

Early Fall Tournament 2018: I guess Brexit really does mean Brexit

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Tossups

1. **The United States agreed to a roadmap to resolve issues over the city of Manbij with this country. This country's conquest of the Afrin Canton is amusingly known as Operation Olive Garden. The NDAA limited the sale of F-35 planes to this country due to its decision to buy S-400 missiles from Russia. In July 2018, this country's president appointed his son-in-law as Economic Minister right before a financial crisis in which its currency rapidly depreciated almost 50 percent. The United States raised tariffs against this country due to its detention of (*) pastor Andrew Brunson. This country has opposed the role of the YPG in Syria due to its ties with the terrorist organization PKK. This country is led by an alliance of the nationalist MHP as well as the dominant AKP. For 10 points, name this country led by President Recep Tayyip Erdoğan ("AIR-doe-won").**

ANSWER: **Turkey** [or Republic of **Turkey**; or **Türkiye** Cumhuriyeti]

<JZ, Current Events>

2. **A dervish in this work kicks the main characters out of his home when they ask him about the origins of man. A character in this work doubles all of her misfortunes in a failed attempt to one-up an old woman in a conversation about who has suffered more. The main character of this novella encounters six strangers at dinner, who all turn out to be deposed monarchs such as King Charles Edward. After that dinner, this novella's title character and his valet (*) Martin journey to Constantinople and are reunited with two galley slaves that are their old acquaintances. The title character of this novella wonders "what must the others be like?" after an *auto-da-fé* in response to his tutor's claim that "this is the best of all possible worlds!" For 10 points, name this satirical novella by Voltaire.**

ANSWER: **Candide**, or *Optimism*

<RR, Long Fiction>

3. **Arthur C. Parker wrote several works on the religious folklore of these people. They're not Hobbits, but in a religious tradition of these people, a "second breakfast" is served at the end of an all-night ceremony led by a figure known as the Roadman. Objects used in that religious ceremony of these people were the center of the court case *Employment Division of Oregon v. Smith*. After a vision of three spirits appeared to him, one of these people swore off (*) alcohol and began promoting what he called "the good message," a religion usually named after structures that served as both residences and community meeting spaces. For 10 points, name these people who practice religions such as the Longhouse Religion and a form of Christianity that also includes the consumption of peyote.**

ANSWER: **Native Americans** [accept **Indians**; accept specific tribes such as the **Iroquois**, **Seneca**, or **Comanche**] (The teetotaler is Handsome Lake.)

<DM, Religion>

4. In this country, controversy over an American oil company's claims to the La Brea oil fields led to a military coup against president Fernando Belaúnde. Luis Sánchez Cerro won a controversial 1931 presidential election over Víctor Haya de la Torre, the founder of this country's leftist APRA party. In this country, the Lucanamarca massacre was carried out by a group founded by former philosophy professor Abimael (*) Guzmán; that Maoist insurgency is known as the Shining Path. A former president of this country resigned after his intelligence chief Vladimiro Montesinos was caught on tape attempting to bribe officials, after which that leader went into exile in his ancestral home of Japan. For 10 points, name this South American country led throughout the 1990s by Alberto Fujimori.

ANSWER: Peru

<TR, World History>

5. The formation of this substance is energetically favorable when there are polyhedral corner-sharing oxygen atoms according to Zachariasen's rules. Tungsten trioxide and indium tin oxide are common industrial coatings for this substance that can affect its electric and photochromic properties. In cryo-EM, the rapid cooling of substrates or the introduction of cryoprotectants can be used to prepare forms of (*) ice named for their resemblance to this substance. Boron trioxide is incorporated into a form of this substance that has very low thermal expansivity and is called its "borosilicate" form. Heating sand and soda ash can form this substance, which is manipulated while molten by namesake "blowers." For 10 points, name this material used to make Erlenmeyer flasks and test tubes.

ANSWER: glass

<EM, Chemistry>

6. The first member of this ethnic group to become a millionaire in the US was a farmer known as "The Potato King." A 1913 Alien Land Act primarily targeting members of this ethnic group caused many of them to lease land under the names of their native-born children. One man of this ethnicity changed his name to Clyde Sarah and was arrested after he refused an order to turn himself in to an (*) assembly center. This ethnic group's emigration to the US was limited by the informal 1907 Gentleman's Agreement. The 442nd Infantry Regiment included mostly members of this ethnic group, such as future Hawaii senator Daniel Inouye. Executive Order 9066 ordered people of this ethnic group to be sent to camps such as Tule Lake and Manzanar. For 10 points, name this ethnic group whose member Fred Korematsu challenged their internment during World War II.

ANSWER: Japanese-American

<TR, American History>

7. A rumpled carpet appears at the bottom of a Madonna by this painter whose patron is shown with his deceased first wife, his current wife, his daughter, and his two deceased sons. Early in life, this artist and his brother Ambrosius worked as apprentices in Basel ("BAH-zull"). Jesus appears to be giving the viewer the middle finger in an extremely wide painting by this artist that depicts the emaciated (*) body of Christ in the tomb. Scientific instruments, such as a quadrant and a shepherd's dial, and a lute with a broken string are part of the elaborate still life at the center of this artist's painting of Georges de Selve and Jean de Dinteville ("dan-tuh-VEEL"), which includes an anamorphic skull at the bottom. For 10 points, name this painter of *The Ambassadors*.

ANSWER: Hans Holbein the Younger

<WN, Painting>

8. In 2001, an estimate of this value was given by Wendy Freedman's team, who used the Sunyaev–Zel'dovich effect on galaxy clusters to infer it. The 2018 project H0LiCOW ("holy-cow") used quasars as strong lenses to provide an estimate of this value with a margin of error of 2.5. The first good estimate of this value was given by Allan Sandage, whose model proposed that the corresponding cosmological constant equals (*) zero. This value, which is equal to the time derivative of the scale factor divided by the scale factor, was first proposed after its namesake discovered a law relating the distances of galaxies to their redshift. The rate of expansion of the universe is given by, for 10 points, what "constant" named for the American astronomer who first proposed it?

ANSWER: Hubble's constant [or Hubble's parameter; accept answers indicating a value named for Hubble; accept the rate of expansion of the universe or other such similar answers before "expansion"; prompt on age of the universe before "2.5"]

<IJ, Other Science - Astronomy>

9. An anthropologist from this country wrote the remarkably detailed ethnography *The Todas* ("TOH-duh's") despite spending less than six months with the Toda people. The Polish-born anthropologist Bronislaw Malinowski published *Argonauts of the Western Pacific* while living in this country, which is where he taught before moving to America. An anthropologist from this country, often considered to be the founder of structural functionalism, wrote the book *The* (*) *Andaman Islanders*. A man from this country wrote a trilogy of classic works of social anthropology on the Nuer ("NOO-er") people. An anthropologist from this country wrote about the ritual sacrifice of the priest-king of Nemi in *The Golden Bough*. For 10 points, name this country that is home to the anthropologists E. E. Evans-Pritchard, Alfred Radcliffe-Brown, and James Frazer.

ANSWER: United Kingdom of Great Britain and Northern Ireland [or UK; accept Great Britain; accept England before "priest-king" because James Frazer is from Scotland]

<WN, Social Science - Anthropology>

10. This poet quoted Julian of Norwich to claim that "all shall be well, and all manner of things shall be well" towards the end of one collection. He reversed a line that Mary, Queen of Scots is said to have embroidered before her death to begin a poem with the line "my beginning is my end." This poet wrote a collection that begins with the line "Time present and time past / are both perhaps present in time future." This poet of (*) "East Coker" and "Burnt Norton" compared the image of a "patient etherized upon a table" to "the evening spread out across the sky" in a poem whose title character "has measured out his life with coffee spoons" and asks "Do I dare / disturb the universe?" For 10 points, name this poet of the *Four Quartets* and "The Lovesong of J. Alfred Prufrock."

ANSWER: Thomas Stearns Eliot

<RR, Poetry>

11. During this century, the so-called "farce of Ávila" resulted in the deposition of Henry IV of Castile in favor of the figurehead Alfonso the Innocent. The naval Battle of Guinea was fought in this century between supporters of the Portuguese queen Joanna and those of her aunt for the throne of Castile. Early in this century, the Disputation of Tortosa led to an increase in the number of Jews converting to Christianity. The Spanish Inquisition was introduced in this century, and the (*) monarchs who supported it also ordered the expulsion of the Jews shortly after conquering Granada from its Muslim rulers. For 10 points, identify this century during which Ferdinand and Isabella completed the Reconquista and sponsored Christopher Columbus's first voyage to the New World.

ANSWER: 1400s AD [or 15th century]

<TR, European History>

12. An extremely dissonant late piece by this composer begins with a long unison G, and uses two tied eighth notes instead of one quarter note to represent a syncopated version of the main theme. This man's first six quartets were published as his Opus 18. A late string quartet by this composer uses F Lydian for a very slow "Holy Song of Thanksgiving." A B-flat major string quartet by this composer includes an "Alla danza tedesca" and a long, slow (*) "Cavatina" among its six movements. This composer used folk songs like "Slava" in three string quartets dedicated to Count Andrey Razumovsky. The original sixth movement of his String Quartet No. 13 was later published as his *Grosse Fuge*. For 10 points, name this composer whose Ninth Symphony set Schiller's "Ode to Joy."

ANSWER: Ludwig van Beethoven

<AWD, Music>

13. A short story by this author ends with a conversation about a man who was found "wide-awake and laughing-like to himself" because of a mental decline brought about by the breaking of a chalice. One of this author's characters is jokingly called a "West Briton" because he writes for the *Daily Express*. Eliza and Nannie are the title characters of a story by this author whose narrator learns about the death of (*) Father Flynn. The snow is described as "faintly falling" on the title people at the end of a story by this author in which Bartell D'Arcy's performance of "The Lass of Aughrim" reminds Gretta of her youthful romance with Michael Furey, to the dismay of Gretta's husband Gabriel Conroy. For 10 points, name this author of *Dubliners*.

ANSWER: James (Augustine Aloysius) Joyce

<WN, Short Fiction>

14. Outside the US, a regimen that contains furazolidone is used for salvage therapy against this organism. A virulence factor secreted by this organism contains several EPIYA motifs in its repeat regions and induces a "hummingbird phenotype" in host cells. This organism, whose virulence factors includes vacA, oipA, and cagA, expresses a urease ("YUR-ee-ace") that allows it to be detected via a carbon-14-based breath test. This microaerophilic organism is targeted by a bismuth-containing "quadruple therapy" and a proton pump inhibitor-containing "triple therapy." The effects of this organism were first proven by (*) Barry Marshall, who drank a broth containing it. This helix-shaped organism burrows into epithelium to avoid and survive the low-pH environment of the stomach. For 10 points, name this bacterium that causes GI ulcers.

ANSWER: Helicobacter pylori [or H. pylori]

<Eric M, Biology>

15. A letter by this philosopher contains the quote "death is nothing for us" and the justification that when we are alive, we are not dead yet, and when we die, we no longer exist. Book X of *Lives of the Eminent Philosophers* contains three letters from this philosopher to Herodotus, Pythocles, and Menoeceus, his only surviving full works. He's not Democritus, but a later thinker's concept of "the swerve," or clinamen, was derived from the atomistic physics of this philosopher. A trilemma referred to as this philosopher's (*) paradox is considered to be the earliest statement of the problem of evil. The combination of aponia, or lack of pain, and ataraxia, or tranquility, was considered to be true happiness by this philosopher and his namesake school. For 10 points, name this philosopher who believed in pleasure as the highest good and whose beliefs are sometimes equated to hedonism.

ANSWER: Epicurus [or Epikouros]

<YFL, Philosophy>

16. In an opera by this composer, cellos accompany a character's prayer in the aria "Vieni, O Levita!... Tu Sol Labbro." The overture to an opera by this composer opens with the brass repeatedly playing a motif of three unison E's followed by the strings playing the repeated ascending sixteenth-note figures A-B-C-E. An opera by this composer includes a mad scene in which a man declares "Non son più re, son dio" after being struck by lightning; that opera by this composer features the chorus (*) "Va, pensiero," also known as the "Chorus of the Hebrew Slaves." This composer wrote the operas *La Forza del Destino* and *Nabucco*, as well as an opera in which the title character has gambling winnings thrown at her feet by Alfredo. For 10 points, name this composer of an opera about Violetta, *La Traviata*.

ANSWER: Giuseppe (Fortunino Francesco) Verdi

<YFL, Other Arts - Opera>

17. After his travels with a non-basketball-playing Moritz Wagner, Karl von Scherzer published this work in Europe for the first time. Dennis Tedlock produced the definitive English translation of this work, which features a demonic bird creature who pretends to be the sun and moon. During the first section of this work, humans are made out of wood, but those wooden people are then destroyed by their creator, (*) Kukulcan.

After a character in this work is decapitated, his severed head is used for a competition in which the Lords of Death are defeated. This work survives today due to a single copy translated into Spanish in the early 18th century by Francisco Ximénez. For 10 points, name this work that includes the adventures of the Hero Twins as well as the Mayan creation myth.

ANSWER: Popol Vuh [or Popol Wuj]

<DM, Mythology>

18. One class of these materials loses its characteristic property when the cube root of the density of free electrons times the Bohr radius is greater than 0.26. One class of these materials arises when the quantity "two times the number of nearest-neighbor atoms times the tight-binding transfer integral" is much smaller than the potential energy difference between two states. These materials are characterized by a very large (*) band gap, which keeps electrons in the valence band. Dielectrics are examples of these materials, which are placed in capacitors to increase capacitance without allowing any current to flow through. For 10 points, name these materials that are very poor conductors of electricity.

ANSWER: insulators [accept Mott insulators]

<BB, Physics>

19. It's not Scotland, but the Robert Burns Fellowship is a literary award presented in this country. In a novel from this country, a boy destroys a prized guitar and goes on a window-smashing spree, then stabs his father with a shard of glass when his father starts beating him. Samuel Butler's *Erewhon* was partly inspired by Butler's four-year stay in this country. In a Booker-winning novel from this country, Kerewin Holmes helps care for the (*) mute child Simon P. Gillayley. In a short story set in this country, Laura fails to stop the title event. For 10 points, name this country of the author of "The Garden Party," Katherine Mansfield, and Keri Hulme's *The Bone People*, whose title refers to the Māori.

ANSWER: New Zealand [or Aotearoa]

<WN, Long Fiction>

20. During jousts, this ruler wore the arms of Sir Lionel, which was likely the reason why he named his second surviving son Lionel. Late in life, this king was manipulated by his mistress Alice Perrers after the death of his wife Philippa of Hainault. Although he had already been crowned, this king took power by orchestrating a coup at Nottingham Castle against his mother's lover Roger Mortimer. Under this king, the Statute of Laborers was introduced as an attempt to keep wages low despite major population loss caused by the (*) Black Death. This king commanded his army to victory over Philip VI at the Battle of Crécy as part of his campaign to claim the French throne. For 10 points, name this English king who began the Hundred Years War.

ANSWER: **Edward III** [prompt on Edward]

<TR, Other History>

Bonuses

1. This author's most recent book, *Spain in our Hearts*, covers American volunteers in the Spanish Civil War. For 10 points each:

[10] Name this historian who wrote *King Leopold's Ghost*, which detailed atrocities committed in the Belgian Congo by the Force Publique.

ANSWER: Adam **Hochschild**

[10] This author wrote *King Leopold's Soliloquy*, a satirical criticism of Leopold's policy towards the Congo. This American author wrote about his tour of the Middle East in *The Innocents Abroad*.

ANSWER: Mark **Twain** [or Samuel Langhorne **Clemens**]

[10] Roger Casement, who wrote a namesake report about human rights abuses in the Congo, was executed for his support for this country's independence. Activists for this country's independence carried out the Easter Rising in Dublin.

ANSWER: **Ireland**

<TR, Other History>

2. This group was formed by artists who objected to "The Entrance of Odin into Valhalla" being the topic for a Gold Medal painting competition. For 10 points each:

[10] Name this art group that included an artist who painted a woman dressed in black in a carriage titled *Portrait of an Unknown Woman*. Another artist from this group showed a boy with a walking stick next to a priest in front of a procession in one painting.

ANSWER: **Peredvizhniki** ("peh-rid-VEEZH-nick-ee") [or The **Wanderers**; or The **Itinerants**; or The **Society for Traveling Art Exhibitions**]

[10] This member of Peredvizhniki painted a group of bearded men crowded around a table drafting a letter in his *The Reply of the Zaporozhian Cossacks*. He painted *Unexpected Visitors*, also called *They Did Not Expect Him*.

ANSWER: Ilya (Yefimovich) **Repin**

[10] Peredvizhniki was an art group from this country, where Repin painted a wide-eyed tsar clutching his son in *Ivan the Terrible and His Son Ivan*.

ANSWER: **Russia** [or **Russian** Empire]

<YFL, Painting>

3. Rudolf Clausius is credited with the first full statement of this law. For 10 points each:

[10] Name this law, a restatement of the conservation of energy, which states that the change in internal energy of a system equals the heat added to the system plus the work done on the system.

ANSWER: **first law of thermodynamics** [prompt on partial answer]

[10] The first law of thermodynamics governs the operation of this type of constant-volume calorimeter, which contains a cell hooked up to an ignition box, surrounded by a fluid, surrounded by a jacket.

ANSWER: **bomb** calorimeter

[10] In this other technique, the temperature of a sample is slowly increased and the mass is continuously measured. It is often used to measure the stability of a polymer, and is run concurrently with DSC in simultaneous thermal analysis.

ANSWER: **TGA** [or **thermogravimetric analysis** or **thermal gravimetric analysis**]

<Eric M, Chemistry>

4. A piece inspired by this opera was originally composed by Franz Waxman for the score to the film *Humoresque*. For 10 points each:

[10] Name this opera. It was the basis for a virtuoso showpiece for violin and orchestra by Pablo de Sarasate whose fifth movement is based off the aria “Les tringles des sistres tintaient” (“lay TRAN-gluh day SEEST-ruh tan-TAY”) from this opera’s second act.

ANSWER: **Carmen** [accept **Carmen Fantasy**] (by Georges Bizet)

[10] Pablo de Sarasate hailed from this country, which is the setting of *Carmen*. Bizet evoked this European country by writing homages to the *habanera* and *seguidilla*.

ANSWER: Kingdom of **Spain** [or Reino de **España**]

[10] This Israeli violinist and teacher at Juilliard (“JOO-lee-ard”) recorded Sarasate’s *Carmen Fantasy* in 1972. This one-time duo partner of Vladimir Ashkenazy plays sitting down due to a childhood case of polio.

ANSWER: Itzhak **Perlman**

<DM, Music>

5. This man championed James Branch Cabell’s writing, contrasting him with the regionalism of the Nashville Agrarians. For 10 points each:

[10] This German-American journalist and social critic co-founded the original *American Mercury*. He was the first to use the term “Scopes Monkey Trial” in his coverage of the event.

ANSWER: H. L. **Mencken** [or Henry Louis **Mencken**]

[10] This Mencken essay derided the American South for literary stagnation, declaring that a poet is as rare in the South as an “oboe-player, a dry-point etcher or a metaphysician,” and comparing the intellectual vacuity to the vastness of the cosmos.

ANSWER: “The **Sahara of the Bozart**”

[10] This Southern town eagerly accepted the criticism levied in the “Sahara.” The sociologist Howard Odum founded the University of North Carolina Press in this college town, where writers like Paul Green and Thomas Wolfe went to school.

ANSWER: **Chapel Hill**, North Carolina

<RR, Misc Literature>

6. Daniel Ziblatt’s *Structuring the State* examines why one of these political systems developed in Germany in the 19th century, while Italy became a unitary nation-state. For 10 points each:

[10] Name this political system that contains both a central government and regional governments that divide powers. The Tenth Amendment establishes this system in the United States.

ANSWER: **federalism** [or **federalist** system]

[10] This process is the transfer of power from a central government to a regional government. The rate of this process between the UK Parliament and the Scottish Parliament has been an issue in discussions of Scottish independence.

ANSWER: **devolution**

[10] This political scientist wrote “Federalism and the Democratic Process.” He characterized the actual functioning of democracy as “polyarchy” in *Democracy and its Critics*, and examined New Haven’s pluralistic democracy in *Who Governs?*

ANSWER: Robert **Dahl**

<RR, Social Science - Political Science/IR>

7. A group of Republicans who supported this man took their name from an Algonquian word roughly meaning “war chief.” For 10 points each:

[10] Name this man who won the Presidency in 1884, thanks in part to the support of the aforementioned mugwumps. He is the only US President to serve two non-consecutive terms.

ANSWER: (Stephen) Grover **Cleveland**

[10] This earlier faction of Republicans were the sworn enemies of Roscoe Conkling. Their guiding issue was civil service reform, and they were responsible for the compromise nomination of James Garfield in 1880.

ANSWER: **half-breeds**

[10] Republicans were often accused of performing this metaphorical action in the postbellum era. It served as a metaphor for both Union deaths and victims of Klan violence in the South.

ANSWER: **waving** the **bloody shirt** [prompt on answers that don’t include “bloody”; accept answers that use equivalents for “waving”; do not accept “waving the bloody flag” or “waving the bloody rag”]

<DM, American History>

8. In *The Location of Culture*, Homi Bhabha states that this crime suggests the “momentous, if momentary, extinction of culture” to the woman it happens to. For 10 points each:

[10] Name this crime allegedly committed by Dr. Aziz in the Marabar Caves. Mrs. Moore does not observe whether it happened or not due to her claustrophobia.

ANSWER: the **rape of Adela** Quested by Dr. Aziz [accept **sexual assault of Adela** Quested or equivalents; prompt on **rape** or **sexual assault** with “of whom?”]

[10] The events in the Marabar Caves and the subsequent trial of Dr. Aziz are depicted in this novel by E. M. Forster.

ANSWER: *A **Passage to India***

[10] After Adela Quested recants her testimony, this character breaks off their engagement. This racist magistrate of Chandrapore seeks to increase his status in the British Raj.

ANSWER: **Ronny Heaslop** [accept either underlined part]

<IJ, Long Fiction>

9. To visit a popular museum in this city, tourists can fly into the Adolfo Suárez International Airport and ride the metro to the Banco de España station. For 10 points each:

[10] Name this city, whose popular neighborhoods include Chueca and Lavapiés. Its popular tourist attractions include El Retiro Park and the Prado Museum.

ANSWER: **Madrid**

[10] Madrid’s Golden Triangle of Art includes the Prado, the Thyssen-Bornemisza (“TEE-same-bor-nay-MEE-sah”) Museum, and this museum of modern art named after a Spanish monarch. Its collection includes Pablo Picasso’s *Guernica*.

ANSWER: **Reina Sofía** Museum [or **Queen Sofía** Museum]

[10] People often gather at Madrid’s Puerta del Sol to observe a Spanish tradition involving eating twelve of these at midnight on New Year’s in order to ensure a year of prosperity.

ANSWER: **grapes** [accept Twelve **Grapes** or *doce uvas*]

<KH, Geography>

10. Rather complex forms of performing this operation make use of temporal discretization and include the Lax–Wendroff method. For 10 points each:

[10] Name this operation that is performed numerically, and not analytically, in both the Euler algorithm and the Runge–Kutta (“ROON-guh KOOT-ah”) methods.

ANSWER: (numerical) **integration** [accept word forms of **integrating**]

[10] In general, higher-order methods for integrating reduce this quantity. Users of numerical methods often worry about a form of this quantity caused by rounding or truncation.

ANSWER: **error** [accept numerical **error** or roundoff **error**]

[10] This second-order numerical integration algorithm updates the position and velocity steps at every other time-delta, in an “interleaved” manner. It is often considered to be an improvement of the Verlet (“vair-lay”) method.

ANSWER: **leapfrog** algorithm

<IJ, Other Science - Mathematics>

11. A series of vandalism incidents against mosques in Malaysia were caused by a court decision that upheld a ban on the use of this word by Malaysia’s Christians. For 10 points each:

[10] Give this Arabic word for the God of the Abrahamic religions. Evangelicals like to claim that the God referred to by this word is the same as the pagan lunar deity Hubal.

ANSWER: **Allah** [do not accept or prompt on any other answers]

[10] This Arab tribe worshipped a handful of pagan deities, including Hubal, until Muhammad, himself a member of this tribe, returned from Medina to convert them to Islam.

ANSWER: **Quraysh**

[10] This is the most commonly used of the 99 names of God mentioned in the Quran. It also gives its name to the 55th sura of the Quran.

ANSWER: Ar-**Rahman** [accept translations like “the **most merciful**” or other equivalents]

<DM, Religion>

12. Answer the following about annual lists of the top ten films, for 10 points each.

[10] This film critic who goes by his first initial and last name made an annual top ten film list for the *Village Voice*; the TV broadcast of Game 6 of the 1986 World Series landed at number 5 on his 1986 list.

ANSWER: J. **Hoberman** [or James Lewis **Hoberman**]

[10] This country’s oldest film magazine, *Kinema Junpō* (“KEE-neh-mah joom-POH”), puts out an annual top ten list. In 2009, it put out a list of this country’s top ten films of all time, on which *Seven Samurai* ranked second.

ANSWER: **Japan** [or **Nippon**]

[10] *Cahiers du Cinéma* (“kah-YAY due see-nay-MAH”) released its first top ten list in 1951; the list was topped by *The River*, a film by this French director of *The Grand Illusion* and *A Day in the Country*.

ANSWER: Jean **Renoir**

<WN, Other Arts - Film>

13. The number of these particles and the number of baryons are both conserved quantum numbers in particle physics. For 10 points each:

[10] Name this group of 6 elementary particles, 3 charged and 3 neutral, that are unaffected by the strong force.

ANSWER: **leptons**

[10] The 3 uncharged leptons are these very-low-mass particles whose existence was inferred by the apparent violation of conservation of energy exhibited by beta decay.

ANSWER: **neutrinos**

[10] One of the main decay routes used to infer the existence of the Higgs boson involves the Higgs boson decaying into two of these particles, then into 4 leptons.

ANSWER: **Z** boson

<BB, Physics>

14. Samuel Taylor Coleridge stepped in for Reverend Joshua Toulmin so that Toulmin would be free to grieve his daughter who had suffered this fate. For 10 points each:

[10] Name this fate that befalls the subject of a Stevie Smith poem that claims “oh, no no no, it was much too cold always.”

ANSWER: **drowning** [prompt on **dying**]

[10] Hugh MacDiarmid described the image of John Davidson drowning at sea as “God through the wrong end of” a device used in this profession. A poem that is partly titled for this profession laments “how soon unaccountable I became tired and sick.”

ANSWER: **astronomers** [or **astronomy**] (The device is a telescope.)

[10] Coleridge took over for Toulmin at his church in Taunton around the same time that this longest poem in *Lyrical Ballads* was published. In this poem, a voyage turns troublesome after the shooting of an albatross.

ANSWER: *The **Rime of the Ancient Mariner***

<JG, Poetry>

15. This woman wrote the text of the Manifesto of the 343, named after the number of women who signed it claiming to have undergone an illegal abortion. For 10 points each:

[10] Name this philosopher, the longtime lover of Jean-Paul Sartre who wrote the feminist text *The Second Sex*.

ANSWER: Simone de **Beauvoir**

[10] The law legalizing abortion in France is named for this Minister of Health, a Holocaust survivor who also served as the first President of the European Parliament.

ANSWER: Simone **Veil** (“vay”)

[10] The French feminist movement was catalyzed by the general strikes and student protests in May of this year, during which President Charles de Gaulle was briefly forced to flee the country.

ANSWER: **1968** [prompt on ‘68]

<TR, European History>

16. The first one of these instruments was created out of the jawbone of a giant fish and the hairs of a stallion. For 10 points each:

[10] Name this string instrument. After playing this instrument, whose sound captivates all the animals of the forest, its inventor cries tears that turn into blue pearls.

ANSWER: the **kantele** (“KON-teh-leh”) [prompt on Finnish **harp**]

[10] This wise hero of the *Kalevala* creates the first kantele, and earlier defeats Joukahainen (“YO-kah-high-nen”) in a singing contest. His non-musical adventures include stealing the Sampo.

ANSWER: **Väinämöinen**

[10] Earlier in the *Kalevala*, the Earth is created from one of these objects. Orphic creation myths often feature a primordial deity hatching from a “cosmic” one of these delicious objects.

ANSWER: an **egg** [accept a duck **egg**]

<DM, Mythology>

17. David Chalmers used these constructs to argue that sentience is a further fact, meaning that it cannot be inferred from logical analysis. For 10 points each:

[10] Name these constructs that are materially identical to humans, but do not have mental properties.

ANSWER: philosophical **zombies** [or **p-zombie**; or physical **zombies**]

[10] Physical zombies are used to refute the theories of this concept in philosophy of mind. Philosophers often define this concept as awareness of external and internal phenomena.

ANSWER: **consciousness**

[10] This philosopher’s book *Consciousness Explained* presents a functionalist refutation of the existence of zombies. He also wrote about the effects of Charles Darwin’s thought in *Darwin’s Dangerous Idea*.

ANSWER: Daniel **Dennett**

<IJ, Philosophy>

18. Answer the following about the relevance of popcorn in biology, for 10 points each.

[10] The musk glands of these Southeast Asian animals give them a distinct popcorn odor. These civet-like animals have a prehensile tail.

ANSWER: **bearcats** [or **binturongs**]

[10] Patients are often given popcorn as part of a regimen for this eating disorder, which is the excessive consumption of non-nutritious materials, such as dirt.

ANSWER: **pica**

[10] Reed–Sternberg cells, which are likened to “popcorn cells,” are found in people who have the “Hodgkin’s” form of this disease. This form of cancer grows out of white blood cells.

ANSWER: **lymphoma** [do not accept “leukemia”]

<IJ, Biology>

19. Jack Weatherford's 2010 book about the *Secret History* of women of this ethnicity described their influence on various ruling states. For 10 points each:

[10] Name this ethnic group, one of whom named Börte was rescued by her husband after being kidnapped by Merkits.

ANSWER: **Mongols** [or **Mongolians**]

[10] Börte was the wife of this leader who unified the Mongols.

ANSWER: **Genghis** Khan [or **Chinggis** Khan, or **Temujin**; prompt on **Khan**]

[10] Many Mongol queens, including Kublai Khan's mother Sorghaghtani Beki, belonged to this branch of Christianity popular in Asia.

ANSWER: **Nestorian** Church [accept Church of the **East**; do not accept "Eastern Orthodox"]

<TR, World History>

20. This character is killed by Tullus Aufidius after he leads an abortive revolt with the Volscians. For 10 points each:

[10] Name this Shakespeare character who leads a revolt against his home city as revenge for his exile. The play in which he appears ends with his execution after his mother Volumnia persuades him to lay down arms.

ANSWER: **Coriolanus** [or Caius **Marcus**]

[10] Coriolanus is exiled from this city. In another Shakespeare play, a character delivers a funeral oration in this city by asking "friends" and "countrymen" to "lend me your ears."

ANSWER: **Rome**

[10] This scholar analyzes the disdain Coriolanus has for plebeian rule in the context of the election of 2016 in his newest book *Tyrant*. He's also written the popular Shakespeare analysis *The Will in the World*.

ANSWER: Stephen **Greenblatt**

<IJ, Drama>