

LIMIT 2015: A Limit to Learning is a Dangerous Thing

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Packet 13

Tossups

1) PML bodies and GEMs are found in this organelle. The “zig-zag” and “solenoid” models describe 30-nm fibers formed when this organelle releases a specific material. That material has facultative and constitutive types. Transport receptors like importins and exportins help proteins move through this organelle, whose membrane is covered by a (*) mesh known as its namesake lamina. A structure within this organelle is responsible for protein synthesis, and is the nucleolus. This organelle is also the site of transcription in eukaryotic cells. For 10 points, name this cellular “control center”.

ANSWER: nucleus <AB>

2) Antônio Vieira claimed that this country’s colonizers killed two million people in 40 years. The *degradados* were some of the first Europeans to settle this country, which was divided into fifteen parallel strips governed by vassals in the captaincy system. The Diamond District was founded in what is now this country, and the Dutch earlier controlled parts of it around (*) Pernambuco and Bahia. Slave-hunters in what is now this country were called bandeirantes, and Antarctic France was founded near its city of Rio de Janeiro. For 10 points, name this largest South American country, “discovered” for Portugal by Pedro Cabral.

ANSWER: Federative Republic of Brazil or Brasil

3) In a novel by this author, the protagonist, an employee of the Central Registry of Births, Marriages, and Deaths, tries desperately to find the record card of a woman. This author of *All the Names* wrote another novel in which the title character’s father is executed after he is mistakenly thought to be a Zealot. In another of his works, the (*) Iberian peninsula breaks off and forms an island, while in his most famous novel, the Doctor’s Wife is the only person not afflicted by the title condition. For 10 points, name this Portuguese author of *The Gospel According to Jesus Christ*, *The Stone Raft*, and *Blindness*.

ANSWER: Jose (de Sousa) Saramago <CC>

4) One people living in these mountains have yearlong trial marriages called Watanaki before Catholic weddings. The puna basin along this mountain range contains most Aymara people. Most páramos are in this mountain range’s cloud forests. The Urubamba Valley in these mountains is also called the “sacred valley of the (*) Inca”. Most Colombians live in the northern part of this mountain range, which has Lake Titicaca in its altiplano in Bolivia. For 10 points, name this cordillera spanning South America.

ANSWER: the Andes mountains

5) The Brannan Plan and RFD helped workers in this industry, which employed braceros. “Anaconda mortgages” plagued its workers, who then formed its namesake Wheel. Its workers revolted against the “Good Patroon” in the Anti-Rent War. The dryland type of this industry was “climate-free”, and the Tuskegee Movable School helped it. A New Deal (*) “Adjustment Act” reformed this industry, as did the country life movement. The enclosure movement and barbed wire

prompted range wars in this industry. Joseph McCormick made a reaper for this industry, and it used to be “slash-and-burn”. For 10 points, name this agrarian industry.

ANSWER: agriculture or farming or even ranching

6) One song in this musical repeats the words “Eleka nahmen nahmen” while the main character rages over her inability to do good. At the end of this musical’s first act, the main character sings a song about how she is through with (*) “accepting limits” and no one “Is ever going to bring [her] down”. Earlier in this musical, Doctor Dillamond loses the ability to speak English while he sings a song about “Something Bad”. For 10 points, name this musical that featured songs such as “No Good Deed Goes Unpunished” and “Defying Gravity” in which Elphaba was originally cast as Idina Menzel.

ANSWER: Wicked <KD>

7) The narrator of one of this man’s poems hears “the patter of little feet,” and describes “grave Alice, and laughing Allegra / And Edith with golden hair.” A woman asks, “Why don’t you speak for yourself, John?” in a poem by this man about the early days of the Plymouth colony. This poet of “The Children’s Hour” wrote about Priscilla Mullins in (*) “The Courtship of Miles Standish.” Another of his poems centers on the title lover of Minnehaha [min-nay-HA-ha], and is set “by the shores of Gitche Gumme,” [Git-CHEE goo-MEE]. For 10 points, name this American poet of “The Song of Hiawatha.”

ANSWER: Henry Wadsworth Longfellow <CC>

8) Reperfusion injury is likely caused by one type of these compounds, and AIBN is an “initiator” of this type. Halogenation reactions proceed in this kind of mechanism. Homolytic bond cleavage via a catalyst denoted $h\nu$ [“h new”] creates these compounds during photolysis. At low altitudes, oxygen-star reacts with water to form the hydroxyl version of these compounds. (*) Molecular oxygen is a stable one of these compounds, while singlet oxygen and peroxides are less stable. Ionizing radiation creates the “free” types of these molecules. For 10 points, name these highly reactive but neutral molecules with one or more unpaired electrons.

ANSWER: radicals or free radicals, prompt on “reactive species” or “reactive oxygen species” or “ROS”

9) Dogon worshippers dance with painted masks at these events. In one religion, these events continue monthly for a year and annually for the next thirty years. Buddhism in Japan has a monopoly on these events. In China, these events begin with affected people being cleaned using damp towels dusted with talcum powder, and last for (*) 49 days. These events in Zoroastrianism involve a high tower and vultures, with the affected bones bleached by the sun. For 10 points, name these events that can include cremation, occurring after someone has died.

ANSWER: funerals; ~~do not accept deaths~~

10) In the debut novel by this author, the American government worker Eugene Dawn goes insane and stabs his son Martin, while another of his works features this author’s title alter ego, a female Australian writer of the novel *The House on Eccles Street*. This author of *Dusklands* and *Elizabeth Costello* wrote a novel in which a crippled girl is rescued by the Magistrate after being tortured by the Third Bureau of (*) Colonel Joll. In another novel, this author described a character who loses his position as a professor after his affair with Melanie Isaacs. For 10 points, name this South African author of *Waiting for the Barbarians* and *Disgrace*.

ANSWER: (John Maxwell) J.M. Coetzee <CC>

11) One bill in this state would allow undocumented immigrants to buy health insurance via Obamacare, which drew comparisons to a camel in a tent. Its voters defeated a 2012 ballot measure

that label all genetically modified foods. This state's Senator Richard Pan authored a vaccination bill to stop a (*) measles outbreak that started in Disneyland. Residents in this state said that "we're not all equal when it comes to water" during the worst drought in this state's history. For 10 points, name this state where an illegal immigrant shot Katherine Steinle in San Francisco.

ANSWER: California <AS>

12) In the Izumo cycle, a rabbit crosses a bridge of these animals but loses its skin. Ammut had the head of this animal. Both Saint Pachome and Menes were carried by these animals to safety. A god of this animal invented a fish trap that recovered the severed (*) hands of Horus, and, in the *Book of the Dead*, that god helped Isis give birth to Horus. The Greeks depicted a god of this animal called Sobek with a crown of solar rays. For 10 points, name this reptile that lives in the Nile.

ANSWER: crocodile or alligator <KD>

13) Worldlines, but not normal trajectories, have this variable. In the Lorentz transform, x over c -squared is subtracted from this. Events have a constant position and this quantity, which has a "proper" form. The twin paradox sees changes in this quantity. Along with gravitational redshift, visitors nearing black holes would experience this quantity's (*) dilation. This quantity is said to travel or evolve in one direction, or its namesake arrow. This quantity is grouped with space in namesake coordinates. Einstein showed that this quantity's constancy, called simultaneity, is relative to reference frames. For 10 points, name this quantity measured in seconds.

ANSWER: time

14) This man executed his mistress Mary Hamilton and used her head to teach an anatomy lesson to onlookers. Serfs were forced to carry passports during this man's reign. This leader replaced the Duma with a senate of nine men. After the death of his father, the Naryshkin family backed his bid to the throne, although his sister (*) became regent, and was named Sofia. He overcame Ivan Mazeppa's desertion to defeat Christian XII at Poltava and used his experiences in a Dutch shipyard to improve his nation's navy. For 10 points, name this Tsar who won the Great Northern War and built a new capital on the Baltic Sea.

ANSWER: Peter the Great or Peter I or Peter Alexeievich; prompt on "Peter" <DM>

15) With Thomas Masaryk, this artist was one of the drafters of the Czechoslovak declaration of independence. Mary Magdalene brushes her cloak from her face as she emerges from an alcove in this man's sculpture *Rabboni*. This man's sculpture *The Aviator* is outside the University of Virginia's Clemons Library. This artist began work on the (*) Confederate monument at Stone Mountain before abandoning it to work on another in the Black Hills of South Dakota, which was completed by his son Lincoln with the dedication of Theodore Roosevelt. For 10 points, name this sculptor who carried out the carving of Mount Rushmore.

ANSWER: Gutzon Borglum <JG>

16) This author wrote a play in which the title character woos Zenocrate [zee-KNOCK-ruh-tee] and kills Mycetes [my-SEE-tees] to control the Persian Empire. Another of his characters asks if "this was the face that launched a thousand ships," after summoning Helen of Troy and giving her a kiss. In a poem by this author of (*) *Tamburlaine the Great*, he implores a woman to "come live with me and be my love." In a play by this man, the title character poisons his daughter for becoming a Christian, before dying by being thrown into a boiling cauldron. For 10 points, name this author of *Doctor Faustus*, "A Passionate Shepherd to His Love," and *The Jew of Malta*.

ANSWER: Christopher Marlowe <CC>

17) Bernoulli random variables have parameters of 1 and this value. A function named for this quantity is the derivative of the cumulative distribution function. Expectations are integrals of random variables multiplied by this function. This function of the sample space is 1, and, t-tables show it for given (*) df and t values. Bayes' theorem finds the conditional type of this quantity. Tables named for this quantity describe two dependent events. A value usually less than 5 percent determines this quantity for whether or not results are significant. For 10 points, name this quantity between 0 and 1 that gives the chance of an event happening.

ANSWER: probability; prompt on "chance"

18) A man whose head is replaced with that of a stag's is torn apart by his own hunting dogs while Diana looks on in this artist's *The Death of Actaeon*. In another painting, he depicted a flagellation scene on the side of a sarcophagus bounded by two women, one clothed and the other nude. Black and gold (*) tapestries hang beside a girl rummaging through a chest in the background of another painting by this man, in which a dog rests at the feet of a reclining woman holding a small bouquet of flowers. For 10 points, name this artist who depicted a nude lying on a bed in *Venus of Urbino*.

ANSWER: Titian or Tiziano Vecellio, accept *The Death of Actaeon* before the word "artist" is read <DS>

19) The concubine Hürrem helped one leader of this kingdom ally with Suleiman the Magnificent. About 10% of its population were nobles, including the "barefoot aristocracy". One song describes cavalry of this country as 'Painted Boys', or uhlans. The "five eternal principles" guided its legislative council, called the (*) Sejm. The epic *Lord Thaddeus*, named for Tadeusz Kosciuszko, described this nation's past. Before it was repeatedly partitioned, this nation's 1791 constitution abolished the liberum veto of its *szlachta* nobility. For 10 points, name this nation once personally united with Lithuania, with a capital at Warsaw.

ANSWER: Poland-Lithuania; accept Poland and word forms; prompt on "Lithuania"

20) Ralph Vaughan Williams' symphony of this number depicts the fields of World War I but is peacefully named *A Pastoral Symphony*. The theme of Mozart's violin concerto of this number opens with two Gs, three repetitions of the sixteenth notes of F-Sharp and G, and then two Ds. The last movement of Beethoven's symphony of this number is a set of variations on a theme which he had previously used in the finale of his *Creatures of Prometheus*. That symphony received its title after (*) Napoleon crowned himself emperor, and is the *Eroica*. For 10 points, give the number of musicians that perform in a trio.

ANSWER: three <DS>

Bonuses

1) The overture to this opera opens with a couple half-quarter-quarter double stops before an ascending and descending eighth note scale in the violins, all played at a very fast tempo. For 10 points each:

[10] Identify this opera about a knight who has to repeatedly save his lover, the daughter of the Great Prince of Kiev.

ANSWER: Ruslan and Lyudmila, or Ruslan i Lyudmila

[10] This composer of *Ruslan and Lyudmila* also wrote *A Life for the Tsar*, an opera about the hero Ivan Susanin.

ANSWER: Mikhail Ivanovich Glinka

[10] Mikhail Glinka's work inspired that of The Five, a group of composers from this country that sought to create music authentic to this country, that included Modest Mussorgsky and Nikolai Rimsky-Korsakov.

ANSWER: Russia <HW>

2) Exchange coupling produces aligned dipoles in one type of material named after a polycrystalline solid with this property, which can be studied with Rowland rings. For 10 points each:

[10] Name this property of a material, which comes in "ferro", "para", and "dia" forms. Lodestone has this property.

ANSWER: magnetism; accept word forms

[10] In this state, particles have a spin of zero and a zero net magnetic moment, with a likely even number of electrons. Excited versions of these states can return to ground during fluorescence.

ANSWER: singlet state

[10] The walls of these ferromagnetic substructures are also called grain boundaries, and magnetization unifies them and aligns them in the direction of the applied magnetic field, creating a net magnetic moment.

ANSWER: domains

3) For 10 points, answer some questions about these great monsters:

[10] This son of Tartarus has 100 snake heads and fought Zeus for control of all beings, but was trapped under Mount Etna, which explains the mountain's volcanic properties.

ANSWER: Typhon

[10] This monster was originally a beautiful Naiad, but was turned into this monster. Odysseus choose to fight this monster instead of facing Charybdis, even though Circe warned he would lose six men in the process.

ANSWER: Scylla

[10] This cousin of the Sphinx also asked riddles to its prey. This monster has a red lion's body, a human head with three rows of shark teeth, and a spiny tail, which fired projectiles.

ANSWER: Manticore <KD>

4) The Narmer Palette shows a king of this country, and the term Hyksos, or foreign rulers, was coined in one of its dynasties. For 10 points each:

[10] Name this country whose king Akhenaten worshipped Aten, but not Ra during its Amarna period.

ANSWER: Egypt

[10] This Christian kingdom in Ethiopia conquered Egypt temporarily and built huge, often trilingual stelae. It was alleged founded by the Queen of Sheba, and exported ivory to Sudan.

ANSWER: Axum or Aksum

[10] These peoples succeeded the Kassites in Anatolia and ruled northern Mesopotamia until the Assyrians absorbed them. They intermittently fought the Egyptians and the Hittites.

ANSWER: Mitanni

5) Name some authors who wrote about bridges. For 10 points each:

[10] This author, whose disappearance in Mexico was fictionalized in Carlos Fuentes's *The Old Gringo*, wrote about the hanging of Peyton Farquhar in "An Occurrence at Owl Creek Bridge."

ANSWER: Ambrose (Gwinnett) Bierce

[10] This Modernist poet of "At Melville's Tomb" included the sections "Powhatan's Daughter" and "Cutty Sark" in his long poem *The Bridge*.

ANSWER: (Harold) Hart Crane

[10] This Japanese author of *The Bridge of Dreams* wrote a novel depicting the crumbling marriage of Kaname and Misako, *Some Prefer Nettles*.

ANSWER: Junichiro Tanizaki; accept either or both names in either order <CC>

6) This structure includes the Golden Water River and the Meridian Gate, as well as the Palace of Supreme or Eternal Harmony. For 10 points each:

[10] Name this Beijing 'city', the primary Ming and Qing imperial palace.

ANSWER: Forbidden City

[10] The Forbidden City was built by this Ming Emperor who moved the capital from Nanjing to Beijing. He also commissioned Zheng He to voyage to the South China Sea.

ANSWER: Yongle Emperor or Zhu Di

[10] The Rain Flower Pavilion and Palace of Eternal Harmony were built for this region's form of Buddhism. Tsongkhapa founded the Yellow Hat sect of the Ming and Qing state religion from here.

ANSWER: Tibet

7) Name some things about numbers that show up in apparently unrelated contexts. For 10 points each:

[10] The integral from *negative infinity to infinity of e to the negative x squared dx* is equal to the square root of this number. One plus one-fourth plus one-ninth plus one sixteenth and so on equals this number squared divided by 6.

ANSWER: pi

[10] This number is defined as the limit of *n approaches infinity of quantity one plus one over n end quantity to the nth power*. This number, around 2.71828, raised to the *i pi* power equals negative 1.

ANSWER: e or Euler [Oiler]'s constant

[10] The first-order Fourier coefficient of the j-function, 196884, is equal to the sum of the first two irreducible dimensions of this group. It is the largest simple sporadic group.

ANSWER: monster group <HW>

8) **NOTE TO MODERATOR: DO NOT REVEAL ALTERNATE ANSWERS TO PART ONE.**

The fourth movement of this work is dedicated to Henry David Thoreau, who its composer claimed was “a great musician ... because he did not have to go to Boston to hear ‘the Symphony’”. For 10 points each:

[10] Name this piano piece named after a Massachusetts town that also contains the movements “Emerson” and “Hawthorne”.

ANSWER: Concord Sonata or Charles Ives’ Piano Sonata No.2, or Concord Mass

[10] This early American modernist composer of the Concord Sonata paid tribute to an African American regiment during the Civil War in one movement of his piece *Three Places in New England*.

ANSWER: Charles Ives or Charles Edward Ives

[10] Charles Ives’ works in this genre include the *Holiday*, as well as a piece that includes the movements “Past”, “Present”, and “Future”, the *Universe*. A Haydn work in this genre is called the *Farewell* one.

ANSWER: symphony <DS>

9) In a short story by this man, Scratchy Wilson decides not to shoot Sheriff Jack Potter. For 10 points each:

[10] Name this American author of “The Bride Comes to Yellow Sky” who used street vernacular to describe the title character being kicked out of her family by Jimmie and Mary in his *Maggie: A Girl of the Streets*.

ANSWER: Stephen Crane

[10] Stephen Crane is probably best known for this work, in which the unarmed protagonist Henry Fleming leads his regiment in a charge at its end. He meets such characters as a “tattered soldier” and Jim Conklin in this novella.

ANSWER: *The Red Badge of Courage*

[10] In Stephen Crane’s short story “The Open Boat,” this character swims toward shore ahead of the other survivors of a shipwreck, but his body is later found by them washed up on the beach.

ANSWER: Billie the oiler; accept either underlined answer <CC>

10) “Panamax” ships carrying these objects are larger than their feeder counterparts. For 10 points each:

[10] Name these rectangular corrugated steel objects, often of the ISO type, shipped by tankers and supertankers. They’re also used in a “refrigerated” form in trucking.

ANSWER: containers; accept answers with container in them, like intermodal, shipping, steel, etc.

[10] This Danish company has a “line” that is the largest container shipping company in the world. Its refrigerated containers are tracked using AT&T technology.

ANSWER: Maersk; accept MCS and any answer with Maersk in it

[10] This largest container shipping port in the world is in the Netherlands and lies at the mouth of the Rhine River. Its city center was bombed and destroyed in WWII, and it houses Erasmus University.

ANSWER: Rotterdam

11) Name some things about European authors who have recently won the Nobel Prize in Literature, for 10 points each:

[10] This Belarusian journalist and author will be the latest winner of the award. Her works combine oral history with prose to create books such as *Voices from Chernobyl* that document post-Soviet life.

ANSWER: Svetlana Alexievich

[10] Both last year's winner, Patrick Modiano, and the 2008 recipient, JMG Le Clezio, hail from this country whose previous winners include Jean-Paul Sartre and Andre Gide.

ANSWER: France

[10] In 2011, this Swedish poet was rewarded with the Nobel for collections such as *The Sorrow Gondola* and the long poem "Baltics."

ANSWER: Tomas Tranströmer <JG>

12) Namesake E1, E2, and E3 ligases attach this protein to substrates. For 10 points each:

[10] Name this protein attached to target proteins via a Lysine-48 linkage. When many of these proteins are attached to a bound substrate, the bound substrate goes to the proteasome.

ANSWER: ubiquitin

[10] When proteins are polyubiquitinated, the proteasome does this to those proteins, which interact with a single threonine residue inside the proteasome.

ANSWER: breaking down, destroying, degrading, or denaturing proteins, accept synonyms and word forms; prompt on "damaging" proteins

[10] Proteins are connected to ubiquitin by the "iso" form of this bond, an amide linkage which connects all the amino acids in every protein. They are also called amide bonds.

ANSWER: peptide bonds

13) This material was made at the Hanford Site and was cleaned up by the Tri-Party Agreement. For 10 points each:

[10] Name this element discovered by Seaborg that comprised "Fat Man" and was made by the Manhattan Project.

ANSWER: plutonium; accept any answer with plutonium in it and **do not accept uranium**

[10] The Trinity was one of these events near Los Alamos. They were used to determine how effective weapons like ones dropped on Hiroshima and Nagasaki were.

ANSWER: nuclear or atomic bomb tests; accept synonyms of "tests"

[10] These nuclear treaties included "Limited", "Comprehensive", and "Threshold" varieties, and were preceded by several letters between Khrushchev and Kennedy.

ANSWER: Test Ban treaties or TBTs

14) This philosophical movement recommends the use of the "eidetic reduction" to intuit the essential nature of a construct. For 10 points each:

[10] Name this field of philosophy that Edmund Husserl explored in his book *Logical Investigations*.

ANSWER: phenomenology

[10] Husserl's pupil was this German who associated himself with Nazism and wrote *Being and Time*.

ANSWER: Martin Heidegger

[10] In another work, Heidegger defines this construct as something that "challenges" nature for energy, using a structure on the Rhine River as an example.

ANSWER: technology; prompt on "buildings" <SC>

15) This city was built above a river bend called the English Turn and was fortified with casks of sugar and barrels before General Pakenham attacked it. For 10 points each:

[10] Name this city, which suffered the Colfax massacre in 1870 and housed James Longstreet and General Lee after the Civil War. It lies at the mouth of the Mississippi.

ANSWER: **New Orleans**

[10] Slaves born in New Orleans and Louisiana were called this type of mixed-race people, and it refers to native-born French speakers or mixed European-Africans.

ANSWER: **creoles**

[10] Creoles were often abused by “the Ring” in New Orleans, which was one of these groups comprised of cotton planters. Other examples of these groups were the Pendergast one and one controlled by Richard J. Daley.

ANSWER: **political machines**; prompt on “**machines**” and say “What kind?”

16) This concept in Judaism has two parts called yetzer hara and hatov. For 10 points each:

[10] Name this human struggle between two concepts because God created an impulsive man with a selfish nature and a conscience. Another expression of it is the battle between Ahura Mazda and Ahriman or the yin-yang balance.

ANSWER: man is both **Good** and **Evil**; both parts required

[10] This Rabbinic Hebrew text discusses the yetzer and includes the Mishnah and the Gemara.

ANSWER: **Talmud**

[10] Koheins were the descendants of this Old Testament figure, whose wife Miriam was punished because of his own selfish nature. He triggered three plagues in Egypt by holding out his staff.

ANSWER: **Aaron**

17) Grant Wood depicted this figure passing through a town with anachronistic lighting. For 10 points each:

[10] Name this man who, in one portrait, is shown holding a silver kettle while propping his right hand on his chin. His own artistic works include an engraving of the Boston Massacre.

ANSWER: Paul **Revere**

[10] That aforementioned *Portrait of Paul Revere* is a painting by this artist, who also depicted the rescue of a fourteen year-old boy from the waters of Havana harbor in *Watson and the Shark*.

ANSWER: John Singleton **Copley**

[10] In another painting, Copley depicted the death of this man, who appears in white while being held up by redcoats under a large Union Jack. This man’s black servant Pompey appears at his right, firing back at his killer.

ANSWER: Major Francis **Peirson** <DS>

18) This quantity is equal to the product of the Knudsen number and the container length. For 10 points each:

[10] Name this value, which is defined as the average collision-free distance a particle travels in kinetic theory.

ANSWER: **mean free path**

[10] These systems are described by the kinetic theory, which assumes elastic particle collisions and zero intermolecular forces. Their pressure is equal to $n R T$ over V .

ANSWER: **ideal gases**; prompt on “gas”

[10] This duo names a set of canonical ensemble-derived statistics that, in turn, may be used to derive their namesake distribution of particle velocity in ideal gases.

ANSWER: Maxwell and Boltzmann; accept in either order <HW>

19) Shakespeare wrote more than just tragedies. For 10 points each:

[10] This knight and frequent drinker at the Boar's Head Inn woos Mistress Ford and Mistress Page in Shakespeare's comedy *The Merry Wives of Windsor*. He is a companion to Prince Hal in Shakespeare's two *Henry IV* plays.

ANSWER: Sir John Falstaff; accept either or both underlined names

[10] In Shakespeare's *Henry IV, Part 1*, Prince Hal and Falstaff fight rebels from this country led by Owen Glendower. The poet of "Do not go gentle into that good night," Dylan Thomas, was from this country.

ANSWER: Wales or Cymru [CUM-bree]

[10] Prince Hal delivers this speech as King Henry V in Shakespeare's *Henry V*, describing this speech's addressees as "we happy few, we band of brothers." It is delivered before the Battle of Agincourt.

ANSWER: Henry V's St. Crispin's Day Speech <CC>

20) The 1995 Browns had it all going until midseason. For 10 points each:

[10] The 1995 Browns were coached by this man, who then went on to replace Pete Carroll as head coach of the New England Patriots in 2000.

ANSWER: (William Stephen) Bill Belichick

[10] The 1995 Browns season collapsed when it was announced that they would move to this city and become the Ravens. This city had been lacking an NFL team since the Colts had moved to Indianapolis.

ANSWER: Baltimore, Maryland

[10] The 1995 Browns coaching staff featured many future NFL coaching stars, including this man who coached the Detroit Lions until 2013 and served as Buffalo Bills defensive coordinator in 2014.

ANSWER: Jim Schwartz <AS>