



1. **This author fictionalized the rise of Hitler in the novel *Dragon's Teeth*, part of his Lanny Budd series. A character created by him is imprisoned for attacking Phil Connor, who rapes that character's wife Ona. The Teapot Dome scandal inspired his novel (*) *Oil!*, and in another book the cry "Chicago will be ours!" ends a speech attended by Lithuanian immigrant Jurgis Rudkus. For 10 points, name this man who depicted the Chicago meatpacking industry in his novel *The Jungle*.**

ANSWER: Upton **Sinclair**

232-14-101-07101

BONUS: What Asian country was ruled for six centuries by the Khmer Empire and for four years by the Communist Khmer Rouge?

ANSWER: Kingdom of **Cambodia** [or Preahreacheanachakr **Kampuchea**]

023-14-101-0710-11

2. **This man opened one of his oratorios with a C minor overture without cadences at the ends of phrases, called "The Representation of Chaos." This composer wrote a symphony in which musicians snuff out a candle and leave the stage one by one. The second of this composer's twelve (*) London symphonies contains a pianissimo section followed by an unexpected fortissimo chord. For 10 points, name this Austrian composer of the *Farewell* and *Surprise* symphonies, which are only two of his 104 symphonies.**

ANSWER: Franz Joseph **Haydn**

153-14-101-07102

BONUS: What French philosopher wrote about his namesake "wager" on God's existence in his *Pensees*? (pen-SAYS)

ANSWER: Blaise **Pascal**

080-14-101-0710-11

3. **This artist depicted his wife, Jo, sitting at a table with a cup of coffee under two rows of lights in *Automat*. Another painting by this man shows two women sitting at a table ready to eat the title food, which is advertised by a red neon sign in the background. This man painted an advertisement for (*) Phillies cigars on top of a building, in which three people sit around a triangular counter on a dark night. For 10 points, name this American painter of *Chop Suey* and *Nighthawks*.**

ANSWER: Edward **Hopper**

227-14-101-07103

BONUS: An Atwood's machine involves two weights, a rope, and what type of simple machine, multiple of which are found in a block and tackle?

ANSWER: **pulleys**

233-14-101-0710-11

4. **This man issued the gag rule on abolitionist petitions while Speaker of the House. He lowered the tariff in a bill named for his secretary of the Treasury, Robert Walker. Oregon was divided along the 49th parallel during his administration. Nicholas Trist ignored this man's demands to return to the United States, instead signing the Treaty of (*) Guadalupe Hidalgo, which ended a war this President began. For 10 points, name this President who led the U.S. into the Mexican-American War.**

ANSWER: James Knox **Polk**

121-14-101-07104

BONUS: This is a 20-second calculation question. What is the area of a right triangle which has hypotenuse 17 and one leg of length 15?

ANSWER: 60

233-14-101-0710-11

5. In one of this author's books, he writes that he feels like a chess piece that has been told it cannot move by an opponent. This author contrasted the happy "knight of faith" with the "knight of infinite resignation." In one of his books, he explored the anxiety (*) Abraham felt when being told to sacrifice Isaac. This man used such aliases as "Johannes de Silentio" and "Hilarius Bookbinder." For 10 points, name this Danish philosopher who wrote *Fear and Trembling* and *Either/Or*.

ANSWER: Søren Aabye Kierkegaard [or Johannes de Silentio until it is read; or Victor Eremita; or William Afham; or Frater Taciturnus; or Constantin Constantius; or Vigilius Haufniensis; or Nicolaus Notabene; or A.B.C.D E.F. Godthaab; or A.B.C.D.E.F. Rosenblad; or Inter et Inter; or Procul; or Captain Scipio; or Judge William; or A.F.; or Hilarius Bookbinder until it is read; or Johannes Climacus; or H.H.; or Anti-Climacus; prompt on A; prompt on B]

052-14-101-07105

BONUS: What Yale professor and literary critic wrote *The Anxiety of Influence* and *The Western Canon*?

ANSWER: Harold Bloom

233-14-101-0710-11

6. The completion of this project was celebrated when one of its sponsors poured the contents of a barrel off the *Seneca Chief*. Thomas Allen wrote a nostalgic song about this project beginning "I've got a mule, her name is Sal." DeWitt Clinton got his state's legislature to fund this project, which was designed with a staircase of (*) locks to get over the Niagara Escarpment. For 10 points, name this waterway in upstate New York that connected Albany to the Great Lakes area.

ANSWER: Erie Canal

080-14-101-07106

BONUS: What grammatical mood, exemplified by the phrase "i would have," alters verbs in clauses expressing volition, negation, or doubt, in contrast to the indicative?

ANSWER: subjunctive mood

104-14-101-0710-11

7. This man became next in line to his country's throne a few years after the suicide of his cousin Rudolf in Mayerling. He had to promise not to pass succession on to his children in order to marry Sophie Chotek. This man was the presumptive heir to (*) Franz Joseph until he was killed on the Latin Bridge in Sarajevo, precipitating the July Crisis. For 10 points, name this Austrian archduke whose assassination by Gavrilo Princip sparked World War I.

ANSWER: Archduke Franz Ferdinand

121-14-101-07107

BONUS: What Italian composer wrote the opera *Turandot*?

ANSWER: Giacomo Puccini

080-14-101-0710-11

8. This man wrote in 2013 that "it is extremely dangerous to encourage people to see themselves as exceptional" in objecting to the term "American exceptionalism." He was described as "Batman" in diplomatic cables, and he cited "insufficient communication" as a reason why he chose to write (*) directly to the American people. The *New York Times* published his "plea for caution" regarding the crisis in Syria. For 10 points, name this president of Russia.

ANSWER: Vladimir Putin

052-14-101-07108

BONUS: What rhetorical device is used when a speaker addresses someone or something not present?

ANSWER: **apostrophe**

023-14-101-0710-11



SET A:

1. BONUS: Name the Toni Morrison novel whose title character returns as a ghost after being killed by her mother to save her from slavery.

ANSWER: Beloved

052-14-101-0710-12

2. BONUS: What term denotes the process in which stem cells become specific cell types as well as the process of taking the derivative?

ANSWER: differentiation

066-14-101-0710-12

3. BONUS: This is a calculation question. What is the median of the following set of numbers: 6, -2, 8, 1, 5, 6, -3?

ANSWER: 5

003-14-101-0710-12

4. BONUS: What vice-president to George H.W. Bush was zinged by Lloyd Bentsen after alluding to JFK in a debate?

ANSWER: Dan Quayle

233-14-101-0710-12

SET B:

1. BONUS: The arithmetic logic unit is a component in what "brain" of a computer?

ANSWER: CPU [computer processor; or central processing unit; or central processor unit]

066-14-101-0710-12

2. BONUS: What phylum, which can project nematocysts in self-defense, contains jellyfish?

ANSWER: Cnidaria (NIGH-dare-EE-uh)

066-14-101-0710-12

3. BONUS: This is a 20-second calculation question. The cotangent of theta is negative and the cosecant of theta is positive. In what quadrant is angle theta?

ANSWER: quadrant II

003-14-101-0710-12

4. BONUS: Which bloody Civil War battle fought between Robert E. Lee and George McClellan in Maryland saw fighting around a sunken road and a location that came to be known as Burnside Bridge?

ANSWER: Battle of Antietam [or Battle of Sharpsburg]

040-14-101-0710-12



9. **This author collected Floridian folktales that would be used in a play written with Langston Hughes titled *Mule Bone*. This writer set many literary works in Eatonville, where one character discovers love by watching bees pollinate a pear tree. That character escapes from (*) Logan Killicks and Jody Starks. This author wrote about Tea Cake dying of rabies during the Okeechobee hurricane in her novel about Janie Crawford. For 10 points, name this author of *Their Eyes Were Watching God*.**

ANSWER: Zora Neale Hurston

232-14-101-07109

BONUS: What Netflix original series is based on a book by Piper Kerman and stars Taylor Schilling as Piper Chapman, a woman imprisoned for transporting drug money?

ANSWER: *Orange is the New Black*

225-14-101-0710-11

10. **A GUI widget toolkit for this language is Swing. The Eclipse IDE is written in this language, which was developed by James Gosling. This language offers public, protected, default and private as access specifiers. Class files containing bytecode from this language are typically aggregated in a (*) dot-jar file. For 10 points, identify this object-oriented programming language, originally developed at Sun Microsystems, and noted for its portability since it runs on a namesake "virtual machine".**

ANSWER: Java

066-14-101-07110

BONUS: Name the amendment to the Constitution which granted freed slaves citizenship.

ANSWER: Fourteenth Amendment

015-14-101-0710-11

11. **This American city is home to the first restaurant opened by *Iron Chef* contestant Masaharu Morimoto. This city's Chestnut Hill neighborhood is bordered by the gorge of Wissahickon Creek. The Reading Terminal Market is located in its (*) Center City district. This city was the terminus of a Main Line of a railroad that built stations in Baltimore and New York. This city lies on the Schuylkill and Delaware Rivers. For 10 points, name this Pennsylvania "city of brotherly love".**

ANSWER: Philadelphia

232-14-101-07111

BONUS: After it was leaked early, what band streamed their album *Reflektor* with clips from the movie *Black Orpheus*?

ANSWER: Arcade Fire

121-14-101-0710-11

12. **This philosopher argued that a form of recognition called *anagnorisis* accompanied "reversal of intention," or *peripeteia*. In *On Rhetoric*, this philosopher classified argumentative techniques as *ethos*, *pathos*, and *logos*. He theorized that by seeing a hero fall from grace due to a (*) tragic flaw, viewers of tragedy can undergo *catharsis*. For 10 points, name this Greek author of the *Poetics*, a noted student of Plato.**

ANSWER: Aristotle [or Aristoteles]

080-14-101-07112

BONUS: What California mountain in the Sierra Nevada has the highest peak in the contiguous United States?

ANSWER: Mt. Whitney

233-14-101-0710-11

13. **This theory utilizes a factor of one over the square root of one minus beta squared; that quantity is known as the Lorentz factor. Applicable to only inertial reference frames, the twin paradox is a consequence of its prediction of (*) time dilation.** It also predicts the equivalence of mass and energy; namely that E equals $m c$ -squared. For 10 points, name this theory developed by Albert Einstein, which is often contrasted with its more general form.

ANSWER: special relativity [prompt on relativity; do not accept "general relativity"]

226-14-101-07113

BONUS: What ancient Greek playwright showed the bloody aftermath of Agamemnon's return in the *Oresteia* trilogy?

ANSWER: Aeschylus

121-14-101-0710-11

14. **The Fischer-Tropsch process produces hydrocarbons and this compound. Cobalt chloride turns from blue to red in its presence, forming a coordination complex with six copies of this molecule. The very high surface (*) tension of this molecule is responsible for its upward facing meniscus and enables capillary action to occur.** This compound in its purest form has a pH of 7, and is known as the "universal solvent." For 10 points, identify this molecule consisting of two hydrogens and one oxygen.

ANSWER: water

233-14-101-07114

BONUS: What ethnic minority is chronicled in Amy Tan's *The Joy Luck Club*?

ANSWER: Chinese-Americans [prompt on Asian-Americans; or Han Chinese]

080-14-101-0710-11

15. **A fight this musician had with Kathy Etchingham inspired the lyric "somewhere a king has no wife." Another song by this artist of "The Wind Cries Mary" appears with "Hey Joe" on his album *Are You Experienced?* and features the often misheard lyric (*) "Excuse me while I kiss the sky."** He covered Bob Dylan's "All Along the Watchtower" for his album *Electric Ladyland*. For 10 points, name this electric guitarist who performed the final set at the Woodstock Music Festival and recorded "Purple Haze."

ANSWER: Jimi Hendrix

080-14-101-07115

BONUS: What Mexican immigrant founded the United Farm Workers with Dolores Huerta and led a march of striking grape-workers to Sacramento?

ANSWER: Cesar Chavez

233-14-101-0710-11

16. **In one novel from this country, a man escapes his family living in a big city to begin an affair with the denizen of a hot springs town. Another author from this country described the arson of one of its landmarks in *The Temple of the Golden Pavilion*, and killed (*) himself on television after staging a failed right-wing coup.** A story from this country describes a girl's attempt to fold a thousand paper cranes to cure her leukemia. For 10 points, name this Asian nation whose postmodern literary movement stems from the trauma of two atomic bomb attacks.

ANSWER: Japan [or Nippon-koku; or Nihon-koku]

020-14-101-07116

BONUS: What longtime director of the New York Philharmonic composed the music for *West Side Story*?

ANSWER: Leonard **Bernstein**

233-14-101-0710-11



17. An excess amount of this controllable process is one major cause of amenorrhea. The Cori cycle corrects metabolic imbalances that arise during this process. One subtype of this process can be split into eccentric, concentric, and isometric phases. Different types of this process benefit from the recruitment of (*) "fast-twitch" or "slow-twitch" tissues. This process results in the buildup of lactic acid, because glycolysis produces energy without the presence of oxygen. For 10 points, name this process which strengthens muscles and raises fitness.

ANSWER: physical exercise [prompt on muscle movement; accept any subtype of exercise, such as weightlifting or synonyms, or cardiovascular or aerobic exercise]

020-14-101-07117

BONUS: What domain of single-celled organisms was once misclassified as bacteria?

ANSWER: Archaea [or archaebacteria]

140-14-101-0710-11