## Early Autumn Collegiate Novice 3 (Fall 2012), Packet #8

Written by Farrah Bilimoria, Nick Conder, Siddhant Dogra, Aaron Dos Remedios,
Ian Drayer, Michael Garn, Alex Gerten, Abid Haseeb, Matthew Hill, Michael Hundley, Melanie Keating, Shan
Kothari, Tanay Kothari, Ryan McLaren, Colin McNamara, Jacob O'Rourke, Zach Pace, Srijay Rajan, Ryan
Rosenberg, Tony Song, Spencer Weinreich, Tristan Willey, Richard Yu, and Ben Zhang
Edited by Andrew Hart

## **Tossups**

- 1. The most probable value for this quantity in an ideal gas is root two "RT" over molar mass. Power is the dot product of force and this quantity. Centripetal force equals mass times the square of this quantity divided by radius. The value of this quantity that is needed to escape a gravitational field is called its "escape" type. Linear momentum equals mass times this quantity, which, when squared and multiplied with mass, equals kinetic energy. For 10 points, acceleration is the time derivative of what vector quantity that measures the rate of change in position? ANSWER: velocity [accept speed]
- 2. In one opera by this composer, a character sings "Deh, tu reggi in tal momento" and is accused of stealing a silver spoon. This composer, who described Ninetta in *The Thieving Magpie*, wrote an opera whose title character assists Count Almaviva in marrying Rosina and sings the aria "Largo al factotum." In another of his operas, the title Swissman sings the aria "Sois immobile" while shooting an apple off the head of his son Jemmy. For 10 points, name this Italian composer of *The Barber of Seville* and *William Tell*.

ANSWER: Gioachino [Antonio] Rossini

3. In this work, a king orders the title figure to yawn. Its title character once saw a sunset forty-four times and meets a fox who wishes to be tamed. The narrator of this work, who as a child drew a picture of a boa constrictor that was mistaken for a hat, meets the title figure following a plane crash in the Sahara Desert. Its title character loves a rose with four thorns and allows himself to be bitten by a snake in order to go back to his "planet." For 10 points, name this novella by Antoine de Saint-Exupery concerning a diminutive figure from Asteroid B-612.

ANSWER: Le **Petit Prince** [or The **Little Prince**]

- 4. The second person to hold this position, Oliver Wolcott Jr., was forced to resign after being accused of setting fire to the State Department. During the Harding, Coolidge, and Hoover administrations, this position was held by Andrew Mellon. The first person to hold this position authored two "Reports on the Public Credit" and a "Report on Manufactures" and championed the creation of the First Bank of the United States. For 10 points, Alexander Hamilton was the first to hold what cabinet position, which oversees the finances of the United States? ANSWER: Secretary of the <u>Treasury</u>
- 5. This author graded a number of his own works, giving the present work a C, in his *Palm Sunday*. He created a character who is the only man to ever send fan letters to the author of works used as filler in pornographic magazines. This author, who created devoted Kilgore Trout fan Eliot Rosewater, wrote of Pontiac dealership owner Dwayne Hoover in *Breakfast of Champions*. In another of his novels, the main character becomes unstuck in time and travels to the planet Tralfamadore. For 10 points, name this American novelist of *Slaughterhouse-Five*.

ANSWER: Kurt **Vonnegut** [Jr.]

- 6. The main character in this novel does not like her sister's cat, Buttercup. The mayor's daughter, Madge Undersee, gives a pin to her friend in this novel, in which one character admits loving another in a television interview with Caesar Flickerman. Effic Trinket has pink hair and is disgusted by Haymitch's drunken antics in this novel, in which Rue becomes allies with the lead female. Its protagonist, who hails from District 12, sells food at the Hob with her friend Gale. For 10 points, name this novel narrated by Katniss Everdeen, the first in a series by Suzanne Collins. ANSWER: *The Hunger Games*
- 7. In this country, a sacred mirror is housed inside a temple that is rebuilt every twenty years. One deity from this country was offended by her brother's noise and hid in a cave, but was lured out by a sensuous dance. A god in this country's myth system gave birth to a storm god from his nose, a moon god from his right eye, and a sun goddess from his left eye after failing to retrieve his sister-wife from Yomi, the underworld. Deities in this country's myth system are called kami. For 10 points, name this island country that is home to the deities Izanagi and Amaterasu. ANSWER: <u>Japan</u> [or <u>Nihon</u>-koku; or <u>Nippon</u>-koku]
- 8. One work by this composer was originally called "Rumba" and was based on the Ignacio Piñeiro song "Echale Salsita." Another work by this composer, the score of which includes four taxi horns, was composed when he was visiting Nadia Boulanger in France. A popular piano concerto by this composer opens with a clarinet glissando. This composer of a *Cuban Overture* frequently combined blues and jazz with classical music. For 10 points, name this American composer of *An American in Paris* and *Rhapsody in Blue*.

ANSWER: George **Gershwin** 

- 9. This politician's predecessor was brought down by strikes by garbage collectors and other groups that coincided with a season of heavy blizzards. Arthur Scargill led a major coal strike during the rule of this leader, who was the target of the Brighton hotel bombing by the Irish Republican Army. This politician authored a "Conservative Manifesto" and is the namesake of an ideology often paired with Reaganomics. The Falklands War took place during her term. For 10 points, name this British Prime Minister nicknamed "the Iron Lady." ANSWER: Margaret [Hilda] **Thatcher**
- 10. One member of this family formed a senate called the Cento. Another of its members issued one papal bull that put into effect the Concordat of Bologna and another bull called *Exsurge Domini*. A queen-mother of France from this family may have ordered the St. Bartholomew's Day massacre. One of its members was killed during Easter mass in the Pazzi conspiracy. One member of this family patronized Botticelli and was known as "the Magnificent." For 10 points, name this banking family whose members Cosimo and Lorenzo were rulers of Florence. ANSWER: **Medici** family [or House of **Medici**; or Famiglia **de Medici**; or the **Medicis**]
- 11. A method of producing this element at high purity is the Czochralski process. Like carbon-containing compounds, compounds containing this element can undergo catenation and can exhibit chirality due to this element's tetrahedral structure. A compound containing carbon, hydrogen, and this element is the standard for calibrating chemical shift in NMR spectroscopy. This semiconducting metalloid, which is found in TMS, has an atomic number of 14. For 10 points, name this element that, like germanium, is commonly used in computer chips. ANSWER: silicon [or Si]

- 12. One author from this country wrote about a man who celebrates his many "spiritual victories." In a novel from this country, three friends swear the Oath of the Peach Garden. A novel focusing on thirty-six Heavenly Spirits and seventy-two Earthly Fiends was written in this country, also the setting of "The True Story of Ah Q." Ezra Pound translated a poem from this country, "The River Merchant's Wife." This country's Four Classics include Romance of the Three Kingdoms and Water Margin. For 10 points, name this home country of Li Po, a Tang Dynasty poet. ANSWER: China [or Zhongguo; accept People's Republic of China; or PRC]
- 13. A work of this type featuring a twisted arm was painted by Egon Schiele. Artemisia Gentileschi created a work of this type that depicts the "allegory of painting." Parmigianino created one of these works "in a convex mirror." Frida Kahlo created works of this type featuring hummingbirds and monkeys. A Dutch post-impressionist created many works of this type, including one featuring a straw hat and one showing a bandaged ear. For 10 points, name this type of painting in which the artist depicts their own likeness.

ANSWER: self-portraits [prompt on portraits; accept equivalents like paintings of yourself]

- 14. This speech mentions "the thousand natural shocks that flesh is heir to," which can be ended "by a sleep." Its speaker asks what dreams may come in the "sleep of death" when "we have shuffled off this mortal coil." It notes that "conscience does make cowards of us all," and asks "whether 'tis nobler in the mind to suffer...or to take Arms against a sea of troubles." The opening phrase of this speech contemplates suicide after Ophelia's apparent rejection of the speaker. For 10 points, name this soliloquy by Hamlet that opens with a question about existence.

  ANSWER: "to be, or not to be" soliloquy [prompt on answers mentioning Hamlet, such as Hamlet's speech]
- 15. This thinker stated that *propeteia* and *astheneia*, or impetuosity and weakness, were forms of *akrasia*, or incontinence. He drew various analogies between physical health and *eudaimonia*. Theophrastus succeeded this thinker in the Peripatetic school. This thinker claimed that the role of tragedy was to cleanse the mind of pity and terror and expounded on the ideas of *mimesis* and *catharsis* in his *Poetics*. For 10 points, name this Greek author of the *Nichomachean Ethics*, a student of Plato and a teacher of Alexander the Great.

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

- 16. The type of this shape that is tangent to a curve at a point has the same curvature as that curve at that point and lies on the inner side of that curve is referred to as an "osculating" one of these shapes. A curve that is both a brachistochrone and a tautochrone is generated using this shape. A torus is be generated by revolving this shape about an axis in three-dimensional space, a cycloid is generated by rolling this shape, and a sphere is generated by rotating this shape. For 10 points, name this shape, the area of which is equal to pi times its radius squared. ANSWER: a circle
- 17. This city's suburb of Chaidari is home to the Daphni Monastery, a UNESCO World Heritage Site. This city includes the Lycabettus and the Ilissus River, which flows west of Mount Hymettus before joining the Cephissus River. It is east of the Thriasian Plain and south of Mount Parnitha. The Saronic Gulf, an arm of the Aegean Sea, separates this Attican city from Salamis. The Erechtheion and Theater of Dionysus are found on its Acropolis alongside the Parthenon. For 10 points, name this capital of Greece.

ANSWER: Athens

- 18. Stemmata are a variety of this structure found in insect larvae, but adult insects often have an "apposition" type made of hexagonal ommatidia. Recoverin and crystalin are proteins in this structure. The hyaloid canal passes through the vitreous humor that occupies most of these organs. Vitamin A consumption affects the cones of these organs, which are less sensitive than rods. Macular degeneration and cataracts are conditions that can affect these organs. For 10 points, name these organs in which light is focused onto the retina by the lens, facilitating sight. ANSWER: eves
- 19. A "Marshall Plan" for this country was proposed by its president Andres Pastrana, leading this country to secure aid from the Clinton administration. This country's rejection of the Hay-Herran Treaty led the U.S. to support the independence movement of its northern neighbor. Alvaro Uribe sought to suppress the growing of coca in this country, which is home to the FARC guerrillas. For 10 points, name this Latin American country that formerly controlled Panama, which was home to Pablo Escobar's Medellin cocaine cartel.

ANSWER: Republic of **Colombia** 

20. This religion's founder penned the "Large" and "Small" Catechisms and the Smalcald articles, all of which are part of the *Book of Concord*. This faith believes in sacramental union instead of transubstantiation. One of its early leaders, Philip Melanchthon, largely penned its twenty-eight-article *Augsburg Confession*. The Missouri and Wisconsin synods are divisions of this religion, which is the state church of Norway and Denmark. For 10 points, name this branch of Protestantism based on the teachings of a namesake German Monk who authored the *95 Theses*.

ANSWER: <u>Lutheran</u>ism

TB-21. Two ways to make these objects visible are iodine fuming and cyanoacrylate fuming. Melville MacNaghten discovered one of them belonging to the Stratton brothers. Francis Galton invented a method of sorting these objects, which come in latent and plastic types of these can be found. The FBI's IAFIS database contains over one hundred million patterns of these objects, which are classified as arches, whorls, or loops. For 10 points, name these unique patterns found on the ends of human digits.

ANSWER: fingerprints

TB-22. One battle in this country saw its king die in a marsh at the age of nineteen. One of its kings, called "the Raven," headed up the mercenary "Black Army." The armies of this country under Louis II were defeated at Mohacs in 1526. This country was liberalized following the administration of Matyas Rakosi, during which time Janos Kadar was elected General Secretary of the Socialist Party. This country experienced the Revolution of 1956. For 10 points, name this country that was unified from 1867 until 1918 with Austria, and whose capital is Budapest. ANSWER: **Hungary** [or **Magyar**ország]

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## **Bonuses**

1. This state's power to control its Indian lands was limited in the Worcester case. For 10 points each:

[10] Name this Southern state, which was the endpoint of Sherman's March to the Sea during the Civil War.

ANSWER: Georgia

[10] This English prison reformer founded the state of Georgia as a debtors' refuge in 1732.

ANSWER: James **Oglethorpe** 

[10] Georgia was the site of the 1742 Battle of Bloody Marsh during this oddly named war, which was later subsumed by the War of the Austrian Succession and takes its name from an object shown in Parliament.

ANSWER: War of **Jenkins' Ear** 

2. This is the tallest building in the city that houses the Lake Shore Drive Apartments. For 10 points each:

[10] Name this Chicago skyscraper, currently the tallest in the United States.

ANSWER: Willis Tower [accept Sears Tower]

[10] Chicago is home to the Jay Pritzker Pavilion bandshell in Millennium Park, designed by this American architect, who also designed the Walt Disney Concert Hall in Los Angeles and the Guggenheim Museum in Bilbao.

ANSWER: Frank [Owen] Gehry [or Ephraim Owen Gehry; or Frank Owen Goldberg]

[10] This city is home to Gehry's Experience Music Project, which has been compared to a "smashed electric guitar." Rem Koolhaas designed its Central Library.

ANSWER: Seattle, Washington

3. This man put down a rebellion by eleven pretenders after an old wizard proclaimed him king. For 10 points each:

[10] Name this legendary figure who wielded the sword Excalibur.

ANSWER: King Arthur

[10] This man is the legendary father of Arthur by his enemy Gorlois's wife, Igraine.

ANSWER: **Uther Pendragon** [accept either]

[10] After Arthur was taken away by Merlin, this man took Arthur in as his foster brother. Arthur serves as this man's squire and unknowingly pulls the sword from the stone to replace this knight's sword.

ANSWER: Sir Kay [or Caius; or Kex]

4. The protagonist of this novel was switched at birth with Shiva by Mary Pereira. For 10 points each:

[10] Name this novel whose protagonist, a telepath with a runny nose named Saleem Sinai, is one of the title characters who were born at the exact time of India's independence.

ANSWER: Midnight's Children

[10] This man wrote Midnight's Children, and a fatwa was issued against him after he published The Satanic Verses.

ANSWER: [Sir Ahmed] Salman Rushdie

[10] In 1981, *Midnight's Children* received this literary prize, which is given each year to the best novel written by a citizen of the United Kingdom, Ireland, or the Commonwealth of Nations.

ANSWER: Man Booker Prize for Fiction

5. John Ruskin claimed that this artist "flung a pot of paint in the public's face." For 10 points each:

[10] Name this American painter of Nocturne in Black and Gold: The Falling Rocket.

ANSWER: James Abbot McNeill Whistler

[10] Whistler's Arrangement in Grey and Black, No.1 depicts a person with this relationship to Whistler.

ANSWER: his mother [accept equivalents]

[10] Whistler's depiction of Old Battersea Bridge is a Nocturne in gold and this color, a variant of which French artist

Yves Klein created and named after himself.

ANWER: blue [accept International Klein Blue]

6. Latin students often study this author's Commentaries on the Gallic War. For 10 points each:

[10] Name this Roman conqueror who was assassinated by Cassius and Brutus.

ANSWER: Gaius Julius Caesar

[10] Caesar said "the die is cast" before crossing this river, which the Senate had forbade him from going beyond.

ANSWER: the **Rubicon** 

[10] After the collapse of the Triumvirate, Caesar won this battle in central Greece against a much larger force led

by Pompey. After his defeat at this site, Pompey fled to Egypt, where he was assassinated.

ANSWER: Battle of **Pharsalus** 

7. In this novel, the protagonist joins a strike led by John Galt. For 10 points each:

[10] Name this novel centering on a Vice President of a railroad company, Dagny Taggart.

ANSWER: Atlas Shrugged

[10] Atlas Shrugged was written by this female author who created architect Howard Roark in The Fountainhead.

ANSWER: Ayn **Rand** [or Alisa Zinov'yevna **Rosenbaum**]

[10] This pronoun appears before "the Living" in the title of an Ayn Rand novel about Kira Argounova's life in

post-revolutionary Russia. Yevgeny Zamyatin used it as the title of a dystopian novel about D-503.

ANSWER:  $\underline{\mathbf{we}}$  [accept  $\underline{\mathbf{We}}$  the  $\underline{\mathbf{Living}}$ , or  $\underline{\mathbf{My}}$ ]

8. This technology is implemented by namesake cards manufactured by nVidia. For 10 points each:

[10] Name this technology that uses rasters, sprites, vectors, and pixels to display images.

ANSWER: computer graphics

[10] One technique for rendering three-dimensional graphics attempts to "trace" the path that one of these objects takes as it bounces throughout an environment.

ANSWER: a <u>ray</u> of light [accept <u>ray tracing</u>]

[10] A filter can be used to combat this phenomenon in which an image reconstructed from discrete samples differs from the original image as a result of a too-low sampling rate.

ANSWER: <u>aliasing</u> [accept word forms; accept <u>anti-aliasing</u>; prompt on <u>distortion</u> or word forms]

9. Answer the following about Edgar Allen Poe's writings, for 10 points each.

[10] In this poem by Poe, the narrator ponders "weak and weary" as he hears the title bird "rapping at my chamber door," and is later infuriated by its inability to say anything but "Nevermore."

ANSWER: "The Raven"

[10] This Poe poem speaks of the title maiden who lived in a "kingdom by the sea" but ended up "in a sepulcher."

ANSWER: "Annabel Lee"

[10] In this Poe short story, the title character is stalked by his doppelganger, whom he eventually tries to stab but ends up killing himself.

ANSWER: "William Wilson"

- 10. Name the following about the production of a certain compound, for 10 points each.
- [10] This compound is a diprotic acid that can undergo electrophilic aromatic substitution with benzene. This leading cause of acid rain has a chemical formula of H<sub>2</sub>SO<sub>4</sub>.

ANSWER: sulfuric acid [do not accept "sulfurous acid"; accept oil of vitriol; accept fuming sulfuric acid]

[10] An early method of producing sulfuric acid was to react an aqueous solution of sulfur dioxide with nitrogen dioxide in chambers lined with this heavy metal.

ANSWER: <u>lead</u> [or <u>Pb</u>; accept <u>lead chamber</u> process]

[10] This process, which uses a vanadium-five-oxide catalyst, has largely replaced the lead chamber process for producing sulfuric acid.

ANSWER: contact process

- 11. Before ascending to the throne, this man was forced to watch the execution of his friend Hans Hermann von Katte. For 10 points each:
- [10] Name this Prussian king who seized Silesia to begin the War of the Austrian Succession in 1740.

ANSWER: Frederick the Great [prompt on Frederick; or Frederick II; or Frederick Der Grosse; or Old Fritz]

[10] Frederick the Great's invasion of Silesia challenged this woman's inheritance of the throne of Austria. She started a period of economic, educational, and military reform that was continued by her son Joseph II.

ANSWER: Maria Theresa Walburga Amalia Christina

[10] Frederick the Great and Maria Teresa participated in the first of these three agreements that divided parts of an Eastern European country between Prussia, Austria, and Russia.

ANSWER: <u>partitions of Poland</u> [accept any equivalent that conveys the <u>dividing of Poland</u> or <u>Poland</u>. <u>Lithuania</u>]

12. This novel opens as one of the title characters tramples a young girl and pays off onlookers. For 10 points each: [10] Name this short novel in which Mr. Utterson investigates the strange behavior of his friend, who turns out to be the murderer of Sir Danvers Carew.

ANSWER: The Strange Case of **Dr. Jekyll and Mr. Hyde** [or **Jekyll and Hyde**]

[10] This Scottish author of Dr. Jekyll and Mr. Hyde also wrote Kidnapped and Treasure Island.

ANSWER: Robert Louis **Stevenson** 

[10] This villain of *Treasure Island* serves as a father figure to Jim. He claims to have lost his leg under the service of Edward Hawke.

ANSWER: Long John Silver [accept either underlined part; prompt on John]

13. This thinker defined metaphysics as "the cognitions after which reason might strive independently of all experience." For 10 points each:

[10] Name this German thinker who defined Enlightenment as "man's emergence from his self-imposed immaturity." He also wrote the *Critique of Pure Reason* and the *Critique of Practical Reason*.

ANSWER: Immanuel Kant

[10] This Kantian doctrine discussed in his *Groundwork for the Metaphysics of Morals* indicates that one's actions should be performed as if those actions were to be made into universal law.

ANSWER: categorical imperative

[10] This pessimistic German criticized Kant in his The World as Will and Representation.

ANSWER: Arthur Schopenhauer

- 14. The two main characters in this movie bond over *Good Housekeeping* and John Stamos. For 10 points each:
- [10] Name this movie in which Dale and Brennan build bunk beds, do karate in the garage, get into a fight with a bunch of children, and have arguments over a drum set.

ANSWER: **Step Brothers** 

[10] This SNL star of Elf and Anchorman plays Brennan opposite John C. Reilly's Dale in Step Brothers.

ANSWER: Will Ferrell [or John William Ferrell]

[10] Dale and Brennan crash a yacht while making a music video for this song that includes the lyrics "we're almost out of gas, call the Arabs!" and "I'll do you on the bottom while you drink a Sangria."

ANSWER: "Boats n' Hoes"

- 15. Name the following composers who titled works after Romeo and Juliet, for 10 points each.
- [10] This Russian turned Shakespeare's work into a symphonic poem styled as a "Fantasy Overture" that contains music often played during kissing scenes. He also wrote *Swan Lake*.

ANSWER: Pyotr Ilyich <u>Tchaikovsky</u> [or Peter Ilyich <u>Tchaikovsky</u>]

[10] This Russian adapted Romeo and Juliet into a ballet of the same name, which includes a "Dance of the Knights." He also composed the Lieutenant Kije Suite and Peter and the Wolf.

ANSWER: Sergei [Sergeyevich] **Prokofiev** 

[10] This Englishman wrote an opera based on a Gottfried Keller work called *A Village Romeo and Juliet*. He also wrote the *Florida Suite* while living in the U.S.

ANSWER: Frederick **<u>Delius</u>** [or Frederick Theodore Albert **<u>Delius</u>**]

- 16. Nationalism, democracy, and welfare were this man's "Three Principles of the People." For 10 points each:
- [10] Name this leader who inspired the overthrow of the Qing Dynasty in 1911 and served as the first President of the Republic of China.

ANSWER: <u>Sun</u> Yat-sen [or <u>Sun</u> Zhongshan; or <u>Sun</u> Yixian; prompt on <u>Yat-sen</u>]

[10] This later Chinese leader carried out communist programs like the Great Leap Forward and the Cultural Revolution, the latter of which lasted until his death in 1976.

ANSWER: <u>Mao</u> Zedong [or <u>Mao</u> Tse-tung; prompt on <u>Zedong</u> or <u>Tse-tung</u>]

[10] Mao allowed public criticism of the government during this brief period of political reform in 1956. After this campaign, he cracked down on many of those critics in the Anti-Rightist Campaign.

ANSWER: **Hundred Flowers** Campaign [or **Baihua yundong**]

- 17. Amrit Sanchar is a baptism ceremony in this religion. For 10 points each:
- [10] Name this Indian religion founded by Guru Nanak, whose spiritual center is the Golden Temple in Amritsar.

ANSWER: Sikhism

[10] This Indian religion follows a principle of extreme nonviolence called *ahimsa*. Its two main sects are the Svetambara, whose monks wear white clothes, and the Digambara, whose monks wear no clothes.

ANSWER: Jainism [or Jaina Dharma; or Jainamatam or Samanam]

[10] Worshipers of this Hindu god celebrate a holiday called his "great night," during which a phallic representation of him called a Lingam must be bathed.

ANSWER: **Shiva** [or **Siva**]

18. The power of one of these objects approximately equals one less than the index of refraction times the difference of its radii of curvature. For 10 points each:

[10] Name these optical devices that create images by refracting light and come in concave and convex varieties.

ANSWER: **lens**es

[10] In convex lenses, beams of light parallel to the lens axis that pass through the lens converge at this point.

ANSWER: **focal** point [or **focus**]

[10] This problem in optics occurs when light doesn't entirely converge to one point after passing through a lens. The chromatic form of this occurrence happens when light of different wavelengths converge at different points.

ANSWER: <u>aberration</u> [accept <u>chromatic aberration</u>]

19. An equilibrium between colonization and extinction is the basis for a theory of the biogeography of these entities published by E.O. Wilson and Robert MacArthur. For 10 points each:

[10] Name these isolated geographical bodies, species on which may develop dwarfism or gigantism.

ANSWER: **island**s [accept equivalents]

[10] While on the HMS Beagle, Charles Darwin landed at Punta Pitt on this archipelago, whose adaptive radiations of finches, mockingbirds, and giant tortoises influenced his theory of evolution

ANSWER: **Galapagos** Islands

[10] This dark-skinned endemic species of the Galapagos Islands spits salt out of a nasal gland, and is unique among modern lizards for its extended feeding and diving in the sea.

ANSWER: Galapagos marine **<u>iguana</u>**s [or **<u>A</u>mblyrhynchus <u>cristatus</u>**]

20. This man discusses the "nature" and "motive" of morality in his *Theory of Moral Sentiments* and uses the example of a pin factory to discuss the division of labor in another work. For 10 points each:

[10] Name this economist who used the image of an "invisible hand" in *The Wealth of Nations*.

ANSWER: Adam **Smith** 

[10] Robert Barro's "equivalence" named for this man states that financing government with taxes or debt has the same effect; this man also proposed the comparative advantage in his *Principles of Political Economy and Taxation*.

ANSWER: David **Ricardo** 

[10] The Slutsky equation shows the relation between this man's namesake demand function and Hicksian demand. This British economist's 1890 *Principles of Economics* emphasized the influence of supply and demand on prices.

ANSWER: Alfred Marshall

Extra. Sanditon is this woman's last, unfinished novel. For 10 points each:

[10] Name this nineteenth-century English novelist whose lesser-known works include Lady Susan, The Watsons, and Sir Charles Grandison.

ANSWER: Jane Austen

[10] In this Austen novel, set around the fictional town of Meryton, a condescending Lady Catherine de Bourgh objects to the marriage of the central characters, Elizabeth Bennet and Mr. Fitzwilliam Darcy.

ANSWER: **Pride and Prejudice** 

[10] Sisters Elinor and Marianne Dashwood embody the title concepts of this Austen novel.

ANSWER: **Sense and Sensibility**