal gland, and a concentration gradient is created by its Loops of Henle. For ten points, nephrons filter blood in what paired bean-shaped organs? ANSWER: kidneys

6. This person criticized the European Court of Human Rights for "moving the goalposts" to block the deportation of Abu Qatada. After riots in 2011, this politician denounced the use of water cannons and stop-and-search by the police. In 2016, Andrea Leadsom claimed that this politician's lack of children meant (*) she didn't have "a very real stake" in the future; after winning that campaign, she appointed Philip Hammond to replace George Osborne. She also appointed Boris Johnson as Foreign Secretary despite her opposition to Brexit. For ten points, what Conservative succeeded David Cameron as Prime Minister of the UK?

ANSWER: Theresa May

7. When this is done on textiles, a mordant is often used to create designed fabrics like chintz. One artwork made in this way includes an emaciated horse and rider and a flying angel as part of the series *Apocalypse*. Intaglio is a form of this technique which usually uses metal and creates grooves for ink, unlike (*) ukiyo-e and woodblock forms. This process can be accomplished using a silk-screen, and many copies of Marilyn Monroe and Campbell's Soup Cans were created by Andy Warhol in this way. For ten points, name this technique used to mass produce art practiced by artists like Katsushika Hokusai to create *36 Views of Mount Fuji* and Albrecht Dürer.

ANSWER: printing or printmaking (accept woodblock printing, prompt on engraving)

8. Circus bears were blamed for the loss of this commodity in an 1883 "war" in New York during which railroads used for its transport were blocked by "spilling committees". Regulations permitting the production of this substance using rBST were passed in 1993 by the (*) Food and Drug Administration. Clement Attlee's government passed a law requiring schoolchildren to receive a third of a pint of this substance daily, although it was "snatched" away by Education Secretary Margaret Thatcher. For ten points, pasteurization made safe to drink what white beverage, often produced from cows?

ANSWER: milk

9. In one section of this work titled "Brute Neighbors", the author discusses his fishing trip with William Ellery Channing, and features one of their conversations through a poet and a hermit. The narrator finds John Field and his family in a ramshackle hut after he ventures pass Flints Pond and (*) the titular body of water. In the first section of this work, the narrator discusses how he lived next to a pond in Concord, Massachusetts for 2 years and 2 months, which was actually the property of his mentor, Ralph Waldo Emerson. For ten points, name this book by Henry David Thoreau about living in nature.

ANSWER: Walden

10. Arthur Schopenhauer wrote a critique of this man in *The World as Will and Representation*, arguing that he had altered the meaning of "noumenon". This promoter of deontological ethics considered having goodwill in performing an action to be the only universal good. This philosopher espoused the belief that one can know with certainty only within the context of one's mind, (*) transcendental idealism. That work explains that philosophy's axioms are based on experience, and he put forward his universal categorical imperative. For ten points, name this German thinker, the author of *Critique of Pure Reason*.

ANSWER: Immanuel Kant

11. This scientist posited an aperiodic crystal in the book *What is Life?*, where a thermodynamical interpretation of biology is introduced. This scientist stated in *Annals of Physics* that the partial time derivative of a (*) wave function is directly proportional to the result of the Hamiltonian operator applied to it. The term "entanglement" was coined in a discussion about one of this man's thought experiments on the superposition of quantum states, where the detection of radioactivity releases poison into a box. For ten points, name this Austrian physicist who hypothesized a namesake cat.

ANSWER: Erwin Schrödinger

12. This character's first son, Robert, is a Green Beret, and he is one of two survivors of a plane crash on Sugarbush Mountain. This man is shown a pornographic picture of a woman and a Shetland pony by Roland Weary, and his wife Valencia dies of carbon monoxide poisoning. He has a child with the "blue movie" star Montana Wildhack while living in a zoo on (*) Tralfamadore. After sharing a room a veteran's hospital with Eliot Rosewater, he invites the author Kilgore Trout to his anniversary party. He "has become unstuck in time" before surviving the fire-bombing of Dresden. For ten points, name this protagonist of Kurt Vonnegut's Slaughterhouse Five.

ANSWER: **Billy Pilgrim** (accept either)

13. Beate Sirota wrote about gender equality in this work, whose Chapter X calls human rights "fruits of the age-old struggle of man to be free". The House of Peers was abolished under this document and replaced by a bicameral Diet. Article 9 of this document renounces (*) war "as a sovereign right of the nation", while Article 2 calls for hereditary transfer of the Chrysanthemum Throne. An amendment to this document is supported by Prime Minister Shinzo Abe["a-beh"]. For ten points, what document became the national law after approval by Emperor Hirohito?

ANSWER: **Constitution** of **Japan**

14. Practitioners of this religious tradition rescue the protagonist in a Darren Aronofsky film before requesting that he help them connect to God. The 10 Emanations are each considered an aspect of God by adherents to this tradition, who also believe in a tripartite (*) soul. The concept of God before the act of creation is referred to as Ein Sof in this school of thought. Ein Sof is explained in one of this schools' most important books, the Zoha, an Aramaic commentary on the Torah. For ten points, name this tradition of Jewish mysticism.

ANSWER: **Kabbalah** (do not accept or prompt on Judaism or any denomination of Judaism)

15. This location was the site of the first World Wide Web server outside of Europe, and Sebastian Thrun led the winning team of the 2005 DARPA Grand Challenge while here. Burton Richter discovered the J/psi [jay-sai] meson at this institution's (*) Linear Accelerator Center, where the tau lepton was also discovered. Christina Maslach stopped one experiment at this school in which number 416 went on a hunger strike; that Philip Zimbardo-led study featured volunteers roleplaying as abusive guards. For ten points, what California university was the site of a prison experiment?

ANSWER: **Stanford** University

16. This man wrote a memoir in which he described being attacked by a mob while in a Venezuelan limousine, one of *Six Crises*. During one campaign he claimed to have a "secret plan" to end an ongoing war. He led the investigation of Alger Hiss, and he gave a 1952 speech named for his (*) dog, Checkers. He participated in the first televised presidential debate against the eventual winner, John F. Kennedy. He served as Dwight D. Eisenhower's Vice President, and his Vice Presidents were Spiro Agnew and Gerald Ford. For ten points, name this thirty-seventh President of the United States, who resigned following the Watergate scandal.

ANSWER: Richard Milhous Nixon

17. The Metaphysical Club was created by the founder of this school of thought. That man was Charles Sanders Peirce ["purse"]. This philosophical movement was later expounded by the author of "The Will to Believe," a lecture about this philosophy's justification of religious belief. (*) That man was "the Father of American Psychology" William James. Educational reformer John Dewey and member of this school considered truth to be what gives "satisfaction". For ten points, name this philosophical school which considers the practical value of holding a belief.

ANSWER: Pragmatism

18. The composer of this work was introduced to the its subject by Clifford Bax, one of its movements begins with flutes and harps alternating between tritones. Violins playing 16th notes open the fourth movement, eventually transitioning to an "Andante maestoso" section famed as (*) "I Vow to Thee, My Country". Its first movement is written in five-four time, and the underlying rhythm is initially played by *col legno* strings and timpani, the latter of which also features prominently in a section subtitled "the Bringer of War." For ten points, name this suite by Gustav Holst, whose movements include "Jupiter, the Bringer of Jollity."

ANSWER: The Planets

19. The lowest known melting point of a metal is for an alloy of these elements, which are constituents of Zintl phase compounds. These elements crystallize in the body-centered cubic structure, and electron affinity decreases down the column until (*) relativistic effects take over with the sixth, francium. These s-block elements have the highest second ionization energy, due to their single valence electron. Sodium and potassium are – for ten points – members of what group of elements at the leftmost end of the periodic table?

ANSWER: <u>alkali metal</u>s (prompt on <u>group 1</u> or <u>group IA</u>; do not accept or prompt on partial answers; do not accept anything with "alkaline")

20. In one line from this work, a group "could not laugh or wail" "with throats unslaked, with black lips baked". One character of this poem cannot help but listen to the title character despite hearing a loud bassoon signifying the arrival of the (*) bride. The protagonist of this poem confesses to the Wedding Guest that he might've angered spirits "from the land of mist and snow" after he shot the Albatross. The sailor's ship capsizes and leads to "water, water everywhere, nor any drop to drink". For ten points, name this poem by Samuel Taylor Coleridge.

ANSWER: Rime of the Ancient Mariner

TIEBREAKER:

This character's "uncle Abner Moore" would take care of him in Goshen, to which Mrs. Judith Loftus calls him "Sarah Mary Williams George Elexander Peters". He shoots a pig and destroys his home to feign his murder by robbers, and sees neighbors shoot (*) cannons over a nearby river to see if his corpse would rise. This character becomes involved in the Grangerfords' and Shepherdsons' feud, and witnesses the scams of the Duke and the Dauphin. Rescuing escaped slave Jim from the Phelps farm is – for ten points – what friend of Tom Sawyer?

ANSWER: Huckleberry Finn (accept either underlined part)

Round 6: Bonuses

1. This album was adapted into a stage musical in 2009. For ten points each,

[10] Name this album, whose songs include "Holiday," "Jesus of Suburbia," and "Boulevard of Broken Dreams." Its cover features a hand holding a heart-shaped grenade.

ANSWER: American Idiot

[10] *American Idiot* was written by this band, whose frontman is Billie Joe Armstrong. Other albums of theirs include *Revolution Radio* and *21st Century Breakdown*.

ANSWER: Green Day

[10] In the stage adaptation of *American Idiot*, songs were added from *21st Century Breakdown*, including this song. The singer of this song asks, "Do you know what's worth fighting for, when it's not worth dying for?"

ANSWER: "21 Guns"

2. According to this poem, it is "better that her shattered hulk / Should sink beneath the wave". For ten points each:

[10] Name this 1830 poem that saved the "eagle of the sea" from being decommissioned.

ANSWER: "Old Ironsides"

[10] Name this author of "Old Ironsides", an American poet whose son served on the Supreme Court.

ANSWER: Oliver Wendell Holmes, Sr.

[10] Holmes was one of this group of New England poets, whose ranks also included Henry Wadsworth Longfellow, and whose poetry tended towards standard structures and rhyming schemes.

ANSWER: Fireside Poets (accept Schoolroom or Household Poets)

3. These awards are named after the founder of the trailblazing magazine *Amazing Stories*. For ten points each:

[10] Name these awards given annually by the World Science Fiction Society to works in the science fiction and fantasy genres.

ANSWER: **Hugo** Awards

[10] This science fiction author won several Hugo Awards, including one for his 1956 short story "The Star" and one for his 1972 novel *Rendezvous with Rama*.

ANSWER: Arthur C. Clarke

[10] In this Clarke novel, loosely based on his 1948 short story "The Sentinel" and a screenplay by Clarke and Stanley Kubrick, the computer HAL 9000 kills Frank Poole and is deactivated by Dave Bowman.

ANSWER: 2001: A Space Odyssey, prompt on just 2001

4. In a December 1941 naval engagement off the coast of Malaysia, the United Kingdom suffered a crippling loss to the Empire of Japan. For ten points each:

[10] Name this squadron led by a battleship and a battlecruiser that was dispatched to the Far East to check Japanese expansion, only to lose those ships..

ANSWER: Force Z

[10] Name either of the two capital-ships lost by Force Z, one named after the title given to the heir-apparent to the British throne and the other ironically describing what Force Z failed to do.

ANSWER: HMS Prince of Wales or HMS Repulse

[10] The losses by Force Z were the first time in history capital ships were sunk due to this kind of attack.

ANSWER: air**plane**s (accept anything that implies an aerial strike)

- **5.** The first of these points lies about 1.5 million kilometers from the Earth. For ten points each:
- [10] This is the term for a point in a two-body gravitational system where an object affected only by gravity would maintain a stable position relative to the two bodies.

ANSWER: Lagrangian point

[10] There are this many Lagrangian points. Two of them each form equilateral triangles with the two bodies, and the rest are collinear.

ANSWER: **five**

[10] The term "trojan" was first used to describe asteroids at the L4 and L5 points of this gas giant. This planet's gravity may have inhibited trojan formation near Saturn.

ANSWER: Jupiter

- **6.** This medium was used to produce Alfred Stieglitz's *The Steerage*. For ten points each.
- [10] Name this medium first pioneered by artists like Joseph Niepcé and Louis Daguerre in the mid 19th century and practiced with a camera.

ANSWER: **photography** or taking **photographs** or **taking pictures**

[10] This photographer was a founding member of Group f-stop 64. His images of Yosemite National Park like *El Capitan* became influential in conservationist movements.

ANSWER: Ansel Adams

[10] Adams and f-stop 64 were opposed to this photographic movement. Stieglitz's photographs were often in this style, characterized by a dull focus rather than the sharp contrast of Adams' photos.

ANSWER: pictorialism

- 7. Lawrence Kupers is the attorney for this action in the United States. For ten points each:
- [10] Name this action that can be undertaken only by the President for federal criminals.

ANSWER: Presidential pardon

[10] This U.S. President pardoned his predecessor, Richard Nixon, in 1974.

ANSWER: Gerald Ford (or Leslie Lynch King, Jr.)

[10] This American heiress was kidnapped by the Symbionese Liberation Army. She was arrested in 1975 for her activities with that group, but she was fully pardoned in 2001.

ANSWER: Patricia Campbell "Patty" Hearst (or Patricia Hearst Shaw)

- **8.** This philosopher stated "Is he able, but not willing? Then he is malevolent," in reference to God. For ten points each:
- [10] This Greek philosopher is said to have first pointed out the problem of evil, which questions how to reconcile the existence of both an omnipotent, omnibenevolent god and evil.

ANSWER: **Epicurus**

[10] This is the name given to books or arguments attempting to reconcile the problem of evil. A notable example is the Irenaean.

ANSWER: Theodicy

[10] Voltaire's *Candide* was written to criticize Gottfried Leibniz's theodicy, in which he coined this phrase. Dr. Pangloss repeatedly ignores misfortunes and claims he lives in this hypothetical construct.

ANSWER: **Best of All Possible Worlds**

- **9.** Operation Barbarossa was the Nazi plan for this action. For ten points each:
- [10] Name this military action that the Germans achieved by attacking Ukraine before laying siege to Leningrad.

ANSWER: <u>invading</u> the <u>Soviet Union</u> (accept equivalents or <u>invading Russia</u> or equivalents)

[10] This empire invaded Kievan Rus from the east in the 13th century under Batu. Their rule over Russia is known as their "yoke".

ANSWER: Mongol Empire

[10] Centuries later, this country fought border skirmishes with the USSR in Mongolia. The largest battle during that conflict was the Battle of Lake Khasan.

ANSWER: Japan (prompt on "Manchukuo")

- 10. The title character of this collection marries Guinevere and commands the Round Table. For ten points each;
- [10] Name this reworking of a collection of tales concerning the titular King of Britain and his Knights, first published by William Caxton in 1485.

ANSWER: <u>Le Morte d'Arthur</u> (Accept <u>The Death of Arthur</u>)

[10] Le Morte d'Arthur was revised by this 15th century English writer who wrote the collection while he was a "Knight Prisoner".

ANSWER: Sir Thomas **Mallory**

[10] In *Le Morte d'Arthur*, this man was allowed to get in bed with Igraine at the sacrifice of giving up the conceived child to Merlin for rearing.

ANSWER: <u>Uther Pendragon</u>

- 11. Male priests in this religion are known as Houngans. For ten points each:
- [10] Name this religion, most common in Haiti, which features in the unreachable Bondye and the loa, angelic intermediaries.

ANSWER: Vodou

[10] Vodou religious ceremonies either take place in the home or in this type of religious building, complete with altar and post for contacting the loa.

ANSWER: **Hounfour**

[10] While worshipping at a hounfour, one might seek assistance from a female priestess, given this name in vodou. A holder of this position attempts to keep the loa and the spirits of the community at peace.

ANSWER: Mambo

- 12. The Church of Jesus Christ of Latter-Day Saints is one of the largest religions in Utah. For ten points each:
- [10] Name this founder of the LDS Church. An angel told him where he could find golden tablets, which he reproduced as the Book of Mormon.

ANSWER: Joseph Smith

[10] This other Mormon text has five internal books, including the Book of Moses and the Articles of Faith.

ANSWER: Pearl of Great Price

[10] This Mormon body was modeled after Jesus' apostles. Brigham Young was President of this body before becoming the 2nd President of the LDS Church.

ANSWER: **Quorum of the Twelve** Apostles

13. In one work in this collection ends with the lines, "It is the hour of departure. Oh abandoned one." For ten points each:

[10] Name this collection of romantic poems which includes the poem "Tonight I Can Write" and begins with "Body of a Woman".

ANSWER: Twenty Love Poems and a Song of Despair

[10] *Twenty Love Poems and a Song of Despair* is a collection by this Chilean poet, who wrote the *Height of Macchu Picchu* in another collection, Canto General ["heh-neh-rahl"].

ANSWER: Pablo Neruda (Accept Ricardo Eliécer Neftalí Reves Basoalto)

[10] Pablo Neruda often wrote in this color of ink because he believed it symbolized hope.

ANSWER: green ink

14. This country has taken in the most refugees during the Syrian Civil War. For ten points each:

[10] Many refugees pass through this nation which borders the European Union. A deal between the EU and this nation to reduce migration includes renewed membership talks and access to the Schengen passport-free zone.

ANSWER: Turkey

[10] This Greek island near Turkey has processed many of the migrants; the people of this island were nominated for a Nobel Peace Prize in recognition of the aid given to the refugees.

ANSWER: Lesbos

[10] A picture of a young boy of this ethnicity made international news when he washed ashore dead on Lesbos. This largest Middle Eastern ethnic group without an independent nation forms a large portion of the refugees.

ANSWER: Kurd

15. The Iberian Peninsula was subject to this war movement in resistance to Muslim rule. For ten points each:

[10] This period of Iberian history consists of Christians retaking Spain from the Moors.

ANSWER: Reconquista

[10] This caliphate had occupied the Iberian Peninsula and established the city of Cordoba.

ANSWER: **Umavyad** Caliphate

[10] This Frankish king captured the Umayyad city Narbonne; his son, Charlemagne, fought the Battle of Roncevaux Pass, further continuing the Reconquista.

ANSWER: **Pepin the Short** or **Pepin III**

16. For ten points each, answer some questions about Spain-related music.

[10] This Spanish style of music heavily utilizes the guitar and castanets. Dances to this style of music frequently include foot stamping and wrist twisting.

ANSWER: flamenco

[10] *España* is a piece written after this French composer's vacation to Spain. Other works of this composer include *Picturesque pieces* and *Joyeuse marche*.

ANSWER: Emmanuel Chabrier

[10] This opera, set in Spain, tells of Don José's tumultuous relationship with the titular gypsy. This opera includes arias such as the "Habanera" and "Toreador Song."

ANSWER: Carmen

- **17.** Answer some question related to open-source computing. For ten points each:
- [10] This open-source range of operating systems are based on the kernel written by Finnish software engineer Torvalds and are the basis for the Android and Chrome operating systems.

ANSWER: Linux

[10] This is the term used to refer to a specific Linux operating system. Examples include Red Hat Linux and Arch Linux.

ANSWER: **Distro** or **Distribution**

[10] This Linux distribution's name is a swahili word expressing interconnectedness; its latest release, version 16.10, is codenamed Yakkety Yak.

ANSWER: Ubuntu

- **18.** Single-celled examples of these organisms are called yeasts. For ten points each:
- [10] Name this group of organisms made of filaments called hyphae with chitinous cell walls. Mushrooms are some of the most familiar members of this biological kingdom.

ANSWER: fungi or fungus

[10] This is a symbiotic combination of a fungus and a photosynthetic organism like algae or cyanobacteria. These organisms are often able to inhabit harsh climates and substrates, like bare arctic rock.

ANSWER: lichens

[10] Fungi are also important in helping land plants grow. These formations in plant roots where fungal hyphae grow in close association with plant root cells are integral for nutrient uptake.

ANSWER: mycorrhizae or arbuscular mycorrhizae or endomycorrhizae

- **19.** A ramp spirals around the interior of this building. For ten points each:
- [10] Name this New York art museum, originally founded as the Museum of Non-Objective Art. It was designed as an "inverted ziggurat".

ANSWER: The Solomon R. **Guggenheim** Museum or The **Guggenheim**

[10] The Guggenheim Bilbao was designed by this architect to look like a metal ship. In addition, he used a similarly undulating style for a building dedicated to brain health at the Cleveland Clinic.

ANSWER: Frank Owen Gehry

[10] Gehry's works have often been compared to this movement of architecture due to his use of asymmetrical façades. Zaha Hadid and Daniel Libeskind design works in this organic movement which suggests tearing down of buildings, rather than the creation of them.

ANSWER: Deconstructivism

- **20.** The "liquid" type of these are used in television displays. For ten points each:
- [10] Name this kind of material with a lattice structure whose types include face-centered and body-centered cubic.

ANSWER: crystal

[10] This principle states that the symmetry group of a crystal under an external force is the greatest common subgroup of the crystal without the influence and the influence.

ANSWER: Curie principle

[10] Pierre Curie's law for paramagnetic materials states that magnetization is directly proportional to the quotient of magnetic field and this quantity.

ANSWER: temperature

EXTRA:

Answer some questions about fictional depictions of musical history. For ten points each:

[10] This play depicts Mozart as an effortlessly talented and extremely rude prodigy. Based on a play by Pushkin, it was also adapted into the 1984 winner of the Academy Award for Best Picture.

ANSWER: Amadeus

[10] The play "Amadeus" was written by this man who also wrote, "Equus," a play about the mental state of a stable boy who had to kill six horses.

ANSWER: Peter Shaffer

[10] This composer thought of himself as Mozart's rival in "Amadeus." He falsely claims to have killed Mozart so that he would be remembered.

ANSWER: Antonio Salieri