



1. In 1990, Assis. et al showed that Maxwell's assumption of constant velocity was not necessary when deriving this law from Weber's law. The charge continuity equation can be derived by taking the divergence of this equation. One quantity important in this law equals the differential of the electric field flux with respect to time multiplied by the vacuum permittivity. Two forms of this equation can be related by the Kelvin-Stokes theorem. Under certain symmetries, such as with a field that is constant along the path of integration, this law is more useful than the Biot-Savart law. This equation states that, for a closed loop, the line integral of the B-field equals the permeability times the current through the loop. For 10 points, name this member of Maxwell's equations, which Maxwell corrected by adding a term for displacement current.

ANSWER: Ampere's circuital law

245-14-67-03101

2. In a novel by this author, the protagonist is saved from a whirlpool by his levitating Buddhist cousin and sees a dragon in the ocean after taking LSD. In one novel by this author, some characters escape the police by blowing a hole in the wall of a Roman amphitheater, which then collapses. One novel by this author includes a woman who rescues a butterfly on a train but forgets her husband's hat and luggage. This author created a protagonist who decides to steal a film star dog named Mister Mars after breaking into a bookseller's flat. This author's novels include one set at Michael Meade's community at Imber Court, one about the retirement of theater director Charles Arrowby, and one about a man who plagiarized *The Silencer* from his friend Hugo, Jake Donahue. For 10 points, name this author of *The Bell*, *The Sea*, *The Sea*, and *Under the Net*.

ANSWER: Iris Murdoch

252-14-67-03102

3. A member of this family was assassinated by Kosai Motochika in 1507. This family was named for an estate in Mikawa province. One of its member created the position of Kanrei and proposed the post be shared between this family and the Hatakeyama and Shiba clans. A Prime Minister of this surname resigned after 8 months in 1994 and was the head of the Japan New Party. A member of this clan was given extensive holdings in Buzen for aiding Tokugawa Ieyasu and was named Tadaoki. A woman who married into this family ordered that one of her attendants kill her rather than be forced to move to Osaka Castle; that female member of this clan took the name Gracia after converting to Christianity. One member of this family, Katsumoto, clashed with his father-in-law Yamana Mochitoyo in the Onin War. For 10 points, name this offshoot of the Ashikaga clan.

ANSWER: Hosokawa Clan

094-14-67-03103

4. The speaker of a Richard Wilbur poem about the film version of this novel declares, "It is hard to quarrel / With a plot so moral". The protagonist of this novel is encouraged to shave his beard off by Colonel Sapt and in its epilogue is delivered a rose every year from his former lover by the messenger Fritz. Its hero lies to his sister, Lady Rose Burlesdon, about taking a trip to Tyrol. This novel's protagonist has a long nose, blue eyes and red hair which remind the neighbors of an 18th century scandal in the family but proves handy when he must stand-in for a man drugged by the Duke of Streslau. Its sequel was titled *Rupert of Hentzau*. Flavia decides to leave Rasendyll and marry Rudolph the Fifth at this novel's conclusion. For 10 points, name this novel by Anthony Hope about a captured King of Ruritania.

ANSWER: *The Prisoner of Zenda*

094-14-67-03104

5. One man said that people in this city "entangled among thorns and drunk from their wine" would be "consumed like dry stubble." That man also called this city the "bloody city" and the "dwelling of lions". Another man in this city is given shelter under a leafy plant, only to see that plant wither and die the next day. One man cried that "within forty days" this city would be overthrown and a king in this city puts on sackcloth and sits down in dust. That man was supposed to go to this biblical city, but instead fled to Tarshish. During his flight, God sent a storm, which led this man to repent and travel to this city. For ten points, name this city targeted by the prophet Nahum, and the city that Jonah is supposed to visit before being swallowed, the capital of the Neo-Assyrian Empire.

ANSWER: Nineveh

250-14-67-03105

6. Danièle Hervieu-Leger described these entities as collective chains of memory. William Sims Bainbridge and Rodney Stark applied rational choice theory to the adoption of these entities, resulting in the theory of this type of economy. In recent decades, Peter Berger has reversed his earlier prediction that these entities are in decline, expressed in works like *The Sacred Canopy*. The first three paragraphs of John F. Kennedy's Inaugural Address are dissected in a Robert Bellah paper describing the American Civil type of these entities. Edward Tylor described them as survivals of past animistic beliefs, and this kind of belief is placed between magic and science in James Frazer's three stages of civilization. For 10 points, name these institutions whose demise is predicted by the secularization thesis.

ANSWER: religion [accept word forms]

237-14-67-03106

7. Jeffrey Satinover documented Michael Ber Weissmandl's work on these entities, which included an analysis of the hanging of Haman's ten sons. Brendan McKay worked with Dror Bar-Natan, Gil Kalai, and Maya Bar-Hillel to rebut the existence of these entities, and he claimed to use them to derive details about the assassination of Yitzhak Rabin from *Moby-Dick*. The primary method for discovering these entities is the Equidistant Letter Sequence method. Doron Witztum, Eliyahu Rips, and Alexander Rotenberg promoted them in a paper claiming that the names and lifespans of great Rabbis are spatially more compact in the Book of Genesis than expected by chance. The existence of these messages was popularized in three books by Michael Drosnin. For 10 points, identify these hidden messages supposedly found in the first five books of the Old Testament.

ANSWER: Bible codes [or Torah codes]

237-14-67-03107

8. Arson at the Al-Mishraq sulfur plant in this city resulted in the largest-ever recorded release of sulfur dioxide into the atmosphere. A school of painting named for this city is exemplified by a frontispiece for Galen's *Book of Antidotes* now in the National Library in Paris. The British Museum houses a brass ewer by Shuja ibn Mana from its 13th century school of metalworking. The beauty of the fabric produced in this city provides the etymology for the word muslin. This city's Great Mosque was constructed in 1172 by the founder of the Zengid Dynasty. It lies across the Tigris from the ancient city of Nineveh. In 2003, Uday and Qusay Hussein were killed in a skirmish in this city. ISIS has expelled most of its Christians. For 10 points, name this city in northern Iraq, the country's third most populous.

ANSWER: **Mosul** [or Al-**Mawsil**]

094-14-67-03108

9. Near the beginning of this piece's fourth movement, clarinets, trombones, and bassoons play a theme introduced in the middle section of the third movement. In the middle of its andante second movement, a woodwind melody is accompanied by slurred, syncopated eighth-note triplets in the strings, which turn into 16th note arpeggi traded between string sections. At the beginning of this piece's 3/8 poco allegretto third movement, triplet 16th note arpeggi in the violins and violas accomany a *mezza voce* melody in the celli. Unusually for symphonies of its time, all four movements end quietly. Eduard Hanslick championed this symphony as its composer's "most nearly perfect." The motto "Frei aber Froh," or "free but happy," is the basis for this symphony's recurring F-A flat-F motif. For 10 points, name this 1883 symphony by the composer of *Academic Festival Overture*.

ANSWER: Johannes **Brahms**'s Symphony No. **3** [or Johannes **Brahms**'s **Third** Symphony]

237-14-67-03109

10. One of these countries challenged the other's Tannerite-dominated cabinet in the Night Frost crisis. The Viena expedition and the Aunus expedition were part of the Kinship Wars, a series of conflicts between them. While on vacation in Hawaii, a leader of one of these countries received a request from the other to renew the YYA treaty in the so-called Note Crisis. Germany intervened in a war between these countries via Operation Silver Fox, and one of them invaded the other after shelling its own village of Mainila. These signatories to the Treaty of Tartu fought a war which featured a sniper called "The White Death." The VT line and the Mannerheim line separated these countries, the combatants in the Continuation War. For 10 points, name these countries which fought the Winter War.

ANSWER: **Finland** and **Russia** [accept **USSR** or **Soviet** Union for Russia; accept **Suomi** for Finland]

252-14-67-03110

11. This man can barely be seen gazing down from a balcony in a Hans Memling painting where the second title character emerges nude from a blue canopy. In one Rembrandt painting of this man, his spurs indicate he is about to leave the elderly man whose chest he buries his face against; in another, a turbaned king looks nervously at this youth, who plays a harp. He wears a crown in a Nicolas Cordier sculpture. This figure bends down and ties the hair of another man in a painting in the Prado by Caravaggio. Rembrandt painted him about to depart from Jonathan. The feather from a helmet runs up this figure's thigh in a bronze sculpture where he wears boots and a hat but no other clothing commissioned for the Medici Palace. For 10 points, name this Biblical hero whom Donatello depicted standing on the head of Goliath.

ANSWER: King **David**

094-14-67-03111

12. This work compares the comedic virtues of Beckmann and Grobecker in discussing the failure of aesthetic categories to describe the farces at the Königstädter Theater. This book's narrator explains that the story is a dialectical battle through which the poet emerges in an appendix addressed to "Mr. X." One letter in this work claims that the category of a "test" was created by Job, whose claim that he and God are in the right are contrasted with his friends' claims that he is being punished. This work contrasts its title concept from Socratic recollection in that it is performed forward, not with reference to the past. For 10 points, name this book written by Søren Kierkegaard, under the pseudonym Constantin Constantius, that tells the story of a Young Man who wants to end his engagement with a girl he still loves.

ANSWER: **Repetition**: *An Essay in Experimental Psychology* [or **Gjentagelsen**. *Et Forsøg i den eksperimenterende Psychologi*]

237-14-67-03112

13. In a play by this author, a woman hides a handgun in her dress and twelve photos of the protagonist as a boy are found in his suitcase. A character in one of his plays speaks about the omnipresence of Goodness as the walls pull back to reveal spinning planets. In another play, this author wrote about a meeting between the Prince and the leader of the "Pentagon" that is interrupted when a woman throws a bomb at the window. A play by this author features a ritual in which a boulder is rolled away from the mouth of a cave, supposedly allowing the dead to roam free for a day. The communist Hugo Barine murders Hoederer in a play by this author who wrote about Orestes and Electra defying Zeus in another work. For 10 points, name this French playwright of *Dirty Hands* and *The Flies*.

ANSWER: Jean-Paul **Sartre** [or Jean-Paul Charles Aymard **Sartre**]

252-14-67-03113

14. The orchestra notably holds a C major triad as one character in this opera gives his wages to another. One character introduces an important rhythmic motif by repeating "Ja wohl, Herr Hauptmann," and that character traces out a motif consisting of a minor chord with an added major seventh when singing "Wir arme leut!" Act II, Scene 2 of this opera contains a triple fugue, one subject of which is drawn from the passacaglia in Act I, Scene 4. A blood-red moon rises during an invention on the note B in scene two of this opera's third act. That scene precedes an invention on a single rhythm during which the protagonist dances with Margret in a tavern until she notices the blood on his clothes. Earlier, while reading the Bible, Marie asks for forgiveness for being seduced by the drum major. For 10 points, name this Alban Berg opera based on a Georg Büchner play about an alienated soldier.

ANSWER: **Wozzeck**

237-14-67-03114

15. In a David Markey short film, Joe Cole has a picture of this musician taped to his face as he joins Kim Gordon and Thurston Moore to see *True Believers*. In response to a rant on this musician's album *Live: Take No Prisoners*, Robert Christgau thanked him for pronouncing his name right. Early in his career, this musician led a band called The Primitives, one of whose songs gave its name to the ostrich guitar tuning. This man sang about Pedro, who wants to "fly away from this dirty boulevard," in a song from his album *New York*. In another song, he sings "I thought I was someone else / Someone good" before singing of the title time, "I'm glad I spent it with you." That song, "Perfect Day," appears on his album *Transformer*. For 10 points, name this songwriter who wrote "Walk on the Wild Side" after fronting The Velvet Underground.

ANSWER: Lewis Allan "Lou" **Reed**

237-14-67-03115

16. One variant of this reaction uses trifluoroacetic anhydride as an activating agent, allowing for this reaction to take place at a higher temperature. This reaction takes place at minus sixty degrees celsius in order to avoid side products due to the Pummerer rearrangement. Another variant of this reaction uses N-chlorosuccinimide followed by workup with trimethylamine. This reaction proceeds through generation of an alkoxy-sulphonium ion, which then fragments to give an aldehyde and a foul-smelling side product. For 10 points, name this variant of the Corey-Kim reaction that transforms alcohols to aldehydes through the use of DMSO and oxalyl chloride, an oxidation named for an American chemist.

ANSWER: **Swern** oxidation [or **Swern** reaction]

245-14-67-03116

17. In PET studies testing blood flow to the human brain, Worsley et. al used this value as an estimator for the number of activated regions. This quantity can be determined in the situation where one surface is covering another by using a ramification index. Another theorem for determining this quantity can be proven by showing that the degree of a vector field equals its Lefschetz number. That theorem sets it equal to the sum of the indices over the zeroes of a vector space. Those are the Riemann-Hurwitz formula and the Poincare-Hopf index theorem. This quantity is equal to two minus twice the genus and it equals minus two for a double torus. For 10 points, name this quantity from topology which, for a polyhedron, equals vertices plus faces minus edges.

ANSWER: **Euler characteristic**

245-14-67-03117

18. A teenage girl who idolizes Ralph Nader, Leigh-Cheri, appears in a book by this author which is often presented with a parody of a Camel cigarette package on the cover. This author created Plucky Purcell, a drug dealing ex-football star who uncovers a Vatican hit squad, in a book whose focus is the Ziller family's operation of Captain Kendrick's Memorial Hot Dog Wildlife Preserve. This author of *Still Life with Woodpecker* and *Another Roadside Attraction* created the promiscuous Bonanza Kellybean and a mystic named The Chink in a novel about the large-thumbed professional hitchhiker Sissy Hankshaw. For 10 points, name this novelist of *Even Cowgirls Get the Blues*.

ANSWER: Tom **Robbins**

019-14-67-03118

19. Prior to one festival in this city, two priestesses carried baskets of unknown contents to a shrine and exchanged them for second set of mysterious baskets. This city held a male beauty contest called the *euandria*. This city's two ugliest men were whipped and stoned to death in its Thargelia festival. Four children would spend nine months creating a gigantic tunic in this city, which would then be hung from the mast of a wheeled ship and placed on a wooden statue. During that procession, this city's foreign residents, or metics, carried cakes and honey. At one of this city's festivals, amphorae of olive oil were given to the winners of chariot and boat races held between its ten tribes. For 10 points, name this city whose namesake festival is portrayed on its Parthenon frieze.

ANSWER: **Athens**

252-14-67-03119

20. One non-Russian scientist with this last name proposed a theory of biogenesis in which ultraviolet light synthesized the first organic compounds, which coalesced into that scientist's namesake "soup". That theory proposed that the primitive atmosphere contained very little oxygen and was arrived at independently of Alexander Oparin. That same scientist names a rule explaining that the absence of F1 offspring of two different animal races indicates heterozygosity, explaining hybrid sterility. A different scientist with this last name discovered that decreasing oxygen levels increase the blood's capacity to carry carbon dioxide, an analog of the Bohr effect. For 10 points, give this last name of a scientist who developed a steady-state approximation of enzyme kinetics with G.E. Briggs.

ANSWER: **Haldane** [accept either JBS **Haldane** or John Scott **Haldane** at any time]

245-14-67-03120

21. This phrase originated with an action perpetrated on Monroe County School Commissioner Allen P. Huggins. A group that took its name from this phrase was a violent supporter of Wade Hampton's gubernatorial bid. That group's name mocked Indiana senator Oliver P. Morton who performed this action while denouncing one group as a "common receptacle" and saying that every man who "shoots down negroes" was a Democrat. This phrase was ostensibly derived from a Benjamin Butler speech in which he supposedly performed this action, but actually just denounced the KKK. For ten points, name this phrase that referred to Republican politicians' willingness to invoke the large death toll in battles like Gettysburg to gain votes over the Democrats during the Reconstruction era.

ANSWER: **Waving the Bloody Shirt** [accept **Waving the Bloody Towel**]

250-14-67-03121



1. This general lost the Battle of Lesnaya while attempting to bring tons of supplies to aid his superior. For 10 points each:

[10] Name this general who led the infantry at the Battle of Poltava, a key Swedish commander during the Great Northern War.

ANSWER: Adam Ludwig **Lewanhaput**

[10] Lewanhaupt served under this King of Sweden during the Great Northern War. This dude ran away to the Ottoman Empire after being destroyed by Peter the Great at Poltava.

ANSWER: **Charles XII** [prompt on "Charles"; accept **Karl XII**; prompt on "Karl" also, I guess]

[10] Following the Battle of Poltava, Lewanhaupt and Charles abandoned everything leading to this time period of Norwegian history in which the Russians decimated the population of Norway.

ANSWER: The **Greater Wrath** [accept: **isoviha** from Will Alston; accept The **Great Discord**]

250-14-67-03201

2. This dude ruled Magadha and he succeeded his father Mahapadma. For 10 points each:

[10] Name this man whose dynasty was overthrown by Chandragupta Maurya

ANSWER: **Dhana Nanda** [prompt on Nanda]

[10] When wrecking Dhana Nanda's shit, Chandragupta also took this capital of his. Chandra turned this city into the capital of the Mauryan Empire.

ANSWER: **Patiliputra** [or **Patna**, although that's not really right]

[10] Since it was the Mauryan capital, that means that Patiliputra also served as the seat of government for this guy who conquered Kalinga and issued some rock edicts.

ANSWER: **Ashoka** Maurya [or **Ashoka** the Great]

250-14-67-03202

3. This poem admits "a new mistress now I chase" and promises that the speaker will "with a stronger faith embrace" that allegorical new lover. For 10 points each:

[10] Name this poem which concludes by explaining "I could not love thee, dear, so much,/Loved I not honor more."

ANSWER: "**To Lucasta, Going to the Wars**"

[10] "To Lucasta, Going to the Wars" is a poem by this author of "To Althea From Prison."

ANSWER: Richard **Lovelace**

[10] This other poem in the same series promises "Lucasta, frown and let me die, but smile and see I live." It claims that Lucasta's face is so variable that "I have seen an angel here, the devil there."

ANSWER: "**To Lucasta: Her Reserved Looks**"

019-14-67-03203

4. This man's most famous work is divided into two major sections called "Pars Speculativa" and "Pars Activa," the latter of which describes the mathematical relationships behind musical intervals. For 10 points each:

[10] Identify this Austrian baroque composer and music theorist who wrote the book *Gradus ad Parnassum*, as well as operas like the Colossal Baroque work *Costanza e Fortezza*.

ANSWER: Johann Joseph **Fux**

[10] Fux coined this term for strict contrapuntal exercises of five increasing degrees of complexity. The first one sets one note against each note in the cantus firmus, while higher ones allowed shorter notes and suspensions.

ANSWER: **species** [accept **species** counterpoint]

[10] *Gradus ad Parnassum* codified the contrapuntal style of this Italian composer of the free-composed *Missa Papae Marcellis*, which supposedly convinced the Council of Trent not to ban polyphonic music.

ANSWER: Giovanni Perluigi de **Palestrina**

237-14-67-03204

5. In his *Danger Music for Dick Higgins*, this artist instructed the performer to crawl into the womb of a living whale, and in another of his works, a seated Buddha statue faces its own image on closed-circuit television. For 10 points each:

[10] Name this Korean-American father of video art who had Charlotte Moorman play a cello made out of televisions.

ANSWER: Nam June **Paik**

[10] Paik belonged to this avant-garde movement, whose manifesto was written by George Maciunas. Its affiliates included Joseph Beuys, who locked himself in a room with a coyote for three days in "I Like America and America Likes Me."

ANSWER: **Fluxus**

[10] Paik once leapt off a stage to snip the necktie of this American composer, who inspired many Fluxus artists through his use of indeterminacy in works such as the *Sonatas and Interludes for Prepared Piano* and *Imaginary Landscape* series.

ANSWER: John Milton **Cage, Jr.**

237-14-67-03205

6. The acromion and coracoid processes extend over this joint, which is affected by conditions like adhesive capsulitis. For 10 points each:

[10] Name this joint of the body. The largest bone in this region articulates with the glenoid fossa.

ANSWER: **shoulder** joint [or **glenohumeral** joint]

[10] This shoulder problem can be detected using the Hawkins-Kennedy manoeuvre. Its main symptom is inability to elevate the acromion process, and it occurs due to the narrowing of the subacromial space.

ANSWER: shoulder **impingement**

[10] This group of muscles is often torn in quarterbacks and baseball pitchers who are required to complete a throwing motion. They include the supraspinatus, infraspinatus, subscapularis and teres minor.

ANSWER: **rotator cuff**

245-14-67-03206

7. This philosopher proposed that the entrance of the drunken Alcibiades in the *Symposium* is a refutation of Diotima's *scala amoris* in her book *The Fragility of Goodness*. For 10 points each:

[10] Name this philosopher whose *Sex and Social Justice* called for a non-relativist approach to sexual ethics and proposed seven criteria for objectification of women.

ANSWER: Martha Craven **Nussbaum**

[10] In *Women and Human Development*, Nussbaum described ten of these central qualities which relate human freedom to achieve well-being to what people can do or be.

ANSWER: **capabilities** [or **capability**]

[10] The capability approach was first developed by this Indian economist and philosopher, whose *Poverty and Famines* argues that to understand famine, we must consider entitlements as well as food supply.

ANSWER: Amartya Kumar **Sen**

237-14-67-03207

8. The tables are turned in this story when Ebenezer Dorset demands 250 dollars. For 10 points each:

[10] Name this short story in which Sam and Bill's attempt to extort money from a concerned father in Summit, Alabama goes awry.

ANSWER: "The **Ransom of Red Chief**"

[10] This author of the collections *Sixes and Sevens* and *The Four Million* wrote "The Ransom of Red Chief."

ANSWER: O. **Henry** [William Sidney **Porter**]

[10] While living in Austin, Texas, O. Henry coined the insane nickname for this person, real identity still unknown, who was America's first celebrity serial killer.

ANSWER: the **Servant Girl Annihilator**

019-14-67-03208

9. Frederick William III refused to pay for the marble version of this artist's *Crown Princess Louise and Princess Frederica of Prussia* which was commissioned by Frederick William's father. For 10 points each:

[10] Identify this German sculptor best known for his massive statue of four horses pulling a charioteer titled the *Quadriga* which sits atop the Brandenburg Gate.

ANSWER: Johann Gottfried **Schadow**

[10] Schadow was one of the leading German sculptors in this catch-all style, whose other proponents include the Danish sculptor Bertel Thorvaldsen. This style of Jacques-Louis David was championed by Johann Joachim Wincklemann who wrote *History of Ancient Art*.

ANSWER: **Neoclassicism**

[10] Schadow's son Rudolf found great success with *Woman Tying her Sandal* which quoted this classical sculpture. The title figure of this sculpture is seated and interrogates the object in his right foot.

ANSWER: *The **Thorn Puller*** [or ***Boy with Thorn*** or ***Fedele*** or ***Fedelino*** or ***Spinario*** or *The **Faithful Boy***]

094-14-67-03209

10. For a plane wave, this quantity equals two pi radians divided by the wavelength. For 10 points each:

[10] Name this quantity, the spatial frequency of a wave.

ANSWER: **wavenumber** [accept "**k**"; prompt on "beta"]

[10] These equations can be used to model frequency as a function of wavenumber. One example is named for Kramers and Kronig.

ANSWER: **dispersion relations**

[10] This other quantity is equal to the differential of angular frequency with respect to wavenumber. For a linear dispersion relation, it equals the phase velocity.

ANSWER: **group velocity**

245-14-67-03210

11. They are synthesized from diazonium salts in the Sandmeyer reaction. For 10 points each:
[10] Name this type of compound consisting of a Group 17 element bonded to an aromatic ring. One example is dichlorobenzene.

ANSWER: **aryl halide** [prompt on partial answers; do not accept “alkyl halide”]

[10] This reaction can be used to couple an aryl halide with a terminal alkyne via a palladium catalyst to generate new carbon-carbon bonds. It is named for a Japanese chemist.

ANSWER: **Sonogashira** coupling [or **Sonogashira** reaction]

[10] This closely-related reaction reacts an aryl halide with a copper acetylide to yield an alkyne. One variation of this reaction using DMF as the solvent can be used to produce ortho-substituted heterocycles.

ANSWER: **Castro-Stephens** coupling [or **Castro-Stephens** reaction]

245-14-67-03211

12. While living with a miserly priest, this novel's protagonist steals bread from his chest and tricks him into thinking that a mouse is doing it. For 10 points each:

[10] Identify this novel about a boy who serves a bunch of horrible masters like a squire and a chaplain.

ANSWER: *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] While Lazarillo de Tormes was one of the first picaresque novels, Wikipedia claims that this novel is one of the last. The title character of this Alain-Rene Lesage novel kills all his patients while working for the bleeding-enthusiast Dr. Sangrado.

ANSWER: **Gil Blas** [or *L'Histoire de **Gil Blas** de Santillane*]

[10] Lazarillo tricks one of his masters, a beggar with this condition, into jumping into a pillar. This condition also titles a Saramago novel in which everyone gets it except for the doctor's wife.

ANSWER: **blindness**

252-14-67-03212

13. Edwin Lemert argued for this theory in distinguishing between primary and secondary deviance, the latter of which results from censure. For 10 points each:

[10] Name this sociological theory according to which deviant behavior results in part from societal classification of certain acts and people as deviant. Howard Becker argues for this theory in *Outsiders*.

ANSWER: **labeling** theory [or **social reaction** theory]

[10] Labeling theory was also supported in this book by the author of *Asylums*. It proposes a classification of people as either normals, wise, or those who bear the title phenomena, who may be ostracized or dehumanized.

ANSWER: **Stigma**: *Notes on the Management of Spoiled Identity*

[10] *Stigma* and *Asylums* were written by this sociologist, a proponent of symbolic interactionism who applied dramaturgical concepts to sociology in *The Presentation of Self in Everyday Life*.

ANSWER: Erving **Goffman**

237-14-67-03213

14. This character is mocked by Celia as having "laid on with a trowel" his attempts at wit, though he himself says "the little foolery that wise men have makes a great show." For 10 points each:

[10] Name this fool to Duke Frederick who passes his time making fun of the shepherd Corin in the Forest of Arden.

ANSWER: **Touchstone**

[10] Touchstone, Frederick, Celia, and Rosalind, who disguises herself as Ganymede, appear in this 1599 Shakespeare comedy.

ANSWER: **As You Like It**

[10] Another Jacobean Touchstone is a goldsmith who attempts to instruct Francis Quicksilver and control his rebellious daughter Gertrude in this 1605 collaboration of Chapman, Jonson, and Marston.

ANSWER: **Eastward Ho!**

019-14-67-03214

15. Dan learned a lot about a specific Jewish holiday starring the great Israeli actor Shuli Rand. Name some stuff about what he learned. For 10 points each:

[10] In the film, Moshe Bellanga searches for a perfect type of this fruit from a citron tree. It makes up the Four Species with the lulav, hadass and aravah.

ANSWER: **Etrog**

[10] The Four Species are used to bless the booths during this holiday, which is coincidentally also known as the Festival of Booths. It is celebrated on the fifteenth day of Tishrei.

ANSWER: **Sukkot** [accept **Sukkoth**; accept **Sukkos**; accept Feast of **Tabernacles**]

[10] This film was named after this prayer that welcomes guests like Abraham and Moses to the booth.

ANSWER: **Ushpizin**

250-14-67-03215

16.

This day follows Shrove Tuesday and people receive the title substance on their foreheads. For 10 points each:

[10] Name this day that marks the beginning of Lent for Catholics.

ANSWER: **Ash Wednesday**

[10] Although Ash Wednesday is a day of fasting, but there are many days of feasting in the Catholic Church including one in March named for this aspect of the Virgin Mary who appeared to small children in Portugal.

ANSWER: Our Lady of **Fatima**

[10] Ash Wednesday is a movable feast on the Church's calendar, much like this day after Pentecost. It is also known as the Feast of the Holy Spirit.

ANSWER: **Whit Monday**

250-14-67-03216

17. In 2002, NYU became the first private university to recognize a labor union representing these type of people. For 10 points each:

[10] Identify these people, who often receive a stipend in exchange for conducting research or teaching classes.

ANSWER: **graduate students** [or **graduate assistants** or **teaching assistants** of **TAs** or **postgraduate** students or **PhD** candidates; prompt on just "students" or "college students"]

[10] Under President John Sexton, NYU has opened a satellite campus in this Middle Eastern city. This home of the massive Sheikh Zayed Mosque is where Etihad Airways, and the state-of-the-art Khalifa Port opened here in 2012.

ANSWER: **Abu Dhabi**

[10] Sexton tapped Al Bloom, a former president of this university, to head NYU Abu Dhabi. Solomon Asch did his first conformity experiments at this liberal arts college.

ANSWER: **Swarthmore** College

094-14-67-03217

18. This band used a sinister Farfisa organ on their ode to a blow-up doll, "In Every Dream Home a Heartache," which appears on their album *For Your Pleasure*. For 10 points each:

[10] Name this campy English art-rock band led by Bryan Ferry whose songs include "Do the Strand," "More Than This," and "Love Is the Drug."

ANSWER: **Roxy Music**

[10] Roxy Music's first two albums featured electronic "treatments" by this musician, whose solo albums include *Another Green World* and *Ambient 1: Music for Airports*. He also created the *Oblique Strategies* cards, and with Daniel Lanois co-produced many U2 albums.

ANSWER: Brian Peter George St. John le Baptiste de la Salle **Eno**

[10] Andy Mackay from Roxy Music plays saxophone and this wind instrument, which is prominently featured on songs such as "Virginia Plain." Lindsay Cooper of Henry Cow played this instrument on songs like "Half Asleep, Half Awake."

ANSWER: **oboe**

237-14-67-03218

19. A committee that opposed this movement adopted Jingo the Dinosaur as a mascot. For 10 points each:

[10] Name this movement that centered on the "Plattsburgh idea" of providing military training camps for civilians. Charles Mooney was accused of bombing a parade celebrating this movement's day in San Francisco.

ANSWER: **Preparedness** Movement [or **Preparedness** Day; or the **Preparedness** Controversy]

[10] The Preparedness movement was a response to this war. The US eventually entered this war thanks in part to the Zimmerman Note and the sinking of the Lusitania.

ANSWER: **World War I** [or the **Great War**]

[10] This general was a leading figure of the movement. He had earlier allowed the Moro Crater Massacre and organized the Rough Riders along with Teddy Roosevelt.

ANSWER: Leonard **Wood**

252-14-67-03219

20. G.W. Gordon was hanged in the aftermath of this event and Thomas Carlyle donated money to one man who was prosecuted for his brutal handling of this rebellion. For 10 points each:

[10] Name this colonial revolt that was brutally put down by Edward Eyre, and which eventually caused the country this revolt took place in to become a Crown Colony.

ANSWER: **Morant Bay** Revolt or Rebellion

[10] The Morant Bay Revolt took place in this colony. This colony was the site of many Maroon uprisings and pirates called the Brethren of the Coast were located in this colony's city of Port Royal.

ANSWER: **Jamaica**

[10] Henry Morgan, the leader of the Brethren of the Coast, raided this Panamanian city in 1668. This city, now a UNESCO world heritage site, was a trade hub for silver in the 16th and 17th centuries.

ANSWER: **Portobello**

250-14-67-03220

21. It states that for some function f of x on a closed interval $[a,b]$, there exist numbers i and j such that f of i is greater than or equal to f of x for all x in a and b and f of j is less than or equal to f of x for all x in a and b . For 10 points each:

[10] Name this theorem which guarantees the existence of critical points within an interval.

ANSWER: **extreme value theorem**

[10] For the extreme value theorem to be valid, a function must have this property. This property holds if the limit of f of x as x approaches some number c equals f of c .

ANSWER: **continuity** [accept word forms]

[10] This type of condition for continuity is satisfied when the absolute value of f of x minus f of y is less than or equal to some constant times the absolute value of x and y to the power of a different constant so long as both constants are non-negative. When that second constant is one, this condition equals Lipschitz continuity.

ANSWER: **Holder** condition [or **Holder** continuity]

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