

1. This author collected his play about Vivie, a girl who learns that her mother has become rich by running brothels, in his Plays Unpleasant. In one of this author's plays, a poor girl decides to marry Freddy Eynsford-Hill after a professor bets Colonel Pickering that he can teach her how to act like a lady. For 10 points, name this British playwright of Mrs. Warren's Profession, who wrote about the transformation of the Cockney flower girl Eliza Doolittle in Pygmalion.

ANSWER: George Bernard **Shaw**

004-09-2-15101

2. An early engagement in this conflict, the Battle of Dorylaeum, resulted in defeat for Kilji Arslan. This campaign was launched after an appeal by Alexius I Komnenos. One of this campaign's leaders, Godfrey of Bouillon, gained more influence once Bohemond of Taranto took Antioch. A predecessor to this engagement was led by Peter the Hermit, known as the Peasant's Crusade. This campaign's primary target was the Seljuk Empire. For 10 points, name this military venture launched at the Council of Clermont by Pope Urban II, which took Jerusalem in 1099.

ANSWER: **First Crusade**

035-09-2-15102

3. One of this author's characters has a custody battle with Madeleine over their daughter June. That character created by this author writes unsent letters to such people as President Eisenhower. This author of *Humboldt's Gift* and *Herzog* wrote a book in which Eugene visits the Wariri tribe and leaves Africa with a lion cub. Another of this author's books is a picaresque tale of a Chicago Jew who is the brother of Simon and Georgie and serves in World War II. For 10 points, name this author of *Henderson the Rain King* and *The Adventures of Augie March*.

ANSWER: Saul **Bellow** [or Solomon **Bellows**]

027-09-2-15103

4. The exploits of one of this empire's rulers was detailed in the Black Obelisk. One of its leaders, Esar-Haddon, oversaw the conquest of Egypt, and that man murdered his brother Sennacherib (SEN-uh-CHAIR-ihb). A library of over 22,000 tablets was assembled by one of its rulers, Assurbanipal, and Sargon established a dynasty of this empire. For 10 points, name this ancient empire of the Middle East, with capital at Nineveh.

ANSWER: **Assyrian** empire

030-09-2-15104

5. This leader, who was born at Tintagel Castle, was raised by Ector because he was conceived out of wedlock. He left for the Isle of Avalon to heal his wounds after fighting his son Mordred at the Battle of Camlan. After his struggle against Carmelide, he married that king's daughter Guinevere despite Merlin's warnings. For 10 points, Camelot belonged to what son of Igraine and Uther Pendragon, who wielded the sword Excalibur and led the Knights of the Round Table?

ANSWER: King **Arthur**

034-09-2-15105

6. One novel by this author is set mostly in the Maison Vauquer. That work features characters like a criminal referred to as Cheater-of-Death, whose real name is Vautrin. Vautrin tries to set up a duel for the socially ambitious law student Rastignac, but he ends up more interested in the title character's daughter Delphine. For 10 points, name this author whose Human Comedy included works like *Cousin Bette* (BET), *Eugénie Grandet* (oo-jay-NEE gran-DAY), and *Father Goriot* (gore-ee-OH).

ANSWER: Honoré de **Balzac**

022-09-2-15106

7. In the study of graphics, an object with this name functions as the complement to a raster. The Cauch-Schwarz inequality concerns the multiplication of two of these objects. The triangle inequality concerns the addition of these objects. These objects sum is found by the parallelogram rule. These generalizations of numbers are the inputs of a cross product and a dot product, and many of them feature x,y, and z components. For 10 points, name these quantities with a magnitude and direction, distinguished from scalars.

ANSWER: **vectors**

033-09-2-15107

8. One ruler during this war disappeared after the Battle of White Mountain. One portion of this conflict was not ended until eleven years after the main peace in the Treaty of the Pyrenees. This war featured the general Albrecht von Wallenstein. One phase of this war involved an invasion by the Swedes under Gustavus Adolphus. This war was started shortly after the second Defenestration of Prague. For 10 points, name this war that reaffirmed the earlier Peace of Augsburg through its Peace of Westphalia, in which fighting lasted from 1618 to 1648.

ANSWER: **Thirty Years'** War

023-09-2-15108

9. One work of this type has no violins in the orchestra other than a soloist in the "Sanctus" movement. That work by Gabriel Faure [for-AY] includes the non-standard "Pie Jesu" [PEE-yay YAY-soo] movement for soprano soloist. One work of this type was commissioned by Count Walsegg [VAWL-sayg] and has sections like the "Lacrymosa" [LAH-cree-mow-suh] and "Offertorium" that were completed by Franz Sussmayr. [SOOS-my-er] Verdi wrote one of these for Allesandro Manzoni. Mozart died before he could complete his version of this Roman Catholic rite. For 10 points, name this variant on the mass, meant to revere the dead.

ANSWER: **Requiem** Mass

036-09-2-15109

10. One novel by this author describes the investigation into the Vicario brothers' murder of Santiago Nasar and is titled *Chronicle of a Death Foretold*. Another novel by this author of *The Autumn of the Patriarch* sees a strike at a banana plantation followed by a five-year rainfall, which brings about the decline of the village of Macondo. For 10 points, name this Colombian magical realist author who wrote about Fermina Daza's marriage to Juvenal Urbino in *Love in the Time of Cholera*, and who created the Buendia family in *One Hundred Years of Solitude*.

ANSWER: Gabriel **Garcia Marquez**

025-09-2-15110

11. The outer surface of these structures are covered in a material that contains amelogenins (AM-uh-lo-JEN-ins) instead of collagens. Another part of these structures is covered by cementum (see-MEN-tum); that part is the root, whose central part is the pulp. The primary type of these structures are typically lost starting around age six. Enamel covers the upper surface of, for 10 points, what structures used to chew food?

ANSWER: **teeth**

003-09-2-15111

12. Although it is not Sparta, the ancestors of this city's aristocratic families were known as the Sparti. Amphion and Zethus built the walls of this city, which was named after the wife of Zethus. One queen of this city blinded herself after realizing she had married her son; that son had solved the riddle of the Sphinx to become king of the city. One son of Jocasta and Oedipus (EH-duh-pus), Polynices (PO-lee-NEE-sez), recruited six other heroes to help him regain the throne of this city from his brother Eteocles. For 10 points, name this city in Boeotia (be-O-sha) against which seven fought.

ANSWER: **Thebes**

003-09-2-15112

13. One of the characters of this work wishes for a copy of the tales *Undine and Sintram*, and that character wrote a play called "The Witch's Curse." Another character in this work gets punished for bringing pickled limes to school, and Annie Moffat is a friend of one of the characters. Frederick Bhaer ultimately marries one of the title characters, who is a daughter of Marmee March. For 10 points, Meg, Beth, Amy, and Jo are the title characters of what novel by Louisa May Alcott.

ANSWER: **Little Women**

030-09-2-15113

14. The Fujiwhara effect describes how these phenomenon can orbit about each other and sometimes merge. The center of these phenomenon usually exhibit the stadium effect, and these phenomena can also cause water to pile up on coastlines to higher than sea level. The severity of these phenomena is measured on the Saffir-Simpson Scale, and notable features of these occurrences include storm surges and eyes. For 10 points, name these low-pressure storm systems that include ones named Wilma and Katrina.

ANSWER: **Tropical cyclone** [or **hurricane** or **typhoon**]

036-09-2-15114

15. One novel by this author features the murder of the doctor Danvers Carew. The central event of another of this author's novels is perpetrated by the captain of the *Covenant*, Hoseason, at the behest of the unscrupulous uncle Ebenezer. This author wrote the sequel *Catriona* to follow that work about David Balfour, which was entitled *Kidnapped*. In another of this man's novels, Israel Hands attempts to kill Jim Hawkins, who outsmarts Long John Silver's pirates. For 10 points, name this creator of Dr. Jekyll and Mr. Hyde and writer of *Treasure Island*.

ANSWER: Robert Louis Balfour **Stevenson**

019-09-2-15115

1A. In French, what diacritic mark often indicates a lost “s,” as in "l'hôpital," (LOPE-it-all) which means "hospital?"

ANSWER: accent **circumflex**

1B. What sculpture of a goddess of victory with her wings spread out is placed prominently on the Daru staircase at the Louvre?

ANSWER: the **Winged Victory** of Samothrace [or **Nike** of Samothrace]

2A. What sedimentary rock, the crystalline form of calcite, transforms into marble, like the structurally similar dolomite?

ANSWER: **limestone**

2B. What last name is shared by two Japanese baseball players, one the second baseman for Houston Astros, and the other the MVP of the 2009 World Series?

ANSWER: **Matsui**

3A. What figure of speech, which Keats uses in “Ode to a Grecian Urn,” is an address directed to an absent person, inanimate objects, or intangible ideas or qualities?

ANSWER: **apostrophe**

3B. What Italian scientist legendarily whispered "and yet, it moves" after being forced to denounce his claims that the Earth revolves around the Sun in 1632?

ANSWER: **Galileo** Galilei

4A. This is a 10-second calculation question. A blorp is worth eight chorps. If you buy six trinkets at six chorps apiece, but you can only pay with blorps, how many blorps must you pay?

ANSWER: **5** blorps

4B. This is a 10-second calculation question. If the external angles of a regular polygon are all obtuse, calculate the measure of one internal angle of that polygon.

ANSWER: **60** degrees

5A. According to the Stefan-Boltzmann Law, the radiation energy of a blackbody is proportional to the fourth power of what quantity?

ANSWER: the blackbody's **temperature**

5B. What former Fortune 500 company and Dow Jones Industrial Average component filed for Chapter 11 reorganization in July, 2009, and later decided not to sell Opel?

ANSWER: **General Motors** Company

6A. This is a 20-second calculation questions. Find the median of the following numbers: 45, 64, 27, 68, 25, 39, 39, 57.

ANSWER: **42**

6B. This is a 20-second calculation question. Exactly one-eighth of a circle is shaded. If the shaded area is pi over two square inches, find the radius of the circle.

ANSWER: **2** inches

7A. A major landmark in what largest city of Tennessee is an exact replica of the Parthenon?

ANSWER: **Nashville**

7B. What aesthetical quality, contrasted with "the beautiful" in an Edmund Burke treatise, is characterized by the vast, boundless, or terrifying, such as snowy mountain peaks and raging thunder storms?

ANSWER: the **sublime**

8A. What actor, who played the inspiring Mr. Keatings in *Dead Poets Society*, received an Oscar for his role as therapist for the title character in *Good Will Hunting*?

ANSWER: Robin McLaurin **Williams**

8B. What hypothesis of linguistic determinism states that the structure of a language influences the way a speaker perceives the world?

ANSWER: **Sapir-Whorf** Hypothesis

9A. This is a 30-second calculation question. If the digits of a certain two-digit number are reversed, the resulting number is one less than twice the original number. Find the original number.

ANSWER: **37**

9B. This is a 30-second calculation question. If f of x is x cubed minus $2x$ minus 2 and g of x is $4x+2$, find g of f of -1 .

ANSWER: **-2**

10A. California's Proposition 8 and Maine's Proposition 1 both deal with the legal legitimacy of what act?

ANSWER: **same-sex marriage** [accept equivalents; prompt on **marriage**]

10B. What portion of the limbic system, named for its almond shape and located in the temporal lobe, is responsible for emotional reactions and, along with the hippocampus, memory?

ANSWER: **amygdala**

034-09-2-15116

1. This country is home to Cardinal Jaime Sin, who helped lead the People Power Revolution against this nation's government. In one war in this country, Frederick Funston led a counter insurgency that squelched the guerilla leader Emilio Aguinaldo. This country's "Freedom Constitution" was created by Corazon Aquino (uh-KEE-noh) after the fall of the dictator Ferdinand Marcos. Along with Guam, Puerto Rico, and Cuba, this country was gained by the U.S. after the Spanish American War. For 10 points, name this country whose shores witnessed the Battle of Manila Bay.

ANSWER: Republic of the **Philippines** [or Republika ng **Pilipinas**]

015-09-2-15117

2. This element's tetraethyl (TET-ruh-EE-thul) form used to be used as an anti-knock agent in gasoline, and it features with sulfuric acid in car batteries. This element's major ore is its sulfide, galena (guh-LEEN-uh). Discoveries of this element's toxicity largely ended its presence in pipes, though it is still used in radiation shielding, as it has the highest atomic number of any stable element. For 10 points, name this element no longer used in paint, which has symbol Pb.

ANSWER: **lead** [or **Pb** until mentioned]

022-09-2-15118

3. This author wrote a play about a woman who is separated from her lover Simon after the Fat Prince orchestrates a coup. That play includes the judge Azdak, who mistakenly divorces Grusha and her peasant husband. This author of the *Caucasian Chalk Circle* wrote about the siblings Katrin, Eilif, and Swiss Cheese in another play set in the Thirty-Years' War. This author wrote about Jonathan Peachum, the friend of Mack the Knife, in another play. For 10 points, name this German author who collaborated with Kurt Weill on *The Threepenny Opera*.

ANSWER: (Eugen) Bertolt (Friedrich) **Brecht**

020-09-2-15119

4. This politician gave the Seventh of March speech during his last attempt to run for president on the Whig ticket. In response to the Foote Resolution, this man debated with Robert Hayne during the Nullification Crisis. This man argued for his alma mater in *Dartmouth v. Woodward*. This politician negotiated a treaty which resolved the Caroline Affair and Aroostook (uh-ROO-stuk) War with Baron Ashburton in 1842. For 10 points, name this Massachusetts Senator and two-time Secretary of State, who was part of the Great Triumvirate with Henry Clay and John C. Calhoun.

ANSWER: Daniel **Webster**

035-09-2-15120

5. In one film appearance, this character follows a man to the Filet of Soul restaurant, where he meets Mr. Big. In another appearance, this character fights with Red Grant on the Orient Express. In a later film, he defeats Le Chiffre [SHEEF] in a game of Texas Hold Em. For 10 points, name this main character of *From Russia With Love*, *Live and Let Die*, and *Casino Royale*.

ANSWER: James **Bond**

003-09-2-15121

6. An autoimmune disease that affects this organ is called celiac (SEE-lee-ak) disease, and a Meckel's (MECK-ulz) diverticulum (DYE-vur-TICK-you-lum) can occur here at birth. This organ is where Vitamin B₁₂ is absorbed. Food is allowed into this organ, whose first segment absorbs iron, by the pyloric sphincter. For 10 points, name this organ lined by villi, whose three segments are the duodenum, jejunum, and ileum.

ANSWER: **small intestine**

022-09-2-15122

7. This composer wrote tone poems like *The Rock* and *The Isle of the Dead*. This composer inverted the notes of another composer's twenty-fourth caprice to write the eighteenth variation of a work for piano and orchestra. A, G-sharp, and C-sharp triple octaves begin this composer's Prelude in C-sharp minor, which is nicknamed "The Bells of Moscow." One of this man's works is a choral symphony based on Poe's "The Bells." For 10 points, name this late Russian Romantic who composed *Rhapsody on a Theme by Paganini*.

ANSWER: Sergei Vasilievich **Rachmaninoff**

036-09-2-15123

8. To save bandwidth, some versions of these objects make use of a technique in which all odd lines, then all even lines, are traced. That technique is called interlacing. Most Windows NT-based operating systems use a setting of 60 hertz as the default refresh rate for these pieces of hardware. Older examples of them can suffer from phosphor burn-in, while newer versions can suffer from dead or stuck pixels. For 10 points, identify these pieces of computer hardware, which are now less likely to use CRTs than LCDs, and which are used to display images.

ANSWER: computer **monitors** [accept **cathode ray tubes** or **CRTs** until "pixels"]

029-09-2-15124

9. This battle included the sinking of the *Indefatigable* and *Queen Mary*. This battle is also known as the Battle of the Skagerrak (SKAH-gur-ak). One of the commanders at this battle was David Beatty. Beatty, along with John Jellicoe, faced the forces Germany's Reinhard Scheer, and this battle allowed the British to keep control of the North Sea. For 10 points, name this principal naval battle of World War I.

ANSWER: **Jutland** [or **Skagerrak** before mentioned]

030-09-2-15125

10. This substance displays a Bennett pinch and will often obey the Carlqvist relation, and transverse ion waves named for Alfvén occur in these materials. One special case of z-pinches in these materials is called a Birkeland current. These entities possess net positive layers called Debye sheaths, and an important temperature and density measure of these materials may be obtained by a Langmuir probe. For 10 points, name this phase exhibited by Tesla coils and lightning bolts, a partially ionized gas often considered to be the fourth state of matter.

ANSWER: **plasma**

022-09-2-15126

11. This President signed an Amnesty Act and a Civil Rights Act mandating equal treatment in "public accommodations" that was struck down in the so-called "Civil Rights Cases" by the majority opinion of Justice Bradley. This man adopted the slogan "Let us have peace" in his campaign against Horatio Seymour. This man presided over the Panic of 1873 and the end of Reconstruction. For 10 points, name this president elected after the term of Andrew Johnson, a former Civil War general.

ANSWER: Ulysses S. **Grant** [or Hiram Ulysses **Grant**]

026-09-2-15127

12. Three fortissimo chords open one of this type of composition in C sharp minor, one of the most famous works of Rachmaninoff. One of these in D by Frederic Chopin is nicknamed the "Raindrop," and Chopin wrote one for every major and minor key. J.S. Bach wrote two volumes of *The Well-Tempered Clavier* containing fugues paired with these compositions, and Debussy composed one "to the Afternoon of a Faun." For 10 points, name this type of short composition whose name implies that it precedes another work.

ANSWER: **prelude**

032-09-2-15128

13. Zoroastrians celebrate this occurrence with a ritual handshake called the "hamazor" (hah-MAH-zore) on the day of Noruz (nor-OOZ). In Judaism, a version of this holiday is celebrated for trees on Tu bi-Shevat (TUBE-ish-VAHT). The main Jewish version of this event begins the High Holy Days and involves the eating of apples dipped in honey and the blowing of a "shofar." That Jewish holiday, celebrating this occurrence, is known as Rosh Hashanah (ROWSH hah-SHAH-nah). For 10 points, what is this day which, in the West, comes halfway between the Christian festivals of Christmas and Epiphany?

ANSWER: **New Year's** Day [accept obvious equivalents]

019-09-2-15129

14. In one convention held in this city, the "voice from the sewer" helped nominate Franklin D. Roosevelt for a third term. Abraham Ribicoff (RIH-bi-koff) denounced the "Gestapo tactics on the streets" of this city during another convention. During that convention, the Justice Department arrested a group, including Jerry Rubin and Abbie Hoffman, known as this city's namesake "Seven." For 10 points, name this site of the 1968 Democratic National Convention, where massive protests were met with violence from policemen working for its mayor, Richard J. Daley.

ANSWER: **Chicago**

004-09-2-15130

15. This character has a sister named Alexandra and a brother named Jack, and his wife died of a heart attack when his daughter was two years old. This man shoots a dog named Tim Johnson, living up to his former nickname of "one-shot," and he employs a cook named Calpurnia. This man claims that the withered left arm of one character means that he could not have struck a woman, but he cannot prevent Tom Robinson from being convicted of the rape of Mayella Ewell. For 10 points, name this father of Jem and Scout in Harper Lee's novel *To Kill a Mockingbird*.

ANSWER: **Atticus** Finch [prompt on **Finch**]

024-09-2-15131

1. Organisms of family Cladorhizae (CLAD-o-RIZZ-ay) in this phylum capture and digest small crustaceans, though most other members of this phylum get nutrients by filtering bacteria from seawater. Members of this animal phylum contain a system of canals with numerous entrances and exits, though they do not contain a defined body cavity and thus do not exhibit definite symmetry. For 10 points, name this phylum that contains sponges.

ANSWER: **Porifera** [prompt on **sponge** before mentioned]

003-09-2-15132

2. The splitting of sets of one type of these objects is the subject of ligand field theory, and that type being partially filled defines the properties of the transition metals. The linear combination of these entities can generate molecular ones. By the Pauli Exclusion Principle, these entities can contain at most two electrons. For 10 points, name these mathematical descriptions of the location of electrons in an atom, examples of which include the s, three p ones, and five d ones.

ANSWER: **atomic orbital** [prompt on **orbital**; do not accept or prompt on "molecular orbital"]

022-09-2-15133

3. This man painted a gambler reaching into his back pocket to pull out a club card in his *The Cardsharps*. Jesus's arm is outstretched while dining with three other men in this painter's *The Supper at Emmaus*. This painter used chiaroscuro (CARE-uss-CORE-oh) to depict a man named Levi at a table with four other men collecting taxes while St. Peter and Jesus enter. For 10 points, name this Italian painter of *The Calling of Saint Matthew*.

ANSWER: **Caravaggio** [or Michelangelo **Merisi**]

027-09-2-15134

4. This body of water will lie at the eastern end of the planned Manych Ship Canal. The humid Hyrcanian Forest is a temperate rain forest that lies south of this body of water in the Alborz Mountains. Baku, Azerbaijan lies on a peninsula that juts into this body of water, and the Volga empties into this lake. For 10 points, name this largest lake in the world, which is sandwiched between the Caucasus, Iran, and Russia.

ANSWER: **Caspian Sea**

036-09-2-15135

5. One of this author's poems includes the line "I am the doubter and the doubt." In addition to "Merlin" and "Brahma," this man wrote, "Unmeasure still my Shakespeare sits lone as the blessed Jew." This author stated "beauty is its own excuse for Being" in his poem "The Rhodora." He used the metaphor of the transparent eyeball in his essay *Nature*. For 10 points, name this author of the essay *The Over Soul* and the lecture *The American Scholar* who was also a leader of the American transcendentalist movement.

ANSWER: Ralph Waldo **Emerson**

030-09-2-15136