



1. **Charlie Citrine writes plays about Von Trenck in one of this author's novels. Another of his characters travels with Romilayu, and becomes revered after moving a wooden statue. A character created by this author marries Madeleine and writes numerous unsent letters. This author of (\*) *Henderson the Rain King* wrote about a character who travels to Mexico after growing up in Chicago. For 10 points, name this author of *Herzog* and *The Adventures of Augie March*.**

ANSWER: Saul **Bellow**

232-14-101-08101

BONUS: What father of Muhammad's wife Aisha is believed by Sunni Muslims to be the rightful successor to Muhammad?

ANSWER: **Abu Bakr**

030-14-101-0810-11

2. **H.H. Holmes confessed to murdering 27 women in this city during the 1893 World's Fair, which also introduced the Ferris Wheel. At a later event here, a speaker accused the police of engaging in "Gestapo tactics," leading to an angry outburst from its (\*) mayor. Protesters were attacked in Grant Park here during the 1968 Democratic National Convention. For 10 points, Richard J. Daley was mayor of which city, the largest in Illinois?**

ANSWER: **Chicago**, Illinois

121-14-101-08102

BONUS: What largest region of the ocean floor lies below the continental rise, is very flat, and can be interrupted by trenches?

ANSWER: **abyssal plain**

066-14-101-0810-11

3. **This war was the subject of the Frank Capra-directed *Why We Fight* series of films. During it, African American leaders promoted the "Double V" campaign. A poster in this war showed a person flexing a muscle while shouting (\*) "We Can Do It!" That image during this conflict was of a bandana-wearing female worker called "Rosie the Riveter." For 10 points, name this war which resulted in the internment of many Japanese-Americans in the 1940's.**

ANSWER: **World War II** [or **Second World War**]

052-14-101-08103

BONUS: Name the American writer who wrote *Ethan Frome* and several novels about the foibles of rich New York society, such as *The Age of Innocence*.

ANSWER: Edith **Wharton** [or Edith Newbold **Jones**]

130-14-101-0810-11

4. **This novel's sequel features characters Lew Rabinowitz and Sammy Singer, and is titled *Closing Time*. A name mixup in this novel leads to the sending home of A. Fortiori, instead of the man Major Sanderson thought crazy, leading to the protagonist asking Dobbs if he will kill Colonel (\*) Cathcart. M&M Enterprises makes millions for this novel's character Milo Minderbinder. In this novel, Yossarian can't stop flying bombing missions unless he's insane, but his desire to stop bombing proves his sanity. For 10 points, identify this novel by Joseph Heller.**

ANSWER: **Catch-22**

233-14-101-08104

BONUS: This is a 30-second calculation question. What is the only value between  $\pi$  over two and five  $\pi$  over two for which the equation "cosine squared x plus 4 cosine x plus 3 equals zero" is satisfied?

ANSWER:  $\pi$

003-14-101-0810-11

5. **This politician made a gaffe by saying no one was the “suppository of all wisdom.” In a 2009 leadership ballot, he beat Malcolm Trumbull to become Opposition Leader, a role in which he was accused of misogyny by Julia (\*) Gillard.** In his country’s September 2013 election, he led the Liberal-National Coalition to victory over Kevin Rudd’s Labor Party. For 10 points, name this current Prime Minister of Australia.

ANSWER: Anthony John “Tony” Abbott

153-14-101-08105

BONUS: What painting by Jean-Honore Fragonard depicts a hidden man peeking at a pink-dressed woman riding the title object?

ANSWER: *The Swing* [or *L'Escarpolette*]

227-14-101-0810-11

6. **In a novel by this author, Captain Winterbottom stops a fight involving a village led by Ezeulu. This author complained about the "dehumanization of Africa and Africans" by a "bloody racist" in his essay "An Image of Africa" about the book *Heart of Darkness*. A character created by this author beats his wife during the (\*) Week of Peace and lives in Umuofia.** For 10 points, name this Nigerian author who wrote *Arrow of God* and a novel about Okonkwo called *Things Fall Apart*.

ANSWER: Albert Chinualumogu Achebe

023-14-101-08106

BONUS: What Germanic tribe sacked Rome in 455 CE and was led by Gaiseric and Gunderic?

ANSWER: Vandals

030-14-101-0810-11

7. **This character wins a game of blackjack described as "God and Satan playing cards for human souls." This character dramatically frees Abraham Bankier from a cattle car, later making him the manager of his enamelware factory. This man is recognized as a (\*) Righteous Person at the end of his novel, whereas his foil, Amon Goeth, is hanged for war crimes.** For 10 points, name this Thomas Keneally-created character who saves Jews in the Holocaust by writing their names on his list.

ANSWER: Oskar Schindler [or Oskar Schindler]

020-14-101-08107

BONUS: Despite being outnumbered, the English under Henry V won what 1415 battle in which the longbow and a muddy battlefield helped defeat the French?

ANSWER: Battle of Agincourt

002-14-101-0810-11

8. **Unstable equilibrium occurs at a local maximum for this quantity when plotted against position, since force is equal to the negative position derivative of it. In an electric field, it is proportional to the product of two charges divided by the distance between them. For a spring, it is equal to (\*) one-half k x-squared, while its gravitational form is mgh.** For 10 points, name this energy stored in a system, which is converted into kinetic energy.

ANSWER: potential energy [prompt on energy]

226-14-101-08108

BONUS: What type of motion, characterized by extreme sensitivity to starting conditions, is exhibited by a double pendulum?

ANSWER: **chaos** [or **chaotic** motion]

233-14-101-0810-11



**SET A:**

1. BONUS: What pro-slavery orator clashed with both John Quincy Adams and Andrew Jackson while serving as Vice-President under both?

ANSWER: John Caldwell **Calhoun**

019-14-101-0810-12

2. BONUS: By what one-word name is rock star Paul Hewson better known?

ANSWER: **Bono**

045-14-101-0810-12

3. BONUS: This is a 30-second calculation question. The probability of you getting an A as your final grade in a class is 80% if you pass the exam and 30% if you do not. If the probability of you getting an A as your final grade is exactly 50%, what is the probability of you passing the exam?

ANSWER: **40%** [or **0.4**; or **2/5**; or equivalent fractions that simplify to **2/5**]

003-14-101-0810-12

4. BONUS: What mountain range covers much of northern Arkansas and southern Missouri?

ANSWER: **Ozark** Mountains/Plateau

233-14-101-0810-12

**SET B:**

1. BONUS: In which opera by Mozart does a statue at a dinner party drag the title character, a notorious seducer, into hell?

ANSWER: **Don Giovanni** [or *Il dissoluto punito, ossia il Don Giovanni*]

190-14-101-0810-12

2. BONUS: What outermost layer of the sun is very visible during a solar eclipse?

ANSWER: **corona**

233-14-101-0810-12

3. BONUS: Name the data structure that consists of a group of nodes with two fields: one for data, and one for the address of the next node.

ANSWER: **linked list**

066-14-101-0810-12

4. BONUS: This is a 20-second calculation question. If the area of a trapezoid is 40 square units and the bases have length 6 and 10, what is the height?

ANSWER: **5** units

121-14-101-0810-12



9. **The Duffy antigen is expressed on the surface of these cells. The breakdown of these cells produces bilirubin as a byproduct. The production of these cells is controlled by erythropoietin (uh-rith-ro-POI-uh-tin), and they can express Rhesus (REE-suss) factor. These cells are affected by a hereditary disease that confers partial resistance to (\*) malaria and lack a nucleus. That disease causes them to take on a sickle shape that can damage the spleen. For 10 points, identify these cells that carry hemoglobin and deliver oxygen to tissues.**

ANSWER: **red blood** cells [or **RBCs**; or **erythrocytes**; or **erythroid** cells]

066-14-101-08109

BONUS: What author of *Capitalism and Freedom* was the leader of the Chicago School of economics and promoted monetarism?

ANSWER: Milton **Friedman**

227-14-101-0810-11

10. **Although not the simplex virus, the virus that causes this disease is most commonly treated with acyclovir. A reappearance of that virus that causes this disease can cause postherpetic neuralgia. That virus is varicella (\*) zoster, which causes shingles when it reappears. Calamine lotion or oatmeal baths are often used to relieve the symptoms of this disease, which is no longer contagious after its associated rash crusts over. For 10 points, name this disease that causes itchy red spots to appear on the body.**

ANSWER: **chickenpox** [or **varicella** until it is read; prompt on **shingles** until is read]

066-14-101-08110

BONUS: What "robber baron" was the founder of the Standard Oil Company?

ANSWER: John Davison **Rockefeller**

052-14-101-0810-11

11. **Robert Schumann wrote four compositions of this type, including ones nicknamed "Rhenish" and "Spring." Gustav Mahler refused to classify his *Das Lied von der Erde* as one of these compositions. One of this type of composition takes its text from the poem (\*) "Ode to Joy," and the same composer wrote one of these compositions nicknamed "Pastoral." For 10 points, Beethoven wrote nine of what type of extended orchestral composition with multiple movements?**

ANSWER: **symphony**

140-14-101-08111

BONUS: What female American poet wrote "Renascence" and included the popular epigram "First Fig" in her collection *A Few Figs from Thistles*?

ANSWER: Edna St. Vincent **Millay**

014-14-101-0810-11

12. **This data type is most commonly represented using two's complement notation. In many languages, the keywords short and long are used to define a variable of this data type. Addition and subtraction on data of this type uses modulo arithmetic, and arrays are (\*) indexed by data of this type. Float and this data type are the most common numerical data types. For 10 points, identify this data type that only stores whole numbers.**

ANSWER: signed binary **integers** [or **integral** data type; prompt on **binary** numbers]

066-14-101-08112

BONUS: Name the contemporary novelist of *No Country for Old Men*, *All the Pretty Horses*, and *Blood Meridian*.

ANSWER: Cormac **McCarthy**

014-14-101-0810-11

13. **The national park of Rock Creek is in the middle of this city. Diagonal streets intersect its street grid at traffic circles as part of the city plan of Charles L'Enfant. The Freer Gallery has a large collection of Asian art in this city and is part of a larger (\*) museum group that includes the Hirshorn Gallery and the Air and Space Museum. This home to the Smithsonian at one time contained land now part of Arlington County. For 10 points, name this capital of the United States.**

ANSWER: **Washington**, D.C. [or Washington, **D.C.**]

121-14-101-08113

BONUS: What left fielder for the Milwaukee Brewers was the NL MVP in 2011 and was suspended in July 2013 for violating MLB's performance enhancing drug policy?

ANSWER: Ryan **Braun**

030-14-101-0810-11

14. **This man painted a yellow awning above a cobblestoned street in his depiction of an outdoor café terrace, and included a billiards table in the middle of a room with red walls and a green ceiling in his version of the inside of a café. This artist created several paintings of (\*) wheat fields and cypress trees. His best-known painting depicts the village of Saint-Remy under a swirling sky. For 10 points, name this painter of *Sunflowers* and *The Starry Night*.**

ANSWER: Vincent **van Gogh**

190-14-101-08114

BONUS: What German playwright wrote *Mother Courage and Her Children* and collaborated with Kurt Weill on *The Threepenny Opera*?

ANSWER: Bertolt **Brecht**

233-14-101-0810-11

15. **This group originally featured Ron McGovney as bassist. McGovney's replacement died in a bus crash in Sweden in 1986. A song by this band says, "Blood will follow blood, dying time is here." That song is "Damage Inc." The cover art of this band's fourth album shows the statue of (\*) Lady Justice cracked, bound by ropes, and her scales being tipped by money. For 10 points, name this American metal band with songs such as "Seek and Destroy", "One", and "Enter Sandman"**

ANSWER: **Metallica**

225-14-101-08115

BONUS: What country was where the Rum Rebellion took place in 1808 against William Bligh, and where prime minister Harold Holt disappeared while swimming in 1967?

ANSWER: Commonwealth of **Australia**

186-14-101-0810-11

16. **Secondary battles to the south of this battle included Ligny and Quatre-Bras. Marshall Ney led the final assault in this battle, and the late arrival of Prussian forces under (\*) Gebhard von Blucher contributed to the Duke of Wellington's victory in this battle. For 10 points, name this 1815 battle in Belgium that saw the final military defeat of Napoleon Bonaparte.**

ANSWER: Battle of **Waterloo**

030-14-101-08116

BONUS: Name the model bacterium that lives in human intestines and can cause food poisoning.

ANSWER: **Escherichia coli**

190-14-101-0810-11



17. **Idunn guards some of these objects from the giant Thiazzi; those grant eternal youth. Hippomenes used three of these objects in order to win a footrace against Atalanta, and Atlas obtained one of these for (\*) Heracles while Heracles held up the sky for him. Hera received a tree full of these objects after marrying Zeus, which she placed in the garden of the Hesperides. For 10 points, identify these fruits, a poisonous one of which was eaten by Snow White.**

ANSWER: **apples** [or golden **apples**]

227-14-101-08117

BONUS: What author of a modern retelling of the *Odyssey* also penned *Zorba the Greek*?

ANSWER: Nikos **Kazantzakis**

233-14-101-0810-11