1. This author wrote a satire of the misogynist mindset in a work in *Corbaccio*, or *The Crow*. Another of his poems was the basis for Chaucer's *The Knight's Tale* and another tells the story of Trolio and Creseida. This author of *Teseida* and *Il Filostrato* is better known for a set of stories, including that of the Patient Griselda, told by ten people fleeing the plague. For 15 points, name this medieval Italian author of the *Decameron*.
ANSWER: Giovanni **Boccaccio**

040-13-104-23101

One writes expressions for this quantity in mesh analysis. This quantity is measured in a circuit by using a device hooked up in series that has negligible internal resistance. This quantity divided by cross-sectional area gives its namesake density, symbolized J. Conventionally, its direction is defined as the flow of positive charge. Power dissipated across a resistor is equal to voltage times this quantity. For 15 points, identify this quantity measured in amperes.
ANSWER: **current** [do not accept "current density"]

226-13-104-2310-11

2. Coenzyme Q is reduced in one step of this process. In one organelle, this process converts NADH back to NAD+, and oxygen is converted into water. This system sets up a proton gradient, which forms the energy that allows ATP synthase to create ATP. For 15 points, name this system found in chloroplasts and mitochondria, where a chemical gradient is established through the transfer of certain negatively charged particles.
ANSWER: **electron transport chain** [or **ETC**]

140-13-104-23102

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 15 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]

020-13-104-2310-11

3. This man presently collaborates with Nigel Shadbotl (SHAD-bot-ul) on a British government project to open government-acquired data to public perusal. Both of this man's parents helped operate the Ferranti Mark 1, the first privately built computer. This scientist created the ENQUIRE system to demonstrate possible uses for hypertext, and on his later stint with CERN, he made the first client-server connection over HTTP in November 1989. For 15 points, name this British computer scientist who invented the World Wide Web.
ANSWER: Tim **Berners-Lee**

019-13-104-23103

The speaker of this poem speculates about an "unhappy master whom unmerciful Disaster followed fast and followed faster." It is set in a room in which "each separate dying ember wrought its ghost upon the floor." After a tapping at the chamber door, the title character of this poem enters and perches on a "pallid bust of Pallas," reminding the speaker of his lost love Lenore. For 15 points, name this Edgar Allen Poe poem about a black bird which only says "Nevermore."
ANSWER: "The **Raven**"

4. This constant is the basis for derivation of the Johnson-Nyquist noise. It's not the ideal gas constant, but the product of this constant and temperature is divided by Planck's constant in the Eyring equation. For a gas, the average kinetic energy is three-halves times temperature times this constant. In an equation on its namesake's tombstone, this quantity multiplies the logarithm of the microcanonical partition function to give entropy. For 15 points, name this constant equal to the ideal gas constant over Avogadro's number, denoted "k sub b."
ANSWER: **Boltzmann**'s constant [prompt on **1.3**8 **times ten to the power of negative 23**]

A character is this novel is predicted to die when he sees two strange hearses. An old schoolmaster and "sub-sub-librarian" supposedly compiled the section "Etymology and Extracts," which give translations of and quotations about the title animal. A man nails a gold piece to a beam and promises it to the first man to see that animal will receive the coin. The narrator is the only survivor of the *Pequod,* and opens this novel with "Call me Ishmael." For 15 points, name this Herman Melville novel about Ahab's search for the white whale.
ANSWER: *__Moby Dick,__* **or, the White Whale**

5. The protagonist of this book is asked for cheese when he first meets another character. That protagonist is forced to kill the villainous Israel Hands. This novel begins at a tavern where blind Pew gives Billy Bones the "black spot." A supporting character in this book is the marooned Ben Gunn. The protagonist is youthful Jim Hawkins, who joins a crew to discover the treasure of Captain Flint. For 15 points, name this Robert Louis Stevenson novel about pirates like Long John Silver.
ANSWER: *__Treasure Island__*

This is the order of the smallest non-abelian group. This is the smallest number n greater than one which divides n minus one factorial. The densest way to pack circles in a plane is to have each of them touch this many other circles. The dual polyhedron of the cube has this many vertices, and this is the smallest perfect number. This is the number of permutations of 3 elements, because it equals 3-factorial. For 15 points, give this number of faces of a cube and sides of a hexagon!
ANSWER: **6**

6. A novel by this man tells the story of Joel Knox discovering his homosexuality while growing up in Louisiana. In addition to writing *Other Voices, Other Rooms*, this man described Alvin Dewey's tracking of Perry Smith and Eugene Hickock for the murder of the Clutter family in another work. For 15 points, name this author who created Holly Golightly, the author of *In Cold Blood* and *Breakfast at Tiffany's* who was the basis for Dill in *To Kill a Mockingbird*.
ANSWER: Truman **Capote**

The derivative of this quantity with respect to time gives the current. Flux through a Gaussian surface can be found by totalling the amount of this quantity it encloses. A particle moving orthogonal to a magnetic field will only be affected if it has a non-zero value for this quantity. Pith balls are often used to demonstrate attraction or repulsion due to this quantity. For 15 points, identify this quantity measured in Coulombs, which comes in positive and negative varieties.
ANSWER: electric **charge**

7. One character in this novel makes a list of "feathers in his cap" and "black eyes" in his quest to become a general. That character in this work is Colonel Cathcart. Milo Minderbender bombs his own comrades-in-arms in this novel, whose title conundrum is that people who claim to be insane in order to avoid flying missions must actually be sane. For 15 points, name this novel about Yossarian's inability to leave the military during World War II, a work by Joseph Heller.
ANSWER: *Catch-22*

This character promises to help Prue stop drinking, but he learns that she has died a few days later. George gives this man a dollar to wear around his neck. This husband of Chloe rescues Eva St. Clare from drowning, and she, in turn, rescues him from Mr. Haley. After he refuses to reveal the whereabouts of Emmeline and Cassy, who have run away, this character is beaten to death by Simon Legree. For 15 points, name this slave, the title character of a novel by Harriet Beecher Stowe.
ANSWER: Uncle **Tom**

8. The membranes of these organisms contain a glycerol-ether bond. Some of these organisms contribute to marsh gas; those are known as methanogens. The cell walls of these organisms contain pseudopeptidoglycan. A common misconception is that these organisms are extremophiles. For 15 points, name this domain of single-celled organisms, which were once misclassified as bacteria.
ANSWER: **Archaea** [or **archaebacteria**]

This play ends with an epilogue in which the main character appeals to both men and women to like the play. The main character of this play flees to the Forest of Arden, where she disguises herself as Ganymede. This play ends with the marriage of Orlando and Rosalinde, and includes a speech that contains the line "all the men and women are merely players." For 15 points, name this comedy by Shakespeare, which includes the line "All the world's a stage."
ANSWER: *As You Like It*

9. Burgess Meredith portrayed this man in a 1960s televised series. He is at times aided by the Kabuki Twins and is the owner of the Iceberg Lounge. In a 1992 appearance, this man runs the Red Triangle gang, plans to kidnap all the first born children, and reveals his real name to be Oswald Cobblepot. Portrayed on the big screen by Danny DeVito, this man possesses an umbrella that can function as a helicopter or a machine gun. For 15 points, name this Batman villain who looks like an aquatic bird.
ANSWER: The **Penguin** [or **Oswald** Chesterfield Cobblepot; or Oswald Chesterfield **Cobblepot**]

BONUS: What theorem states that for any integer n greater than 2, no three integers can satisfy the equation a to the n plus b to the n equals c to the n?
ANSWER: **Fermat's last** theorem

10. This game won the 2009 Spiel des Jahres award for its designer Donald X. Vaccarino. Each turn consists of three phases often abbreviated ABC: Action, Buy and Cleanup. The basic types of cards used are Action, Reaction, Curse, Treasure and Victory. Members of the last category include Duchies and Provinces, with Colonies in the Prosperity expansion. For 15 points, name the card game in which players buy victory points after starting with 3 estate and 7 copper cards.
ANSWER: **Dominion**

BONUS: What happened to Jaroslav Borzita of Martinitz and Vilem Slavata in Prague in 1618, thus beginning the Thirty Years' War?
ANSWER: they were **defenestrated** [or they were **kicked out of a window**; or they were **kicked out** of the Bohemian Chancellory; or they **fell** into horse manure; or same-knowledge equivalents]

11. A current man to hold this position said he was once the victim of a "high-tech lynching for uppity blacks." That former Education Department official almost failed to earn this position after being accused of sexual harassment by Anita Hill. Robert Bork's nomination to this position failed during the Reagan presidency. For 15 points, name this position whose first female occupant was Sandra Day O'Connor, and which is currently held by men like Clarence Thomas.
ANSWER: **Supreme Court Justice** [prompt on **judge**, do not accept "Chief Justice"]

In this novel, a dispute between a wife's brothers and husband is settled by the egwugwu, one of whom is played by the protagonist. In this novel, Mr. Brown is allowed to build a church in the "Evil Forest," although that church is burned down after Rev. Smith takes over. The protagonist of this novel is exiled after he violates the "Week of Peace," and helps kill his foster son Ikemefuna. This novel is about the Igbo people in Nigeria. For 15 points, name this novel about Okonkwo written by Chinua Achebe.
ANSWER: *Things Fall Apart*

12. This author wrote a book whose title character collects fingerprints and uncovers a mystery involving a servant named Chambers and Tom Driscoll being switched at birth. In another of this man's novels, a character uses the Great Seal of England to crack nuts. He wrote a novel in which peasant boy Tom Canty switches places with a son of King Henry VIII. For 15 points, name this author of *Pudd'nhead Wilson* and *The Prince and the Pauper*.
ANSWER: Mark **Twain** [or Samuel Langhorne **Clemens**]

This man's most famous concept came from a loophole in Goldstone's theorem, and was a consequence of the broken symmetry present in electroweak theory. This man teamed with Francois Englert and others to elucidate a mechanism by which a field interacts with particles to give them mass. That theory was validated in the CMS and ATLAS experiments, which revealed the existence of a new particle around 126 GeV, resulting in a 2013 Nobel for this man. For 15 points, name this physicist whose boson is often referred to as the "God particle" by the media.
ANSWER: Peter **Higgs**

13. A character in this play notes that, "no woman should ever be quite accurate about her age. It looks so calculating." Dr. Chasuble schedules two christenings, on the same day, for two men wishing to acquire the same name, but is stopped when Miss Prism explains about the handbag she'd left at Victoria Station years before. Therefore, Cecily and Gwendolen can marry Jack and Algernon, who are really brothers. For 15 points, name this comedy written by Oscar Wilde.
ANSWER: The _**Importance of Being Earnest**_

BONUS: What name is given to the heterogeneous sediment deposited by glaciers that covers structures like moraines?
ANSWER: **till**

14. This composer's Symphony Number 4 in D minor opens with a fast movement marked _Lebhaft_ (LAYB-hoft). This composer was confined to an asylum after throwing himself into the Rhine in a failed suicide attempt brought on by syphilis. This composer included "Traumerei" (TROW-mer-ai) in a set of piano pieces called "Scenes from Childhood." This composer's first symphony is nicknamed the "Rhenish." For 15 points, name this German composer who wrote a number of famous pieces for his wife, Clara Wieck.
ANSWER: Robert **Schumann**

BONUS: What type of star, which is composed of electron-degenerate matter, has an upper mass bound described by the Chandrasekhar (chohn-druh-shay-KAR) limit?
ANSWER: **white dwarf**s

15. One of Edvard Munch's self-portraits depicts the painter between a bed and one of these objects. A black one sits above a train emerging from a fireplace in a Magritte painting, and another painting that features these objects shows a creature with one giant closed eye. For 15 points, name this object, several of which are shown melting in Dali's _The Persistence of Memory._
ANSWER: **clock**s

This profession is taken up by a vacuum cleaner salesman named James Wormold in Graham Greene's novel _Our Man in Havana._ The unassertive Mr. Verloc is the title character with this profession in a novel by Joseph Conrad. Another character with this profession was created by Ian Fleming. For 15 points, name this profession of James Bond.
ANSWER: **spy** [or **secret agent**; or obvious equivalents]

16. This party's views were explained in the Tamworth Manifesto, and it was the target of the Midlothian campaign. A leader of this party split his party by repealing the Corn Laws and earlier founded the London Metropolitan Police Force. During the late 1800's, a leader of it was the main rival of William Gladstone. This party is also known as the "Tory Party." For 15 points, name this British political party of Robert Peel and Benjamin Disraeli, which opposed the Liberal Party.
ANSWER: **Conservative** and Unionist Party of the United Kingdom [or **Tory** until mentioned]

In this state, hanging chads and butterfly ballots caused trouble in a Presidential election. This state has the oldest, continuously inhabited settlement in America. Three wars were fought by US troops in this state against the Seminoles. This state home to St. Augustine had its electoral votes go to the Republican candidate after a Supreme Court ruling. For 15 points, name this southern state whose electoral votes were the difference in George W. Bush beating Al Gore in the 2000 election.
ANSWER: **Florida**

17. This poet eulogized his friend Arthur Hugh Clough in "Thyrsis" and proclaimed "Go, for they call you, Shepherd, from the hill" in "The Scholar-Gypsy." A more famous poem by this poet describes the "eternal note of sadness" heard on the Aegean by Sophocles. That poem by this man is set on a "darkling plain" where "ignorant armies clash by night" and begins by stating that "the sea is calm tonight." For 15 points, name this poet of "Dover Beach."
ANSWER: Matthew **Arnold**

This five-word question titles a children's book illustrated by Svein Nyhus. According to ethologists, correct answers to this question include a rattling noise known as "gekkering," a "trisyllabic greeting warble," and a "ululating siren-like shriek." Less scientific answers posited for this question include "Ring-ding-ding-ding-dingeringeding," "Wa-pa-pa-pa-pa-pa-pow," and "Joff-tchoff-tchoff-tchoffo-tchoffo-tchoff." For 15 points, what is this question about animal vocalization which introduces the chorus of a 2013 YouTube hit from satirical electronic band Ylvis (ILL-viss)?
ANSWER: "**What does the fox say?**"

18. Patients that have alkaptonuria excrete urine with this color. Manganese dioxide and silver sulfide are both this color. Rapidly water-cooled rhyolitic flows form a glass with this color. An astronomical object named for this color can be described by charge, mass, and spin according to the no-hair theorem. The gravity of that object is impossible to escape at sub-luminal speeds within the event horizon. For 15 points, identify this color which absorbs all light that shines upon it, unlike white.
ANSWER: **black** [or **black** holes; or **black** urine disease]

BONUS: What branch of mathematics studies systems which are very sensitive to their starting conditions, like a double pendulum?
ANSWER: **chaos** theory

19. This thinker wrote the book *Liber Abaci*, which helped spread the use of Arabic numerals to Europe, referring to it as the Modus Indorum. In the same book, this mathematician introduced a solution that addressed the growth in population of rabbits; that solution is a series of numbers that approaches the golden ratio as it progresses. For 15 points, name this Italian mathematician, best known for his namesake sequence of numbers starting 1, 1, 2, 3, 5.
ANSWER: Leonardo **Fibonacci** [or **Leonardo of Pisa**; or Leonardo **Pisano**; or Leonard Pisano **Bigollo**; or Leonardo **Bonacci**]

One can calculate the total change in this quantity for a reaction by subtracting the standard heats of formation of the products from that of the reactants. This quantity minus temperature times entropy gives Gibbs free energy. The order in which processes occur do not affect the total change in this state function, according to Hess's Law. This quantity equals the internal energy plus pressure times volume. For 15 points, identify this thermodynamic quantity symbolized H.
ANSWER: **enthalpy**

20. At the beginning of this novel, the narrator refers to the handful of "stretchers" in one of the author's previous novels. The protagonists of this novel meet two con artists who put on the play *The Royal Nonesuch* and call themselves the Duke and the Dauphin. The title character of this novel floats down the Mississippi on a raft with the escaped slave Jim. For 15 points, name this novel about a friend of Tom Sawyer written by Mark Twain.
ANSWER: *The Adventures of **Huckleberry Finn***

This goddess pulled a handful of hair out of the chest of Brontes after he placed her on his knee. This goddess killed the giants Otus and Ephialtes by tricking them into throwing a spear at each other. This goddess sent a boar to rampage through Calydon. Actaeon was transformed into a stag after he witnessed her bathing in a stream, and Leto gave birth to this goddess on Delos with her brother. For 15 points, name this Greco-Roman goddess of the moon and the twin sister of Apollo.
ANSWER: **Artemis** [or **Diana**]

21. In HTML, a tag using an exclamation point, followed by several hyphens, serves this purpose. Docstrings serve the same purpose as this type of text. In C++, text serving this purpose is set off by a slash and an asterisk. A common debugging technique is doing this "out" to an line of code to determine what is causing the error, as compilers do not attempt to run this code. For 15 points, name these fragments of code often used as notes by programmers.
ANSWER: **comment**s [or **commenting**]

Although not the spleen, these structures contain Malphigian corpuscles. This structure is affected by the hormone aldosterone. The peritubular capillaries surround parts of this structure, which includes the proximal and distal convoluted tubules. This unit, which contains the glomerulus and the loop of Henle, filters the blood and removes waste, which becomes urine. For 15 points, name the functional unit of the kidney.
ANSWER: **nephron** [prompt on **kidney**]

22. This artist painted the interior of a building with a green roof and red walls, inside which a waiter stands next to a billiards table. The time this artist spent in Arles led to paintings such as *The Yellow House*. This artist painted a landscape dominated by large swirls in the center and a cypress tree on the left, both overlooking Saint-Remy. This artist of *The Night Cafe* depicted himself with a bandaged ear in his late self-portraits. For 15 points, name this post-Impressionist artist of *Starry Night.*
ANSWER: Vincent **van Gogh**

BONUS: Giuseppe Peano put forth a number of of what things, synonymous with postulates, from which all other mathematical results can be derived?
ANSWER: **axiom**s

23. Upon the donation of this opera's libretto to the Parma Museum, it was discovered that there was a "missing act" the composer hadn't used. At the beginning of this opera, the main characters burn a manuscript to keep warm. The most famous aria from this opera, "Quando me'n vo'," is a waltz sung by Musetta to make Marcello jealous. At the end of this opera, tuberculosis claims the life of Mimi, who dies in Rodolfo's arms. For 15 points, name this Puccini opera set in the Latin Quarter of Paris.
ANSWER: La *boheme* [or The *Bohemians*]

In an opera by this composer, Queen Tye joins the title character and his wife at the Window of Public Appearances. The phrase "Bank robbery is punishable by twenty years in federal prison" is repeated in another of his operas, whose libretto employs solfege symbols. That opera by him includes the section "I Feel the Earth Move" and has its acts separated by Knee Plays. For 15 points, name this minimalist composer of *Satyagraha*, *Akhenaten*, and *Einstein on the Beach*.
ANSWER: Philip **Glass**

24. The sixth holder of this office was prophesied to take power after his mother saw a ring of flames around his head. Another of these people sent the Horatii brothers to duel the Curiatii (COO-ree-AH-tee-ee) to resolve a war with Alba Longa. The seventh and last of these people was overthrown by Lucius Junius Brutus after his son committed the rape of Lucretia. For 15 points, identify this office held by seven legendary men, the first of whom was Remus's twin Romulus.
ANSWER: **King**s of **Rome** [or **Roman kings**, etc.; prompt on partial answer]

BONUS: What Nazi official organized the logistical aspects of the Holocaust, was captured by Israeli agents in Argentina, and was executed in Jerusalem following a 1961 trial?
ANSWER: Karl Adolf **Eichmann**

25. At one point in the work in which he appears, this character recalls his childhood admiration for a certain timpanist. Earlier, he tells another character that he has just had an operation on his clavichord, and he tells Mrs. Morrow that he has a brain tumor using the alias "Rudolf Schmidt." He meets up with Carl Luce, talks about *Romeo and Juliet* with a nun, and has a conversation with Phoebe after being expelled from Pencey. For 15 points, name this narrator of *The Catcher in the Rye*.
ANSWER: **Holden** Caulfield [or **H**olden **Caulfield**; prompt on **Caulfield**]

At the end of this novella, the narrator's "indistinct and silent" demeanor is compared to "the pose of a meditating Buddha." This novella begins with a description of a "cruising yawl" called the *Nellie* on the Thames. One character in this novella lies to a woman by telling her that the final words of a dead man were her name, when they were in fact "The Horror! The Horror!" For 15 points, identify this novella about an ivory trader named Kurtz and a man named Marlow in the Belgian Congo, a work by Joseph Conrad.
ANSWER: *Heart of Darkness*

26. This country's Dynamo Stadium has been the locus of protests, and several unofficial gangs known as "titushki" have attacked political opponents here. The Pravy Sektor is an extreme nationalist group in this country that opposes closer ties with Europe. Government restrictions on demonstrations in this country have been defied with mass demonstrations in the Maidan (my-DON). This country's prime minister is Mykola Azarov, and its current president is Viktor Yanukovych. For 15 points, name this country that has seen mass protests in its capital city of Kiev.
ANSWER: **Ukraine**

In a poem, this man describes a "delicate monster" who "dreams of the gallows in the haze of the hookah." T. S. Eliot's "The Waste Land" references this poet's line about a "hypocritical reader, my likeness, my brother!" This poet is perhaps best known for a work containing sections such as "Wine" and "Spleen and Ideal," which influenced the Symbolists. For 15 points, identify this French poet who wrote *Les Fleurs du Mal.*
ANSWER: Charles **Baudelaire**

27. This philosophical school was referred to as a "new name for some old ways of thinking" in a book written by the author of "What is an Emotion?" Many proponents of it were members of the Metaphysical Club. Texts written by proponents of this school include "How to Make Our Ideas Clear," *The Varieties of Religious Experience,* and *Democracy and Education*. For 15 points, name this philosophical school practiced by Charles Sanders Peirce (PURSE), William James, and John Dewey, which values practical action.
ANSWER: **pragmatism**

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