

## **Bulldog High School Academic Tournament 2017 (XXVI): Revenge of the BH-SAT**

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### **Packet 5 Tossups**

1. **A 1968 Supreme Court case upheld this non-New York state's use of "stop and frisk"-style policing, which is thus known as a *Terry* stop after that case. A court case from this state was the origin of Potter Stewart's comment "I know it when I see it" with respect to pornography. In 1969, a statute in this state was held to violate the free speech rights of a KKK leader named Clarence (\*) Brandenburg. The Supreme Court found that prosecutors in this state could not use evidence obtained in violation of the Fourth Amendment. For 10 points each, name this Midwestern state that fought a Supreme Court case against Dollree Mapp.**

ANSWER: Ohio [accept Mapp v. Ohio, Brandenburg v. Ohio, Jacobellis v. Ohio, or Terry v. Ohio] <AF>

2. **In Book X of the *Aeneid*, Lausus is described as wearing a tunic of this kind when Aeneas kills him; in Book XII, Juno watches the fighting from a cloud of this kind. In the *Odyssey*, the Phaeacian king Alcinous has this kind of palace door. A book usually titled for this adjective is our only source for the Cupid and Psyche myth. The only complete surviving Ancient Roman (\*) novel is a work by Apuleius titled for this kind of *Ass*. An early anthropological *Study in Magic and Religion* was titled for how Aeneas accessed the Underworld with a "bough" of this kind. Jason and the Argonauts sailed to Colchis to retrieve a fleece of—for 10 points—what precious metal?**

ANSWER: golden [or aureus; accept *The Golden Ass* or Asinus aureus; accept *The Golden Bough*; accept Golden fleece] <JW>

3. **Below a depiction of this city, the cloth-covered body of a man from it is carried by two men along a winding road, in a painting by Nicolas Poussin. At the left of another painting set in this city, a man in blue and brown puts his head and both hands up on an arch that's in front of a staircase. Another painting set in this city appears opposite *La Disputa* in the Stanza della (\*) Segnatura. The central figure of a painting set in this city raises one finger as he reaches for a goblet of hemlock. At the center of a painting set in this city, Plato points upwards and Aristotle points downwards. For 10 points, name this setting of *The Death of Socrates* whose *School* was painted by Raphael.**

ANSWER: Athens [accept *The School of Athens* or *Scuola di Atene*] <AF>

4. **This event was analyzed in terms taken from Thomas Malthus in Jared Diamond's book *Collapse*, and it was documented firsthand by a Canadian commander in the book *Shake Hands with the Devil*. Interventions in this event included the French Operation Turquoise and the failed expedition UNAMIR. Widespread (\*) rape during this event led to a huge spike in HIV infections. It began with the order "Cut down the tall trees" after President Juvénal Habyarimana's plane was shot down. For 10 points, name this 1994 event in which the Interahamwe, a group of Hutus, killed over 70% of the Tutsis in a small African country.**

ANSWER: Rwandan genocide [accept reasonable equivalents] <JW>

5. **A polar orbit around this planet was entered by the second of NASA's New Frontiers probes in July 2016. A future NASA probe will explore three objects that are in 4-to-2-to-1 orbital resonance with this planet. This planet, which is orbited by Amalthea, creates tidal forces that make one of its moons the most geologically (\*) active thing in the Solar System. This planet's collision with the comet Shoemaker-Levy 9 was seen by a probe named for Galileo, who observed this planet's moons of Ganymede and Europa. Space probes often use this gas giant for a "gravitational slingshot." The Great Red Spot is found on—for 10 points—what largest planet?**

ANSWER: Jupiter <AF>

6. In this location, a character rants that he is both the spider and the fly caught in its web during a meeting with an alchemist. The historical reasons why this location will be defeated by the printed book are explained in the chapter “This will kill that.” A novel titled for this location begins with a bad play by Pierre Gringoire, after which the protagonist is crowned Pope of (\*) Fools. The law of Sanctuary is invoked when Phoebus’s gypsy lover is carried into this location. Claude Frolo is thrown from this building while watching the execution of Esmeralda. For 10 points, name this Paris cathedral whose bells are rung by Quasimodo, its “hunchback.”

ANSWER: Notre-Dame de Paris [accept *The Hunchback of Notre Dame*; prompt on Paris before “this building”] <JR>

7. After presenting an offering of incense, Aaron’s sons Nadab and Abihu were killed by this kind of phenomenon. Upon seeing this phenomenon, Jethro’s son-in-law is told to take his sandals off. The legal part of a Hindu wedding involves circling this phenomenon (\*) seven times. A god of this phenomenon is the subject of the first hymn of the Rig Veda. A voice coming from this visible phenomenon names itself “I am that I am” or “Yahweh.” The personification of this phenomenon in Hinduism is known as Agni. God calls out to Moses from—for 10 points—what phenomenon that engulfs a namesake bush?

ANSWER: fire [accept answers like flames or burning; accept burning bush] <AF>

8. In this play, a character’s father is impersonated by a random Pedant from the street, leading to a near-arrest. Two men in this play disguise themselves as a music teacher and a Latin instructor in order to compete for time alone with a girl. At the end of this play, the title character starts a speech with the line “Fie, fie, unknot that threatening unkind brow”, and calls her (\*) husband “thy lord, thy life, thy keeper.” Gremio and Lucentio are suitors in this play, and its plot is spurred by Baptista requiring his eldest daughter to be married before his youngest daughter Bianca. For 10 points, name this Shakespeare play about Petruchio’s subduing of the title strong woman, Katherine.

ANSWER: *The Taming of the Shrew* <LL>

9. A philosopher with this man’s last name was the most famous student of Robert Grosseteste and championed the use of mathematics in science in his *Opus Majus*. This philosopher inspired the structure of the *Encyclopédie* by classifying knowledge of “Memory,” “Reason” and “Imagination” in his *The Advancement of Learning*. This philosopher discussed errors of thought of the “theater” and the “market place” that he called (\*) “idols.” This 17th-century philosopher urged the use of induction to gain knowledge through experiment. For 10 points, name this author of the *Novum Organon*, who pioneered the scientific method and stated “knowledge itself is power.”

ANSWER: Francis Bacon [accept Roger Bacon] <JR>

10. Sailors from this nation started the Kronstadt rebellion. A major diplomatic incident occurred when this country’s navy mistook some innocent British fishing vessels at Dogger Bank for enemy ships. Two political parties in this country turned acronyms into the nicknames “*esers*” and “*kadets*.” Many workers from this country settled in Harbin. This country tried to take Port (\*) Arthur but had its navy decimated at Tsushima Straits in a war that ended with the Treaty of Portsmouth. This country’s city of Sevastopol was besieged by France, Britain, and the Ottomans in the Crimean War. For 10 points, name this country whose Tsar Nicholas II was overthrown by the Bolsheviks.

ANSWER: Russia <LL>

11. A value described by this adjective is often decreased using a “tamper,” which is a kind of neutron reflector. A value described by this adjective occurs at the intersection of the binodal and spinodal curves. No amount of pressure can liquefy a substance above *this* kind of (\*) temperature. This adjective also describes the temperature below which materials become superconductors. Liquids and gases do not exist beyond a value described by this adjective; that “point” described by this adjective can be visualized on a phase diagram. Nuclear reactions become self-sustaining after reaching—for 10 points—what kind of “mass?”

ANSWER: critical [accept critical point; accept critical temperature; accept critical coagulation concentration; accept critical mass] <AF>

12. This god killed one of his lovers after she fell in love with Ischys. This god, who helped Alcathous build the walls of Megara, got the Fates drunk in order to protect one of his favourites, Admetus. This god became the father of the beekeeper Aristaeus by the huntress Cyrene, and this lover of Coronis had the skin (\*) flayed off the satyr Marsyas after beating him in a music contest. To escape this deity, a nymph prayed to her father, the river god Peneus, to turn her into a laurel tree. This father of Asclepius killed the sons of Niobe. For 10 points, name this pursuer of Daphne, a non-Helios sun god who was the twin brother of Artemis.

ANSWER: Apollo [or Apollon] <MK>

13. A film in this language includes a piano-accompanied, dress-up dance of death, and a quick-cut montage of rabbits and pheasants being shot by a hunting party. That film in this language ends after Schumacher shoots Andre in a greenhouse, and opens with Andre’s plane landing. Another film in this language shows its protagonist flourishing a revolver in a convertible using an innovative series of (\*) jump cuts. In that film in this language, Patricia hawks the *New York Herald Tribune* and dates a Humphrey Bogart-obsessed man. This language of *The Rules of the Game* was used in “New Wave” films like *Breathless*. For 10 points, name this language of Jean Renoir and Jean-Luc Godard.

ANSWER: French <JR>

14. A member of this genus is the most common causative agent of necrotizing fasciitis; that member of this genus comes in the strain USA300. Members of this genus are classified based on their ability to produce coagulase, and they can become deadly if they acquire the cassette *SCCmec*. Members of this genus divide in irregular shapes, unlike their cousins that cause (\*) strep throat. Diseases like toxic shock syndrome are caused by these gram-positive, round bacteria, which usually live on the skin. This genus includes the causative agent of the most common hospital-acquired infection. For 10 points, name this bacterial genus whose *aureus* species causes MRSA.

ANSWER: Staphylococcus [accept Staphylococcus aureus] <AF>

15. This place included a farming area called The Yale next to its Stock Road. This place was once home to a “Party Tree,” and its region of Southfarthing produced Old Winyards wine. This place was once defended at the Battle of Bywater from some Ruffians who were invited in by Sharkey. This place, which was once (\*) “Scoured,” lies west of an Old Forest where Tom Bombadil lives. This place along the Brandywine river is just west of the town of Bree, and it’s home to the Green Dragon Inn. Its burrows include Bag End, where Gandalf drops off Bilbo Baggins. For 10 points, name this home of the Hobbits.

ANSWER: The Shire [or Sûzat; or i Drann] <CX>

16. In a play by this author, Grandma is taken by an angel of death after being abandoned in a sandbox. In another play by this author, a character owns two cats and two parrots, and another character later reveals that he tried to kill his landlady's dog with rat poison. That play by this author ends with (\*) Jerry killing himself in front of Peter. In an act this author titled "The Exorcism," one of his characters kills his imaginary son with a car accident. In that play by this man, the couple Nick and Honey play games like "Get the Guests" and "Bringing up Baby" with George and Martha. For 10 points, name this author of *The Zoo Story* and *Who's Afraid of Virginia Woolf*?

ANSWER: Edward Albee <LL>

17. A woman with this last name forced her husband's mistress to trade Chenonceau ["shnaw-SOH"] Castle for Chaumont ["shoh-MAW"]. That woman with this last name begat the short-lived Charles IX and Francis II. Another woman with this last name married the former lover of Gabrielle d'Estrées and led the Day of the Dupes revolt. People with this last name founded a (\*) Platonic Academy and were targeted in the Pazzi Conspiracy. Popes Leo X and Clement VII had this last name, as did the wives of Henry II and Henry IV of France. People of this last name were expelled by Girolamo Savonarola. Cosimo and Lorenzo the Magnificent were members of—for 10 points—what banking family of Florence?

ANSWER: Medici [accept any specific Medicis] <MK>

18. In the first movement of Dvorak's ["VOR-zhahk's"] Eighth Symphony, this instrument plays the cheerful main theme after the minor-key introduction. Two of them play at the opening of "Neptune, the Mystic" from Holst's *The Planets*. This instrument usually has two trill keys, a head joint, and a foot joint, as well as the embouchure hole. Two of these instruments represent the headstreams of the Vltava at the opening of Smetana's "The (\*) Moldau." This instrument is the first to play the tune in Ravel's *Boléro*. A solo for this instrument begins Debussy's *Prelude to the Afternoon of a Faun*. For 10 points, name this woodwind instrument, whose half-sized variety is the piccolo.

ANSWER: traverse flutes <JR>

19. This letter is used to denote terms for absorption and stimulated emission in the Einstein coefficients. Leon Lederman discovered the quark denoted by this letter, which is the second-heaviest known quark. A quantity denoted by this letter is the curl of the vector potential and is sometimes called the "flux density" to distinguish it from a related quantity symbolized (\*)  $H$ . This letter denotes a quantity that always has a divergence of zero, and which is crossed with velocity in the Lorentz force law. Since  $M$  is already used for magnetization, magnetic fields are denoted by—for 10 points—what letter?

ANSWER: B <SE>

20. This river is divided in half by the Khone Falls. This river's basin is home to an Iron Age burial site called the Plain of Jars. In Yunnan, this river briefly flows parallel to and between the Yangtze and the Salween. Many people who live along this river worship a giant catfish found in it. This river receives a (\*) river-lake that flows backwards during the monsoon season. The Tonlé Sap flows into this river, which flows past Vientiane en route to the South China Sea. For 10 points, name this river that flows past Ho Chi Minh City and the capitals of Laos and Cambodia, the main river of Southeast Asia.

ANSWER: Mekong River <MK>

*Tiebreaker*

21. **In this location, three Furies threaten to call up the Medusa and block the entrance to a walled city with a three-letter name. The narrator claims that Ulysses died by trying to sail beyond the edges of known world when he meets Diomedes and Ulysses in this place. Before meeting people like (\*) Ugolino, Paolo, and Francesca in this place, the narrator of a poem meets a lion, a leopard, and a she-wolf in a dark wood when he is “midway along our life's journey.” The entrance to this place is emblazoned “Relinquish all hope, ye who enter here.” Virgil is the guide through the nine circles of —for 10 points—what setting of the first part of Dante’s *Divine Comedy*?**

ANSWER: **Hell** [accept Dante’s **Inferno**; accept any **circle of Hell**; accept the **Underworld**; accept **Dis** until “Ulysses”] <JR>

## Bonuses

1. For 10 points each—answer the following about junior senators named Tammy:

[10] Tammy Baldwin, the first ever openly gay senator, represents this state. This state's former senator Russ Feingold was defeated in his 2016 comeback bid by Republican Ron Johnson.

ANSWER: **Wisconsin**

[10] Baldwin recently attracted controversy by announcing her opposition to *this* nominee for the Supreme Court just one day after the pick was announced.

ANSWER: Neil (McGill) **Gorsuch**

[10] Illinois senator Tammy Duckworth came to prominence after an oversight hearing about the U.S. Department of *these people's* affairs. Duckworth herself is one of these people, having served in Iraq, where she lost both legs.

ANSWER: **veterans** [prompt on **VA**] <JR>

2. The strength of these materials is measured using a dimensionless constant called the relative permittivity. For 10 points each:

[10] Name these insulating materials that become polarized in the presence of an electric field. They are often made of ceramics.

ANSWER: **dielectrics** [or **dielectric** materials]

[10] Inserting a dielectric between the plates of one of *these* electrical devices increases its ability to store charge. The strength of these devices is measured in farads.

ANSWER: **capacitors** [or **condensers**]

[10] The polarization of a *linear* dielectric is *not* proportional to the relative permittivity, but rather to the electric susceptibility. If the relative permittivity is denoted epsilon, then what expression gives the electric susceptibility?

ANSWER: **epsilon minus 1** [or relative **permittivity minus one**] <SE>

3. This composer's most-performed works are an Opus 7 piano concerto in A minor, and an Opus 17 piano trio in G minor. For 10 points each:

[10] Name this virtuoso pianist and student of Friedrich Wieck. This pianist was a major popularizer of the practice of performing from memory.

ANSWER: **Clara** Schumann [or **Clara** Wieck; prompt on **Schumann** or **Wieck**]

[10] Clara Schumann is now renowned as a composer of these short pieces. Franz Schubert wrote over 600 of these pieces, which are called *Lieder* ["LEE-dur"] in German.

ANSWER: **songs**

[10] Clara also shaped her husband Robert's career by encouraging him to write this kind of music. This is the broad term for small-ensemble pieces like piano trios, which can be played in a salon or other namesake intimate settings.

ANSWER: **chamber** music <JR>

4. This is the oldest documented Semitic language. For 10 points each:

[10] Name this native language of the Assyrian and Babylonian empires. It was spoken in a namesake empire founded by Sargon over four thousand years ago.

ANSWER: **Akkadian**

[10] Akkadian used *this* writing system, which was originally developed for Sumerian. This writing system is named for its "wedge-shaped" marks, which were produced by reed styluses on clay tablets.

ANSWER: **cuneiform**

[10] After the Gutian invasion destroyed the Akkadian Empire, Sumer had a "Renaissance" under the Third Dynasty of *this* city. This city was ruled by people like Shulgi, who finished its Great Ziggurat.

ANSWER: **Ur** [do **not** accept or prompt on "Uruk"] <JR>

5. For 10 points each—answer the following about fish in 20th-century American poetry:

[10] This American poet described a “battered and venerable and homely” fish whose “brown skin hung in strips like ancient wallpaper” in a poem that ends “everything was rainbow, rainbow, rainbow! And I let the fish go.”

ANSWER: Elizabeth **Bishop**

[10] Marianne Moore, a poet from this movement, described “the sun, split like spun glass” in her poem “The Fish.” This early 20th-century movement used “difficult” techniques like fragmentation and stream-of-consciousness.

ANSWER: **modernism** [accept word forms like **modernist**]

[10] Marianne Moore was championed by this fellow Modernist poet of *The Waste-Land*. This poet didn’t write much about fish, but he did describe “sea-girls wreathed with seaweed red and brown” in his book *Prufrock*.

ANSWER: T.S. **Eliot** [Thomas Stearns Eliot] <JR>

6. For 10 points each—answer the following about Pokémon games, none of which are *Pokémon Go*:

[10] The seventh generation of Pokémon was introduced in two games in 2016. Name *either* game; for once, they’re not named for gems, minerals, or colors.

ANSWER: *Pokémon* **Sun** OR *Pokémon* **Moon**

[10] In the classic Pokémon games, you can teach your Pokémon new moves using two kinds of CD-like items; name *either*. These items are how your Pokémon learn useful moves like Cut, Fly, and Rock Smash.

ANSWER: **TMs** OR **HMs** [or **technical machines**; or **hidden machines**]

[10] The Pokémon franchise broke away from the same old gameplay with *this* 2004 Gamecube game, which uses a stadium battling style. This game was followed in 2005 by *Pokémon XD: Gale of Darkness*.

ANSWER: *Pokémon* **Colosseum** <BY>

7. This molecule is synthesized starting with the mevalonate pathway. For 10 points each:

[10] Name this molecule that’s responsible for many properties of the cell membrane. High levels of this lipid in the blood can lead to clogged arteries via atherosclerosis.

ANSWER: **cholesterol**

[10] Most of your body’s fat is stored as *this* kind of molecule, in which three fatty acids are attached to an alcohol.

ANSWER: **triglycerides** [or **TG**, **triacylglycerol**, **TAG**, or **triacylglyceride**]

[10] These proteins bind to lipids like cholesterol and triglycerides to package them for transport around the body. A mutation in one of these proteins is the biggest risk factor for Alzheimer’s disease.

ANSWER: **apolipoproteins** [prompt on **ApoE**; do **not** accept or prompt on just “lipoproteins”] <JR>

8. The title character of this opera sings the aria “Un bel di” and awaits her husband’s return during the “Humming Chorus.” For 10 points each:

[10] Name this opera, in which the title woman marries a foreigner for 999 years, with the option to divorce every month.

ANSWER: **Madama Butterfly** [or **Madame Butterfly**]

[10] *Madama Butterfly* was written by this 20th-century Italian composer, whose other operas include *Tosca* and *La Bohème*.

ANSWER: Giacomo **Puccini** [Giacomo Antonio Domenico Michele Secondo Maria Puccini]

[10] Butterfly’s husband Pinkerton is represented by *this* theme, which opens his aria “Dovunque al mondo” near the beginning of the opera.

ANSWER: “The **Star-Spangled Banner**” [prompt on answers like the **National Anthem**] <CX>

9. One of these gods tricked the other into entering a boat race in a stone boat. For 10 points each:

[10] Name these *two* Egyptian gods, whose “contendings” involved one, a falcon-headed protector of the pharaohs, attempting to kill the other one, who had murdered his father Osiris.

ANSWER: **Horus** AND **Seth**

[10] In one story, Set tried to ambush Horus as a red one of *these* Nile-dwelling mammals. The goddess of childbirth, Taweret, is usually depicted as an anthropomorphic one of these large, thick-skinned mammals.

ANSWER: **Hippopotamuses**

[10] This goddess is considered Horus’s “nursing-mother” for her role in protecting him in his youth. Despite that, she is usually depicted as Set’s wife, and in some myths conceived Anubis by disguising herself as Isis.

ANSWER: **Nephthys** <JG>

10. This process is described by the Langmuir isotherm, which states that fractional occupancy equals “a constant times pressure over: one, plus the same constant times pressure again.” For 10 points each:

[10] Name this process in which a molecule sticks to a surface. Activated carbon is often used for this process due to its extremely high surface area.

ANSWER: **adsorption** [do **not** accept or prompt on “absorption”]

[10] Adsorption often drives *this* kind of catalysis, which creates collision opportunities for molecules that would otherwise encounter each other only rarely. This type of catalysis is used in the Ostwald and Contact processes.

ANSWER: **heterogeneous** catalysis [prompt on **catalysis**]

[10] The heterogeneous Ziegler–Natta catalysts are used to polymerize *these* compounds. These compounds have at least one carbon-carbon double bond.

ANSWER: **alkenes** [or **olefins**] <AF>

11. A ruler of this European state created the Order of the Golden Fleece. For 10 points each:

[10] Name this state ruled by people like Charles the Rash and John the Fearless, whose patronage of art spurred the development of the International Gothic style.

ANSWER: Duchy of **Burgundy** [or Duché de **Bourgogne**]

[10] During the Hundred Years’ War, the Burgundians captured this war hero and gave her over to England for execution. This saint was sent by the Dauphin [“doh-FAN”] Charles VII to help lift the Siege of Orléans [“orr-lay-AW”].

ANSWER: Saint **Joan** of Arc

[10] The duchy of Burgundy was formed by John II after his capture at the Battle of Poitiers. You might know another Battle of Poitiers, another name for *this* 732 A.D. battle in which Charles Martel defeated some Muslims.

ANSWER: Battle of **Tours** <JR>

12. This book’s musical epigrams are discussed in its final chapter, “The Sorrow Songs.” For 10 points each:

[10] Name this pioneering work of sociology, which claims that the title people live life behind a “veil.” This book argues that the title people are always aware of how others see them, producing “double consciousness.”

ANSWER: *The **Souls of Black Folk*** (by W.E.B. Du Bois)

[10] Another pioneering work of sociology was this Frenchman’s *The Rules of Sociological Method*, which advocates the study of “social facts” like laws using statistics. He also wrote *Suicide*.

ANSWER: (David) Émile **Durkheim**

[10] Durkheim first studied *this* social fact, which was discussed using the metaphor of a pin factory by Adam Smith. In this process, a good is made in several specialized steps, which are performed by individual people.

ANSWER: the **division of labor** <JR>



13. This queen's poems include "Ah, Silly Pug, wert thou so Sore Afraid." For 10 points each:

[10] Name this queen of England who names the literary era in which Marlowe worked and Shakespeare got his start.

ANSWER: **Elizabeth I**

[10] Elizabeth was the dedicatee of this multi-book epic poem, which depicts the lady knight Britomart, the wizard Archimago, and the Holy Redcross Knight.

ANSWER: *The **Faerie Queene*** (by Edmund Spenser)

[10] *The Faerie Queene's* Spenserian stanzas end with this kind of line, which has twelve syllables and a caesura in the middle. This kind of line was used for the almost all "high" French verse before the 19th century.

ANSWER: **alexandrines** <JR>

14. The monk Ananda was a key witness to this event, which is traditionally said to have occurred due to food poisoning. For 10 points each:

[10] Name this "final nirvana" of the Buddha, which is normally depicted in art via a reclining Buddha with closed eyes.

ANSWER: Buddha's **death** [or **parinirvana**; accept reasonable equivalents]

[10] Since the Buddha was, well, the Buddha, he exited samsara after death and thus did not go to *this* place. This place is full of namesake demons, and is basically Buddhist Hell.

ANSWER: **Narakas**

[10] In Tibet, the narakas and the other stages of existence are represented on *these* objects, which are called chakras. This object is held by Yama, and its center represents the "three poisons" with a pig, a snake, and a bird.

ANSWER: **wheels** of life <IKD>

15. A man with this condition romances Zoya and Vera Gangart in a Kazakhstan clinic. For 10 points each:

[10] Name this condition afflicting the exile Oleg Kostoglotov in a 1966 novel.

ANSWER: lung **cancer** [accept **Cancer Ward**]

[10] *Cancer Ward* was written by this Soviet dissident author, who also wrote *One Day in the Life of Ivan Denisovich*.

ANSWER: Aleksandr (Isayevich) **Solzhenitsyn**

[10] *One Day in the Life of Ivan Denisovich* takes place in one of *these* Soviet forced-labor camps. These camps were compared to an "archipelago" in a nonfiction work by Solzhenitsyn.

ANSWER: **gulags** <JR>

16. King Louis XV called this man the "Comet Ferret." For 10 points each.

[10] Name this French astronomer who created a namesake catalog of 110 astronomical objects. His catalogue begins with the Crab Nebula.

ANSWER: Charles **Messier** ["mess-YAY"]

[10] The galaxy known as Messier 31 is more often known by *this* name. This spiral galaxy is the largest in the Local Group, and is expected to collide with our own Milky Way in a reassuringly far-off 4.5 billion years.

ANSWER: **Andromeda** Galaxy [or **NGC 224**]

[10] After observing stars in Andromeda, Walter Baade grouped stars into "populations" by their metallicity. A high value for metallicity implies a high value for *this* quantity; thus, Population 2 stars have a *low* value for this quantity.

ANSWER: **age** [accept equivalents like **how old they are**] <BY>

17. A human chain of these people was formed during the Black War. For 10 points each:

[10] Name these native peoples of Australia. The children stolen from these people by the Church and the government are called the “Stolen Generations.”

ANSWER: Australian **Aborigines**

[10] Before the Stolen Generations, this man met with the Gweagal aborigines in a place he called Botany Bay. This man also went to Hawaii, where he was first spotted during the harvest festival of Makahiki.

ANSWER: James **Cook**

[10] This protégé of Cook later became governor of New South Wales. This man was overthrown by the 1808 Rum Rebellion, which was Australia’s only successful government takeover.

ANSWER: William **Bligh** <MK>

18. This modern-day nation’s namesake “bronzes” are actually mostly brass, and are actually from modern Nigeria. For 10 points each:

[10] Name this modern-day African nation, whose namesake kingdom also produced a number of Edo masks.

ANSWER: Republic of **Benin** [accept Kingdom of **Benin**]

[10] The Benin bronzes were cast in this material. Encaustic paintings are made in this material, which was once used to cover tablets for writing.

ANSWER: bees**wax**

[10] The second-largest collection of Benin bronzes is housed in a museum on this city’s Museum Island. This capital of Germany is also home to the Pergamon Altar and the bust of Nefertiti.

ANSWER: **Berlin** <JR>

19. This language was constructed from a mix of rhyming slang and Slavic roots. For 10 points each:

[10] Name this language of words like “cutter” and “pretty polly,” both of which mean “money.” Bizarrely, in this language, “horrorshow” means “good.”

ANSWER: **Nadsat**

[10] Nadsat was featured in this novel, in which a group of “droogs” hang out at the Korova Milk Bar.

ANSWER: *A* **Clockwork Orange**

[10] The protagonist of *A Clockwork Orange*, Alex loves nothing more than playing records of this German composer’s symphonies. Alex nicknames this man “Good Ol’ Ludwig van.”

ANSWER: Ludwig van **Beethoven** <MK>

20. In this state, the white supremacist Red Shirts used violence to help elect governor Wade Hampton. For 10 points each:

[10] Name this state, whose 1876 election saw mass political violence that included the Hamburg Massacre. Red Shirts member Ben Tillman later became its governor and senator in his own right.

ANSWER: **South Carolina**

[10] All of that happened in this era of U.S. history, which followed the Civil War. This era, which was “redeemed” by Jim Crow Laws, spawned white terrorist groups like the White Knights in Louisiana, as well as the KKK.

ANSWER: **Reconstruction** Era

[10] The KKK drastically weakened this government agency, which was formed to help freed slaves. Oliver Howard directed this agency, which opened up thousands of schools and HBCUs before being closed by Ulysses S. Grant.

ANSWER: **Freedmen’s Bureau** [or **Bureau of Refugees, Freedmen, and Abandoned Lands**] <IKD>

*Tiebreaker*

21. Most of Tobias Smollett's works were this kind of novel. For 10 points each:

[10] Name this genre of novel that features a roguish hero, usually of low class. This genre is signalled by titles like *The Adventures of...*

ANSWER: **picaresque** novel

[10] This Spanish novel is usually considered to be the first picaresque novel. In this novel's seven "treatises," the boy protagonist learns how to steal from a blind beggar and eventually becomes a town crier.

ANSWER: **Lazarillo de Tormes** [or *The Life of **Lazarillo de Tormes** and of His Fortunes and Adversities*; or *La vida de **Lazarillo de Tormes** y de sus fortunas y adversidades*]

[10] *Lazarillo de Tormes* was written in the middle of this century. Shakespeare began writing at the very *end* of this century.

ANSWER: **16th** century [or **1500s**] <JR>