

Bulldog High School Academic Tournament 2016 (XXV): "Pencil and paper ready..."

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Edited by Jacob Reed

Packet 9 Tossups

1. **In a novel from this country, a recently fired military officer tries to sell his precious sword, but ends up killing the bully who tries to buy it. The play *The Story of the Western Wing* is from this country. Fictional weapons from this country include a "nine-tooth iron rake" and a huge (*) staff that can be shrunk to the size of a needle. In one novel from this country, one hundred and eight outlaws swear an oath on a mountain. In another novel from this country, the monk Xuanzang ("shwahn-zahng") travels to India with Sun Wukong, the Monkey King. For 10 points, name this country whose the Four Great Classical Novels include *Water Margin* and *Journey to the West*.**

ANSWER: (Imperial) China [or Zhongguo] <JR>

2. **One of this composer's collections includes pieces in genres like the *Skocna* ("SKOCH-nah") and the *Furiant*. His orchestral works include the joyful *Carnival Overture*. This composer's chamber music includes a popular A-major piano quintet and a six-movement piano trio nicknamed (*) "Dumky." This composer's B-minor cello concerto is the most famous piece in that genre. This composer wrote his extremely popular "Humoresque No. 7" while living in New York, a visit which also inspired his "American" string quartet. For 10 points, name this composer of the *Slavonic Dances* who drew upon African-American spirituals and Native American music in his "New World" Symphony.**

ANSWER: Antonín (Leopold) Dvořák ("DVOR-zhahk") <JR>

3. **You're told "Hey you! You're losing your [this substance]" in a song from *Ege Bamyasi* that was the biggest hit for the German rock band Can. A drink named for this substance notes that it *can't* tell you that "this drink gave sue from wagga enough strength to bench press llamas." This substance names the singer of "Graduation (Friends Forever)." This substance was advocated in the book *How to Live* (*) *Longer and Feel Better*. Linus Pauling started the belief that "megadoses" of it prevent cancer, or at least the common cold, which is exploited by a product named "Emergen-[it]." For 10 points, name this nutrient found in citrus fruits that prevents scurvy.**

ANSWER: vitamin C [or ascorbic acid; or ascorbate; accept "power-c"; accept "Emergen-C"; prompt on just "C"] <JR>

4. **Late holders of this office commissioned ivory diptychs to distribute to their supporters. People who died in this office were replaced by "suffect" ones. The rule of the Decemviri interrupted the line of this office, which was opened to commoners by the Lex Licinia Sextia. This office was the endpoint of the *cursus honorum*. Lucius Junius (*) Brutus founded this office. A ten-year break was expected between tenures of this office, but Marius held it seven times. At least one plebian had to hold this office at any given time. For 10 points, name this executive of the Roman Republic, held by two men at once.**

ANSWER: consuls <CW>

5. [Note to moderator: this answerline is a little bit complicated. You may want to look it over before reading the question]

A set of these structures on Helsingør were named for Kingo and designed by Jørn Utzon. Another one of them was originally to be covered in gold leaf to imitate the color of leaves in Autumn. A pioneering one of these structures was named for Herbert Jacobs and designed in the (*) Usonian style. Earlier structures of this kind were named for Darwin D. Martin and Frederick C. Robie. One of these buildings forms the largest part of Taliesin. A building of this kind juts out over the Bear Run waterfall and was designed for Edgar J. Kaufmann by Frank Lloyd Wright. For 10 points, name this kind of building exemplified by Fallingwater.

ANSWER: houses [accept homes; prompt on "buildings"; prompt on answers like "residences" or "dwellings" that don't necessarily indicate that only one family is living there; do **not** accept or prompt on "apartments" or anything indicating a multi-family dwelling] <AF/JR>

6. According to Ovid, one of these creatures shredded a cloak in Babylon beside a mulberry tree where Thisbe intended to meet her lover. The lower half of an avatar of Vishnu was frequently depicted emerging from a pillar belonged to this creature. In ancient Egypt, the female war deity took on the form of this animal. One of these animals was tended to by an escaped Roman (*) slave and later saved the life of that man, Androcles. Heracles slew one of these animals with an impenetrable coat for the first of his twelve labors. For 10 points, name this big cat that represented kingship and power in many cultures, one of which came from the land of Nemea.

ANSWER: lions [accept lioness] <CX>

7. [Note to moderator: please read the gray-highlighted text SLOWLY]

In the Coriolis effect, a term given by "negative two, times angular-velocity-cross-velocity" is added to this quantity in the body frame. Another form of this quantity is given by "negative omega-squared r ," or, equivalently, "negative v -squared over r ." In a simple harmonic oscillator, this quantity is given by "negative $k \cdot x$ over (*) m ." Starting from rest, displacement is given by "one-half this quantity times time-squared." This value is nonzero in non-inertial reference frames. By Newton's second law, this quantity equals force over mass. For 10 points, name this second time derivative of position, the rate of change of velocity.

ANSWER: acceleration [prompt on " a "] <AF/JR>

8. One implementation of this technology saw its first major use at the Shangani River. The addition of this technology gave the "hump" to the Sopwith Camel and made the Fokker E.I ("E 1") a "scourge." This technology was integrated into airplanes with the (*) "interrupter" gear. Early British implementations of this technology were named for Lewis, Vickers, and Maxim. This was the primary technological innovation that rendered infantry charges ineffective during battles like the Somme during World War I. For 10 points, name these weapons, an early one of which was developed by Richard Gatling.

ANSWER: machine guns [prompt on "automatic weapons" or similar; prompt on just "guns" or "weapons"; accept more specific answers like "water-cooled machine guns"] <JR>

9. At the beginning of the novel, this character declares "Whether [or not] I shall turn out to be the hero of my own life...these pages must show." In the chapter "Tempest," this character sees Ham Peggotty drown trying to rescue James Steerforth, after seeing off Little Em'ly and others, who have emigrated to Australia. This character escapes the custody of Edward (*) Murdstone and is raised by his eccentric aunt Betsey Trotwood. When Dora Spenlow dies, this character can finally marry Agnes Wickfield, after Micawber exposes the hypocritical Uriah Heep. For 10 points, name this title character of a semi-autobiographical novel by Charles Dickens.

ANSWER: David Copperfield, Jr. [accept either name; accept "Trot" or "Trotwood Copperfield," but do **not** accept or prompt on "Trotwood" by itself] <JR>

10. This quantity is plotted against pH in a Pourbaix ("pore-BAY") diagram. For a pair of metals in solution, the one with the lower value for *this* quantity may be degraded in galvanic corrosion. The non-equilibrium value of this quantity equals "a reference value, minus $R-T$ over $n-F$, times the log of the reaction quotient," according to the (*) Nernst equation. The value of this quantity for a reaction with the standard hydrogen electrode is usually included in tables of half reactions. A redox reaction will proceed in the direction for which *this* quantity is positive. For 10 points, name this type of chemical electromotive force, which is measured in volts.

ANSWER: electric **potential** [or **electrode potential**; or **reduction potential**; prompt on "voltage" or " V "; do not accept "potential energy"] <SE>

11. One of these events was the subject of an Erik Larson book that describes H.H. Holmes's "Murder Castle" and is titled *The Devil in the White City*. The super-racist "Anthropology" section of one of these events featured a human zoo of pygmies, along with Geronimo. The "City Beautiful" movement was inspired by one of these events designed by Daniel (*) Burnham. Another of these events featured a long "Pike" and is where the ice cream cone was popularized. One of these events featured the world's first Ferris Wheel and was held on the four hundredth anniversary of Columbus reaching America. For 10 points, name these international public exhibitions.

ANSWER: **world's fairs** [accept "**exposition**" or "World's **Columbian Exposition**" before the word "Geronimo"] <IKD>

12. One ruler of this empire became a popular icon in the West after James Prinsep translated some of his writings. Another ruler of this empire was described by Megasthenes, who called him Sandrokottos. This empire conquered the Nanda Empire. An advisor for this empire named (*) Kautilya wrote a "Machiavellian" treatise called the *Arthashastra*. Another ruler of this empire created a statue of four lions looking in four directions, found in Sarnath. That ruler issued the Rock Edicts on pillars after being horrified by this empire's bloody war in Kalinga. For 10 points, name this classical Indian empire, founded by Chandragupta, and led by the Buddhist convert Ashoka.

ANSWER: **Mauryan** Empire <IKD>

13. In this novel, the protagonist's hair turns pure white while he decides to save an apple thief. Its protagonist escapes a convent in a coffin. The protagonist of this novel is sheltered by a gardener whom he once saved from being crushed by a heavy cart. This novel includes chapters describing King (*) Louis-Philippe and the Battle of Waterloo. In this novel, Gavroche and Éponine are killed at the barricades, and its protagonist is chased through the sewers. Its protagonist lets Marius marry his adopted daughter Cosette. For 10 points, name this novel in which Inspector Javert hunts Jean Valjean, by Victor Hugo.

ANSWER: *Les **Misérables*** [accept *The **Miserable Ones***; do **not** accept or prompt on "Les Mis"] <JR>

14. This work was declared a "betrayal" in the first volume of Karl Popper's *The Open Society and Its Enemies*. In this work, the four-part progression from "likenesses" through "visible things" and "mathematical ideas" to "abstract ideas" is placed on an imaginary (*) diagram. This work's main speaker declares "I am the wisest man alive, for I know one thing, and that is that I know nothing." This work advocates rule by philosopher-kings. It references its author's Theory of Forms in the Allegory of the Divided Line and the Allegory of the Cave. For 10 points, name this long Plato dialogue that describes the ideal city-state and its government.

ANSWER: **Republic** [or **Politeia**] <ON/JR>

15. A reflex that protects these organs was first detailed by Hering and Breuer. These organs surround the anterior face of the mediastinum. These organs' function is aided by the intercostals. The function of these organs is measured by the ratio RER or by a person's tidal volume. Their epithelial cells are stabilized by a strong (*) surfactant. The right one of these organs has three lobes, while the left one has only two. These organs are surrounded by the pleura and fed by the bronchi and the trachea. Gas exchange takes place in their alveoli. For 10 points, name these primary organs of the respiratory system.

ANSWER: human lungs <JR>

16. This artist used a new, extremely shallow form of bas-relief in a sculpture for the baptistry of Siena Cathedral. He created his *St. George* and *St. Mark* for niches in the outside of the Orsanmichele. This creator of *The Feast of Herod* was known for his extreme realism, displayed in works like the *Penitent Magdalene* and a (*) pumpkin-headed *Habakkuk*, nicknamed "*Zuccone*." He also created a statue of Erasmo da Narni, a *condottiero*, on horseback. This man had the title figure lean on his sword in the first freestanding nude sculpture since antiquity. For 10 points, name this Italian Renaissance sculptor of *Gattamelata* and a bronze *David*.

ANSWER: Donatello [or Donato di Niccolò di Betto Bardi] <JR>

17. In Hebrews 11, this man is cited as an exemplar of "faith." This was the older participant in the *Akedah*. This brother of Nahor and Haran smashed his father's idols in his home city of Ur. This man bought a cave in Hebron to bury his wife. This man served an unkosher meal to (*) three strangers, who turn out to be angels. This man's son was named for the laughter of his elderly wife when she was told she would conceive. He had himself circumcised at the age of ninety-nine. This man went up to Mount Moriah to sacrifice his son. For 10 points, name this father of Isaac and husband of Sarah.

ANSWER: Abraham [or Avraham; or Avram; or Abram] <JR>

18. A PAC named for this group is opposed to the continued funding of the Title V program and is called this group's "action fund." In January 2015, a group of Iowa preschoolers were "ambushed" into being part of an attack on this organization by Carly (*) Fiorina. This organization is currently suing David Daleiden's "Center for Medical Progress." Two people were recently indicted for using fake California IDs to try to smear this organization. In November 2015, Robert Dear attacked a branch of this organization in Colorado Springs. For 10 points, name this reproductive health services organization attacked in a series of videos that claim to show it selling fetal tissue.

ANSWER: Planned Parenthood Federation of America [or PPFA] <MK/JR/IKD>

19. Diophantine approximations for this class of numbers are bounded by Hurwitz's theorem. These numbers appear in the exponent, but not the base, in the Gelfond–Schneider theorem. A common proof that a certain number is part of this set concludes by noting that a numerator and denominator cannot both be even. They can be constructed from their complement using a (*) Dedekind cut. These numbers represent incommensurable ratios. They include the real transcendentals, and they cannot be expressed as repeating or finite decimals. For 10 points, name this set of numbers that cannot be expressed as a fraction, including *e*, *pi*, and the square root of two.

ANSWER: irrational numbers <AF>

20. The speaker describes the feelings of one of these animals "when the sun is bright on the upland slopes" in the poem "Sympathy." Another poem asks the "thin men of Haddam" why they imagine these animals. One of these animals made "not the least obeisance" and "not a minute stopped or stayed" after being mistaken for the (*) wind. The eye of one of them is the only thing moving "among twenty snowy mountains" in a thirteen-part poem about one of them. Another of these animals sits on a "pallid bust of Pallas" after the speaker "pondered weak and weary." For 10 points, name this kind of animal that croaks "Nevermore" in an Edgar Allen Poe poem.

ANSWER: **birds** [accept **ravens**; accept **blackbirds**] <CW/JR>

Tiebreaker

21. This technology was independently developed by the Urewe and Nok cultures. The economies of Meroë and Nubia relied on this technology. The late Hallstatt and La Tène cultures were characterized by this technology. This technology only reached China during the (*) Warring States period. It became ascendant after a "collapse" that included the end of the Mycenaean and Minoan civilizations. This technology often started with meteorites. It was pioneered in Anatolia during the second millennium B.C. For 10 points, name this metal whose "Age" succeeded the Bronze Age.

ANSWER: **iron** smelting [accept **Iron Age**; accept rough equivalents like "**iron work**" etc.; prompt on any general answer about "metalwork" or "smithing"] <JR>

Packet 9 Bonuses

1. Answer some questions about Giorgio Vasari, for 10 points each.

[10] Vasari is often seen as the founder of this discipline, since he wrote the influential book *Lives of the Most Excellent Painters, Sculptors, and Architects*.

ANSWER: **art history** [accept reasonable equivalents like "**history of art**"; prompt on "art criticism" or similar; do not accept or prompt on "art theory" or similar]

[10] Vasari was friends with this painter, and helped create his reputation as the greatest artist of the Renaissance. He depicted scenes like *The Drunkenness of Noah* and *Separation of Light from Darkness* in his largest work.

ANSWER: **Michelangelo** Buonarroti

[10] Vasari claimed that this other painter's *Deposition* must have been painted by a "saint or an angel." This monk is most famous for the frescoes he painted in the monastery at San Marco.

ANSWER: **Fra Angelico** [or **Fra Giovanni** Angelico; or **Fra Giovanni** da Fiesole; or **Guido** di Pietro] <JR>

2. Answer some questions about the 1950s, for 10 points each.

[10] The U.S. was headed for most of the fifties by this Republican president. He was Supreme Allied Commander during World War II, and he warned against the "Military-Industrial Complex" in his Farewell Address.

ANSWER: Dwight D. **Eisenhower** [prompt on "Ike"]

[10] Eisenhower's Secretary of State from 1953 to 1959 was this man, a pioneer of "Brinksmanship." He helped draft the Charter for the United Nations, and his brother Allen was the first civilian director of the CIA.

ANSWER: John Foster **Dulles**

[10] Eisenhower's most famous domestic initiative was this 1956 act that called for the construction of 41,000 miles of roads across the U. S.

ANSWER: National **Interstate** and Defense **Highways** Act [accept **Federal Aid Highway** Act of 1956] <LL>

3. One of the few named characters in this work is the title character's wife, Lady Aoi. For 10 points each:

[10] Name this long work that has been translated by Arthur Waley, Edward Seidensticker, Royall Tyler, and Dennis Washburn.

ANSWER: *The **Tale of Genji*** [or ***Genji monogatari***]

[10] *The Tale of Genji* is often considered to be the very first work of world literature in this genre. This is the longest genre of narrative prose fiction, and it is exemplified by books like *War and Peace*.

ANSWER: **novels**

[10] Plot elements and characters from *Genji* were often used in this form of Japanese theater. This is the oldest major form of theater in the world that is still performed regularly.

ANSWER: **Noh** [or **Nogaku**] <JR>

4. Answer some questions about the morphology of insects, for 10 points each.

[10] The mouthparts of an insect are found on this segment, which is located in front of the thorax and the abdomen.

ANSWER: **head**

[10] Like many other organisms, insects undergo this process, often via hemimetabolism. In holometabolism, this process goes through the stages "larva" and "pupa."

ANSWER: **metamorphosis**

[10] Insects breathe through their abdomens, taking air in through *these* holes.

ANSWER: **spiracles** <JR>

5. The protagonist of this film goes to jail for stealing a typewriter and almost burns down his house with a shrine to Balzac. For 10 points each:

[10] Name this 1959 film. It ends with a freeze-frame close-up of its protagonist, who has just escaped his observation center and run to the sea.

ANSWER: *The 400 Blows* [or *Les Quatre Cents Coups*]

[10] François Truffaut's *The 400 Blows* was one of the first movies of this movement of the 1950s and '60s. Other directors from it included Alain Resnais and Jean-Luc Godard.

ANSWER: The French **New Wave** [accept La **Nouvelle Vague**]

[10] Many New Wave films, like *The 400 Blows*, *Breathless*, and *Jules and Jim*, were mostly set in this city. The opening of *The 400 Blows* is a series of shots of this city's streets and landmarks, including the Eiffel Tower.

ANSWER: **Paris**, France <IKD>

6. A lot of stuff comes out of a volcano when it erupts. Name some of it, for 10 points each.

[10] Magma is usually expelled from the volcano as *this* form of molten rock. It can be classified as 'a'a ("AH-ah") or *pahoehoe* ("puh-HOY-hoy") depending on its texture.

ANSWER: **lava**

[10] This porous rock, which is formed when bubbles of gas rapidly freeze out of cooling lava, is used commercially as an abrasive. Unlike the similar scoria, this rock is so light that it floats in water.

ANSWER: **pumice** ("PUH-muss")

[10] Far more dangerous than pumice are these thick, destructive mudflows of pyroclastic material that can move faster than 20 miles per hour. In 1985, one of these events killed more than 20,000 people in Armero, Chile.

ANSWER: **lahars** ("LAH-harrs") <SE>

7. Answer some questions about the early days of World War II, for 10 points each.

[10] Germany took Poland extremely quickly by using this kind of warfare, in which tanks are deployed in large numbers with concentrated air support. Its name is German for "lightning war."

ANSWER: **blitzkrieg**

[10] After the invasion of Poland was complete, its allies France and Britain declared war but did nothing for several months. Thus, that period has been given *this* name.

ANSWER: the "**Phony War**" [or **Sitzkrieg**; or **drôle de guerre**]

[10] Some observers saw the Phony War as a struggle to transition out of *this* diplomatic strategy, in which Britain and France had agreed to give Hitler the Sudetenland and basically anything else he wanted.

ANSWER: **appeasement** <JR>

8. The first one of these devices was built at Berkeley in 1932 by Ernest O. Lawrence. For 10 points each:

[10] Identify these early particle accelerators, in which high-energy electrons trace out progressively larger circular orbits. They have largely been superseded by similar but more powerful synchrotrons.

ANSWER: **cyclotrons**

[10] A cyclotron consists of two of *these* hollow, semicircular chambers, which are separated by a gap with an alternating electric field. The large magnetic field inside these chambers keeps particles on a circular trajectory.

ANSWER: **dees** [shaped like the letter D]

[10] The cyclotron electric field switches directions at a frequency in *this* range of the electromagnetic spectrum. This range, which is lower-energy than microwaves, is commonly used for long-distance communication.

ANSWER: **radio** frequency <SE>

9. These objects are paraded around the synagogue on the second day of Shemini Atzeret. For 10 points each:

[10] Name these objects that contain the first five books of the Bible in Hebrew.

ANSWER: **Torah** scroll [or **Sefer Torah**]

[10] Before reading from the Torah, the *oleh* says the *Barechu*, which serves *this* function in the service. In Islam, this function is served by the *Adhan*, which is delivered by a muezzin.

ANSWER: **call to prayer** [accept reasonable equivalents]

[10] Before reading the "extra" *maftir* portion from the Torah, the *gabbai* recites the *Chatzi* form of this prayer. Various versions of this Aramaic prayer mark the major divisions of the Jewish service.

ANSWER: the **Kaddish** <JR>

10. This author retold large portions of Genesis in his epic four-part novel *Joseph and His Brothers*. For 10 points each:

[10] Name this author, who traced the decline of a wealthy Lübeck family in his debut novel.

ANSWER: (Paul) Thomas **Mann** [The debut was *Buddenbrooks*]

[10] Mann's most famous novel is *The Magic Mountain*, which centers on the experience of this process. This process "speeds up" in the novel, so that the first year is narrated in five chapters, but the last six years in just two.

ANSWER: the passage of **time** [accept reasonable equivalents]

[10] Mann's final complete novel, *Doktor Faustus*, is notable for *this* property of its narrator, Serenus Zeitblom. Other famous novels with this kind of narrator include *One Flew Over the Cuckoo's Nest* and *Lolita*.

ANSWER: **unreliable** narrator [prompt on "first person"] <JR>

11. This quantity is related to the average energy of a system by the equipartition theorem. For 10 points each:

[10] Name this quantity that is measured on the Fahrenheit and Celsius scales.

ANSWER: **temperature** [prompt on "*T*"]

[10] This equation describes the dependence of reaction rate on temperature. It takes the form of: a factor representing the frequency of proper collisions, times *e* to the power "negative activation energy over *R-T*".

ANSWER: **Arrhenius** equation

[10] The Arrhenius equation is often modified to be graphed as a line, with *this* quantity on the *y*-axis, and one-over-temperature on the *x*-axis. Thus, *this* quantity equals a constant, minus: activation energy over *R*, times one-over-*T*.

ANSWER: **ln** of **k** [or natural **logarithm** of **k**; accept answers with "the **rate constant**" instead of "*k*"] <AF>

12. This suite includes the movements "The Old Castle" and "Tuileries," between which is a recurring "Promenade." For 10 points each:

[10] Name this piano suite that ends with "The Great Gate of Kiev." It depicts Baba Yaga in "The Hut on Fowl's Legs."

ANSWER: **Pictures at an Exhibition** [or **Kartínki s výstavki**; or **Tableaux d'une exposition**]

[10] The most popular orchestration of *Pictures at an Exhibition* was made by this French composer, who also wrote *Le Tombeau de Couperin* and *Boléro*.

ANSWER: (Joseph) Maurice **Ravel**

[10] Ravel also wrote one of these pieces "for a Dead Princess." Gabriel Fauré's most famous orchestral work is one of these slow, processional dances.

ANSWER: **pavanes** [accept **Pavane for a Dead Princess** or **Pavane pour une infante défunte**] <CX>

13. The protagonist of this novel discusses *Romeo and Juliet* with two nuns. For 10 points each:

[10] Name this novel about the angsty teenager Holden Caulfield, written by J.D. Salinger.

ANSWER: The *Catcher in the Rye*

[10] *The Catcher in the Rye* begins just after Holden loses the equipment for *this* school's fencing team. Holden's teachers at this school include Mr. Spencer.

ANSWER: Pencey Prep

[10] While he thinks about trying to preserve his childhood innocence, Holden recalls seeing some Eskimos in *this* location.

ANSWER: the American Museum of Natural History [or AMNH; prompt on "New York City," "Manhattan," or "Central Park"] <JR>

14. This former brothel-worker convinced her husband not to flee during the Nika Riots. For 10 points each:

[10] Name this empress depicted in a mosaic with her husband in the Basilica of San Vitale in Ravenna.

ANSWER: Theodora

[10] Theodora's husband was this Byzantine emperor, who built the Hagia Sophia and reconquered some of the former Western Roman Empire's territories with the help of his general, Belisarius.

ANSWER: Justinian I [accept Justinian the Great; prompt on just "Justinian"]

[10] According to this highly unsympathetic, and likely exaggerated historical source, Theodora once had swans eat grain off her nude body. This "history" was written by Procopius.

ANSWER: the Secret History [or Historia Arcana; or Apocrypte Historia; or Anecdota] <CW>

15. John Milton didn't just write *Paradise Lost*. Answer some questions about one of his sonnets, for 10 points each.

[10] Milton's sonnet number nineteen is often titled for this condition, which Milton shared with Homer. The poem begins "When I consider how my light is spent," and makes multiple negative references to vision.

ANSWER: blindness [accept "On His Blindness"]

[10] The sonnet, like many of Milton's later poems, makes heavy use of this technique, in which a new thought begins at the end of a line. This kind of line is contrasted with an end-stopped one, which ends with punctuation.

ANSWER: enjambment [accept word forms like "enjambéd"]

[10] In the final tercet of the sonnet, Patience describes the "thousands" who "post o'er land and ocean without rest" for God. In the last line of the poem, Patience says that it is also possible to serve God by doing *this* action.

ANSWER: stand and wait ["They also serve who only stand and wait."] <JR>

16. Answer some questions about pandemics in games, for 10 points each.

[10] In the flash game *Pandemic II*, most games fail due to this large island nation off the east coast of Africa closing its ports for no reason.

ANSWER: Madagascar

[10] The company Pandemic Studios launched this series of *Star Wars* action games before being acquired by EA. The third installment of this series was released in November 2015.

ANSWER: *Star Wars*: Battlefront

[10] In the board game *Pandemic*, one can only cure a disease while at one of *these* places, symbolized by a wooden house. The game starts with one in Atlanta, and the Operations Expert can build one without discarding a card.

ANSWER: Research Stations <AF>

17. Answer some questions about the Horn of Africa, for 10 points each.

[10] This city in the Horn of Africa is home to the headquarters of the African Union. The Lucy skeleton is kept in a national museum here.

ANSWER: Addis Ababa

[10] Addis Ababa is the capital of this country, which was led by Haile Selassie from 1916 to 1974.

ANSWER: Federal Democratic Republic of Ethiopia

[10] Addis Ababa is overlooked by a mountain forest of *these* evergreen trees, which were imported from Australia.

ANSWER: eucalyptus [accept more specific answers] <MK/JR>

18. Answer some questions about the *Theaetetus*, for 10 points each.

[10] In the *Theaetetus*, this character calls himself a "midwife to knowledge." He also defends absent-minded philosophers by claiming that they're interested in "higher" matters.

ANSWER: Socrates

[10] The *Theaetetus* is one of Plato's major dialogues about *this* subject, which is at one point supposed to be "true judgment with an account." In other words, *Theaetetus* is a work of epistemology.

ANSWER: knowledge [or episteme]

[10] Theaetetus was a real thinker, whose main work in *this* field consisted of proving that the Platonic solids are the only regular convex polyhedra. Other famous thinkers in this field included Euclid.

ANSWER: geometry <JR>

19. Name some mythological figures associated with women named Creusa, for 10 points each.

[10] One woman named Creusa was the mother of this first son of Aeneas. He inadvertently set off a war by shooting a stag, and he later founded Alba Longa.

ANSWER: Ascanius

[10] Another Creusa was the mother of Ion. She was raped by this god of poetry, medicine, and prophecy. Creusa and Ion were reunited in Delphi, where this god's oracle was located.

ANSWER: Apollon [or Phoebus]

[10] A woman sometimes named Creusa was betrothed to Jason and thus earned the ire of this granddaughter of Helios. This sorceress was the previous wife of Jason, but killed their children.

ANSWER: Medea <CX>

20. This river catastrophically flooded in 1332 and 1887. For 10 points each:

[10] Name this river that gets its name from high silt levels, which make it ideal for farming millet and other crops. It was once home to one of the "four river valley civilizations."

ANSWER: Yellow River [or Huang He]

[10] The Yellow River culture eventually gave rise to this first historical Chinese dynasty. This bronze-age dynasty preceded the Zhou.

ANSWER: Shang dynasty

[10] Most Shang dynasty writing is preserved on these objects, which were used for divination.

ANSWER: oracle bones [or jiagu; prompt on just "bones" or "dragon bones"] <JR>

Tiebreaker

21. This city hosted a conference proposed by Henry Dunant that guaranteed the protection of the Red Cross. For 10 points each,

[10] Name this Swiss city whose four namesake Conventions govern the conduct of war.

ANSWER: **Geneva** [or **Génève**]

[10] This Dutch city hosted conferences in 1899 and 1907 that modified the first Geneva Conventions and banned certain types of explosives. It is now the home of the International Court of Justice, which sits in its Peace Palace.

ANSWER: The **Hague** [or Den **Haag**]

[10] This monarch proposed the Hague Conferences and pursued a stronger alliance with France. His suggestion that Austria's ultimatum to Serbia be submitted to the Permanent Court of Arbitration failed.

ANSWER: **Nicholas II** [or **Nikolai II**; prompt on just "Nicholas" or "Nikolai"] <CW>