1. He argued that emotions arise from bodily responses to stimuli, such as sweaty palms, and separated the question of the legitimacy of a belief from the sanity of its proponents in *The Varieties of Religious Experience*. He developed the "stream of consciousness" concept in one work, and another discusses a man and a squirrel going around a tree trunk, and is subtitled "A New Name for Some Old Ways of Thinking." For 10 points, identify this psychologist and philosopher, the author of *Principles of Psychology*, in addition to *Pragmatism*.
ANSWER: William **James**

This author of *Coral Gardens and Their Magic* discussed discussed the Trobriand islanders' system of Kula ring exchange in a better-known work. For 10 points each:
[10] Identify this Polish-born anthropologist, the author of *Argonauts of the Western Pacific*.
ANSWER: Bronislav **Malinowski**
[10] This concept is studied along with Science and Religion in a Malinowksi work. In a work about the Azande people by Evans-Pritchard, it is studied along with Oracles and Witchcraft.
ANSWER: **Magic**

2. This man was parodied as a bobcat in the political comic strip Pogo, which adapted his trademark phrase "let me finish, let me finish." Joseph Welch denounced him on television, four years after he had told the Women's Republican Club in Wheeling, West Virginia that he had a list of 205 names of members of the State Department. With the assistance of lawyer Roy Cohn, this Senator led hearings designed to find subversive activity. For 10 points, name this leader of an early 1950s hunt for Communist spies.
ANSWER: Joseph Raymond **McCarthy**

According to the 24th Amendment to the United States Constitution, the right to vote cannot be denied by failure to pay it. For 10 points each:
[10] Name this type of tax, the increase of which led to the Peasants' Revolt in 1381.
ANSWER: **poll** tax
[10] This man reigned as King of England during the Peasant's Revolt. Later on, his supporters were defeated at the Battle of Radcot Bridge, and his entire Court was convicted of treason by the Merciless Parliament.
ANSWER: **Richard II** [prompt on "Richard"]

3. Its standard version only provides the volatile keyword to support multithreading, and operations may only be carried out on arrays by using templates. This language sets the default namespace with the using keyword. It allows inheritance from multiple base classes, unlike Java, and it implements references by a postfixed ampersand and pointers by a prefixed asterisk. For 10 points, identify this common programming language whose object oriented extension is denoted using its own increment operator, this "plus plus."
ANSWER: **C**

The skeletal type is striated and voluntary. For 10 points each:
[10] Name this contractile tissue, other types of which include smooth and cardiac.
ANSWER: **muscle**
[10] Each muscle cell is composed of these units, whose boundary is the Z-line. Muscle contraction is a result of these segments shortening.
ANSWER: **sarcomere**

4. One incident in this book describes the repulsion of the Amalekites by holding a staff aloft. This book contains the identification of God as "I am what I am," the appearance of *manna*, the incident of the Golden Calf and the Ten Commandments, and the story that inspired the eating of matzah during Passover, in which the Israelites are unable to finish leavening their bread. For 10 points, name this book describing departure of the Israelites from Egypt, the second book of the Old Testament.
ANSWER: Book of **Exodus**

This pragmatist focused his efforts on educational reform and founded the laboratory schools of Chicago. For 10 points each:
[10] Name this author of *The Quest for Certainty* and *Democracy and Education*.
ANSWER: John **Dewey**
[10] This other American philosopher formulated the concept of the "veil of ignorance" in his attempt to formulate an ideal society in his book *A Theory of Justice*.
ANSWER: John **Rawls**

5. This composer contributed to a Robert Wilson project subtitled "a tree is best measured when it is down." In one of his operas, the Civil Guard attacks the title characters in an adaptation of Coatzee's *Waiting For the Barbarians*, and another of his operas involves Tagore, Martin Luther King, and Leo Tolstoy watching over Gandhi in South Africa. One of his operas shows the rise and fall of the first monotheistic pharaoh, while another opera involves knee-plays separating tableaux of the title physicist. For 10 points, name this composer of *Satyagraha*, *Akhnaten*, and *Einstein on the Beach*.
ANSWER: Phillip **Glass**

This group dissolved after the deaths of August Macke and Franz Marc, the latter of whom painted *The Yellow Cow*. For 10 points each:
[10] Name this German Expressionist art movement founded in Munich in 1911.
ANSWER: The **Blue Rider** [or Der **Blaue Reiter**]
[10] A painting by this Russian-born member was the inspiration for the Blue Rider group name.
ANSWER: Wassily **Kandinsky**

6. Interleukin-4 builds up in mice treated with high levels of this substance, which citrus plants have the ability to break down in a self-defense mechanism. Two forms of it comprise the different zones of the *Buccinum* radula, and along with proteins and toxins, it makes up the beaks of cephalopods. Two N-glucosamine units repeat to form chains of it, and when encrusted in calcium carbonate, it forms the arthropod exoskeleton. For 10 points, name this polymer that differs from cellulose by one acetylamine group.
ANSWER: **chitin**

This element is the first for which there is no oxidation state equal to the total number of valence-shell electrons. For 10 points each:
[10] Name this element, whose major ores include hematite, magnetite, and limonite.
ANSWER: **iron**
[10] Iron is the namesake of this property, that occurs when all species in the domain are aligned in the same direction. This type of magnetism disappears above the Curie temperature.
ANSWER: **ferromagnet**ism

7. He wrote about a servant shot after crossing the Yahi River in his *The Exception and the Rule*. Another work by this author sees Michael awarded to Grusha after he sits in the title locale, while another includes the characters Kattrin, Eilif, and Swiss Cheese. The author of *The Caucasian Chalk Circle*, for 10 points, name this German playwright who collaborated with Kurt Weill on *The Threepenny Opera* and wrote *Mother Courage and her Children*.
ANSWER: Bertolt **Brecht**

Written in heroic couplets, it tells the story of a revolt against King David. For 10 points each:
[10] Name this 1681 satire whose title characters represent the Duke of Monmouth and the Earl of Shaftesbury.
ANSWER: ***Absalom and Achitophel***
[10] *Absalom and Achitophel*was was written by this English poet. His other works include *MacFlecknoe*and and an adaptation of the Caesar and Cleopatra story, *All for Love*.
ANSWER: John **Dryden**

8. Courtney Hicks Hodges held the northern lines during this battle, and Josef Dietrich was sent to prison for ten years for his actions during it. Walther Model planned its Operations Currency and Baseplate, and the 101st Airborne Division held Bastogne throughout it. General Patton gave his famed "weather prayer" during this battle in hopes of receiving air support, and General Anthony McAuliffe replied to Gerd von Rundstedt's demands for surrender with the exclamation "Nuts!" For 10 points name this last major German offensive of World War II.
ANSWER: Battle of the **Bulge** [or Battle of the **Ardennes**]

Name these Tsars of Russia, for 10 points each.
[10] Mikhail Speransky was a close advisor to this Romanov, who commanded troops with Francis II against Napoleon Bonaparte at the Battle of Austerlitz.
ANSWER: **Alexander I** [prompt on "Alexander"]
[10] Alexander I was the son of this Tsar who sent Alexander Suvorov to fight Napoleon in Italy, and was assassinated in a plot by Count von Bennigsen and Nikita Panin.
ANSWER: **Paul** of Russia [or Pavel Petrovich]

Arts
Current Events
Geography
History
Literature
Math Calculation
Philosophy
Social Science

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9. This river receives water from Lake Mweru, and reaches into the sea at Muanda after flowing through the cities of Mbandaka, Boma and Matadi. The creator of the Malebo Pool, this waterway creates the Boyoma and Livingstone Falls, and receives the tributaries of the Chambeshi, Lualaba and Ubangi rivers. For 10 points, identify this second longest river in Africa, the namesake of the nations with capital at Kinshasa and Brazzaville.
ANSWER: **Congo** River [or **Zaire** River]

10. This author wrote about Prophet Samuel and the regulars of Memphis Lee's restaurant in *Two Trains Running*, and Toledo is stabbed by Levee, a jazz trumpeter in *Ma Rainey's Black Bottom*. One of his plays centers on Berniece and Sutter's ghost thwarting Boy Willie's attempts to buy land by selling the titular musical instrument, while another features a man who believes he is the angel Gabriel and his brother, failed baseball player and current garbage man Troy Maxson. For 10 points, name this author whose Pittsburgh Cycle includes *The Piano Lesson* and *Fences*.
ANSWER: August **Wilson**

11. A national hero of this country was biographed by Marin Barleti, and was known as the dragon of this place for his battles against the Hungarians and the Ottomans. Three hundred years after Skanderbeg, one leader from this place accepted Italian intervention in the 1930s only to be invaded by Mussolini in 1939. After the Italian replacement of King Zog, this country was ruled for forty years by Enver Hoxha. For 10 points, name this country that borders Greece and Macedonia, and has its capital at Tirana.
ANSWER: Republic of **Albania**

12. One of his early works depicts an eleven foot long she-wolf entitled *Romulus and Remus*, and he provided illustrations of prizefights and circuses to the *National Police Gazette*. One of his works incorporated a stream of mercury falling on a plate, and another uses white triangles entitled *Ghost*. Along with the *Mercury Fountain*, his *Flamingo* is a red statue, while another work has black shapes connected to an ovoid made of wires, which hangs from a ceiling. For 10 points, name this creator of *Lobster Trap and Fish Tail*, the developer of both stabiles and mobiles.
ANSWER: Alexander Sterling **Calder**

13. One quantity named for him is equal to h-bar times the charge of an electron divided by two times the mass of an electron. Another quantity named for him times three halves is the expectation value for the distance of an electron from the nucleus. That quantity is approximately equal to 0.529 angstroms and is known as his namesake radius. His most famous contribution arose from his assumption that the angular momentum of electrons is quantized. For 10 points, identify this Danish scientist best known for his namesake model of the hydrogen atom.

ANSWER: Niels **Bohr**

14. Andy Gill produced their first album, which included the song "True Men Don't Kill Coyotes." One of their songs, "Good Time Boys," ends with the repeating word "Rockinfreakapotamus," and was released after the death of their guitarist Hillel Slovak. One song by this group from "Blood Sugar Sex Magik" contains the lyrics "At least I have her love / The city who loves me / Lonely as I am / Together we cry." Anthony Kiedis and Michael Balzary, who is better known as Flea, is an original member of, for 10 points, what band whose songs include "Under the Bridge" and "Dani California."

ANSWER: the **Red Hot Chili Peppers**

Arts
His most famous work is located at Dartmouth College and includes the sections *Ancient Human Sacrifice* and *The Departure of Quetzalcoatl*. For 15 points, name this Mexican muralist who created *The Epic of American Civilization*.
ANSWER: José Clemente **Orozco**

Current Events
Indian Finance Minister Kamal Nath protested against agriculture subsidies in developed countries at the most recent of these talks. For 15 points, name these WTO talks on trade and development named after the capital of Qatar.
ANSWER: **Doha** Development Round

Geography
They were the only British territory to suffer German occupation during World War II, and the capitals of its two bailiwicks are St. Helier and St. Peter Port. For 15 points, name these islands south of the English coast that include Sark, Alderney, Guernsey, and Jersey.
ANSWER: **Channel** Islands

History
One battle here marked the end of the failed "Race to the Sea" flanking maneuvers. For 15 points, name this Belgian site that also saw the first use of poison gas, the breaking of Foch's Grand Offensive, and 650,000 casualties in four separate battles.
ANSWER: **Ypres** [or **Passchendaele**]

Literature
Characters in this work include "I", "You", "He", and "She". For 15 points, name this this novel about a misdiagnosed cancer patient who ventures to the titular location, the best known work of Gao Xingjian.
ANSWER: **Soul Mountain** [or **Lingshan**]

Math Calculation
What is the maximum number of points of intersection possible if 13 lines are drawn on a plane?
ANSWER: **78** [(13*12) / 2]

Philosophy

His saying "to be is to be perceived" summarizes his idea of "immaterialism". For 15 points, name this Irish philosopher of *Three Dialogues between Hylas and Philonous*.

ANSWER: George **Berkeley**

Social Science

His best known work examined "the form and reason for exchanges in archaic societies." For 15 points, name this nephew of Emile Durkheim who wrote *The Gift*.

ANSWER: Marcel **Mauss**

15. The title character writes his own epitaph and is commiserated by the foreigner Hostilius. He holds a great feast where he serves only warm water, and even after his downfall, he rejects the cynical Apemantus. After spending all his money through his rampant generosity, he is abandoned by his friends. While digging for roots, he finds gold, much of which he gives to the general Alcibiades. For 10 points, name this play about a misanthropic citizen of a Greek city state, a work of William Shakespeare.
ANSWER: *__Timon of Athens__*

The Newton-Cotes formulas for performing this operation include Simpson's Rule. For 10 points each:
[10] Name this technique often used to estimate the area under a function.
ANSWER: __numerical integration__ (or __quadrature__; prompt on "integration")
[10] Numerical integration can be performed by taking "sums" named after this German mathematician, also the namesake of a zeta function.
ANSWER: (Georg Friedrich) Bernhard __Riemann__
[10] Another form of Newton-Cotes quadrature is this "rule", in which the namesake shapes are formed with two points on the axis and two points on the curve, and their areas are added.
ANSWER: __trapezoid__al rule [or __trapezium__ rule]

16. They are often characterized by the Z scheme, and one of the first steps is the reduction of plastoquinone. Other minor proteins involved in them include plastocyanin and ferrodoxin. A byproduct of these reactions is NADPH, which is used in a subsequent reaction that may be delayed in space or time, as in C4 and CAM plants. Starting when photons excite photosystem I and photosystem II, for 10 points, name these reactions whose products enter the Calvin Cycle.
ANSWER: __light__ reactions [prompt on __electron transport__ before end of first sentence; do not accept or prompt on "photosynthesis"]

Name these liberal United States Senators who hailed from Minnesota. For 10 points each:
[10] This incumbent Vice-President was nominated to run as the Democratic Party's presidential candidate at the chaotic 1968 national convention.
ANSWER: Hubert __Humphrey__
[10] Known for his opposition to the Vietnam War, this Senator captured 42% of the vote in the 1968 New Hampshire primary, prompting President Johnson to withdraw from the race.
ANSWER: Eugene __McCarthy__
[10] This man was elected to the U.S. Senate in 1990, and defeated Rudy Boschwitz in 1996. A mere eleven days before the 2002 election, he died in a plane crash.
ANSWER: Paul __Wellstone__

17. This man's nonfiction works include a collection of interviews with people involved with the 1995 Aum Shinrikyo sarin gas attacks called *Underground*. His short story collections include *after the quake* and *The Elephant Vanishes*, and his most recent novel, set in a Denny's, is entitled *After Dark*. His "Trilogy of the Rat" concludes with *A Wild Sheep Chase*, and he referenced western songs in the novel *Norwegian Wood*. He also wrote a novel about Toru Okada's search for a missing cat. For 10 points, identify this Japanese author of *Kafka on the Shore* and *The Wind-up Bird Chronicle*.
ANSWER: Haruki **Murakami** [accept names in either order]

For 10 points each name these medieval kings of England.
[10] This king of Wessex defeated Guthrum at Edington en route to pushing back the Danes.
ANSWER: **Alfred the Great** [prompt on "Alfred"]
[10] This father of Canute the Great was victorious at the Battle of Svolder. His sister Gunhilde was killed in the St. Brice's Day Massacre, and he became King of England in 1013.
ANSWER: **Sven** Forkbeard [or **Sven** the Dane; or **Sven** Tveskaeg; or **Sweyn** I]
[10] This king was usurped by Sven Forkbeard before being eventually succeeded by his son Edmund Ironside. He earned his derogatory nickname for bribing Danish invaders.
ANSWER: **Ethelred the Unready** [or **Ethelred II**; prompt on "Ethelred"]

18. A similar painting to it was executed by Thomas de Keyzer and featured the common author of *The Book of Monsters*. Barely visible in the background is a stone archway, while at the bottom right, an open textbook, possibly by Andreas Vesalius, can be seen. This work depicts the criminal Aris Kindt on a table surrounded by eight men. For 10 points, name this Rembrandt painting depicting the titular action by an Amsterdam physician.
ANSWER: *The **Anatomy Lesson** of Dr. Nicolaes Tulp*

His novels include *The Book of Laughter and Forgetting*. For 10 points each:
[10] Name this author notable for his novel set during Prague Spring, *The Unbearable Lightness of Being*.
ANSWER: Milan **Kundera**
[10] This author wrote about an explosive that blows up the entire world in *Krakatit*. He described a rebellion of automatons that destroy the human race in his play *R. U. R.*
ANSWER: Karel **Capek**
[10] Both Milan Kundera and Karel Capek are from this Central European country.
ANSWER: **Czech Republic** [or **Czechoslovakia**]

19. Claus Jonsson was the first person to perform a version of this experiment with electrons, while another version of this experiment was used by Shahriar Afshar to prove that light can act as both a wave and a particle at the same time. The original version of this 1801 experiment produced interference fringes, alternating bright and dark bands. For 10 points, name this experiment in which coherent light is passed through the namesake openings, first used by Thomas Young to prove the wave nature of light.
ANSWER: **double-slit** experiment

This work emphasizes that the purpose of tragedy is the purification, or catharsis, of pity and fear. For 10 points each:
[10] Name this work that outlines the ideal plot and claims that tragedy is imitation of an action.
ANSWER: the *Poetics*
[10] This ancient philosopher whose lecture notes make up the *Nicomachean Ethics* wrote the *Poetics*.
ANSWER: **Aristotle**
[10] This Aristotle work ushered in a namesake branch of philosophy that discusses being. This work poses the questions: "What is existence, and how do things continue to exist?"
ANSWER: the *Metaphysics*

20. In 1961, this present-day nation faced a rebellion in the coffee zone and in the Cuango valley. Agostinho Neto and Holden Roberto were among the leaders of its independence movement. In this country's 1992 elections, Jose Eduardo dos Santos was elected president. This nation's MPLA was supported by fifty thousand Cuban troops, and South Africa backed Jonas Savimbi and the UNITA party. The owner of the disputed Cabinda enclave, for 10 points, name this African nation, a former Portugese colony with capital at Luanda.
ANSWER: Republic of **Angola**

One member of this kingdom has an external layer made of silica called a frustule, and another member is the cause of red tides. For 10 points each:
[10] Name this kingdom that is home to diatoms and dinoflagellates.
ANSWER: **Protista** [or **Chromalveolate**]
[10] Another member of Kingdom Protista is the euglenoid, which uses this whip-like appendage for locomotion.
ANSWER: **flagella** [or **flagellum**]
[10] Some other parasitic members of Kingdom Protista include the mosquitoes that cause malaria in humans, which are members of this genus.
ANSWER: *Plasmodium*

21. Drippings from this object were said to have created the Red Sea's coral and Egypt's vipers. This object was used by one hero to wreak havoc on a party on Sephiros, where it killed Polydectes and his nobles. It was also used to ease Atlas's pains, and was often stored in Hermes's magic bag. For 10 points, name this object that was lopped off of a Gorgon's body, has snakes for hair, and will still turn viewers to stone.
ANSWER: the **head of Medusa** [do not accept or prompt on "Medusa"]

The title character is brought down by politician Edward Butler, whose daughter Aileen Butler he has an affair with. For 10 points each:
[10] Name this novel about Philadelphia businessman Frank Cowperwood.
ANSWER: The *Financier*
[10] *The Financier* was written by this author of *Jennie Gerhardt* and *Sister Carrie*.
ANSWER: Theodore **Dreiser**
[10] This Dreiser novel concerns Clyde Griffiths and his relationships with Sondra Finchley and Rebecca Alden, whom he murders in upstate New York.
ANSWER: An *American Tragedy*

22. He was stripped of power due to his alliance with Liu Shaoqi, and he was rehabilitated with the help of Hua Guofeng. He served as chief commissar of the Second Field Army during the Chinese Civil War from 1947 to 1949, and the reforms of this man were collectively known as the Four Modernizations. He quelled protests following the death of Hu Yaobang, and his successor was Jiang Zemin. For 10 points, name this Chinese leader of the 1980s and 1990s who introduced free enterprise to the Chinese economy.
ANSWER: **Deng** Xiaping [or **Teng** Hsiao-p'ing]

In one painting, three boats are under the *Great Wave of Kanagawa*, and this object can be seen in the background. For 10 points each:
[10] Name this holy mountain, which was painted in 36 views.
ANSWER: Mount **Fuji**
[10] This man painted the *36 Views of Mount Fuji*; he also illustrated some popular yomihon novels and surinomo prints.
ANSWER: Katsushika **Hokusai** [or **Shunro**; or **Sori**; or **Kako**; or **Taito**; or **Gakyojin**; or **Iitsu**; or **Manji**]
[10] Hokusai worked in this genre that means "pictures of the floating world." It was also practiced by Hiroshige in the collection *53 Stations on the Tokaido*.
ANSWER: **ukiyo-e**