2005 Maryland Classic: James Ewell Brown Rides Again

Final Round

## Tossups

Questions By Phil Durkos, Brad Houston, Eric Newman, Casey Retterer, Sandeep Vahesan

1) From his blood sprung forth the Gigantes, Erinyes, and Meliar and in some versions of the myth Aphrodite came from his testicles when they dropped into the sea. The vasectomy was retribution for throwing the Hecatonchires and Cyclopes in Tartarus. For ten points, name this god of the sky, husband of Gaia and father of the Titans.

Answer: **Uranus**

2) He refuted the notion of a noumenal world in his "Foundations of Natural Right" and "The Science of Ethics." "Reclamation of the Freedom of Thought from the Powers of Europe" outlined a philosophy that rejected external government in favor of allegiance to ideals. For ten points, identify this pupil of Kant and precursor to Hegel, best known for "The Science of Knowledge" and "Attempt at a Critique of All Revelation."

Answer: **Johann Gottlieb Fichte** (first initials needed to distinguish from his son)

3) He graduated from the Stevens Institute of Technology in 1919, and served fireman on a steamship until 1923, when a sunset inspired him to move to New York and join the Art Student's League. A recent exhibition at the Phillips Collection in Washington, DC explored his relationship with Joan Miro mostly through his traditional sculpture, but, for ten points, what artist is better known for his wire *Circus* and his many mobiles?

Answer: **Alexander "Sandy" Calder**

4) They seem to follow a 33-year cycle, the most recent peak occurring in 2001. The cycle also corresponds to the period of the orbit of the comet Tempel-Tuttle. For ten points, name the meteor shower that occurs around November 17 every year and seems to originate from its namesake July-August zodiac constellation.

Answer: **Leonids**

5) It was donated to the Smithsonian Institution November 19, 2004. Charmaine Simmons designed it to be "the most uncomfortable, unwearable" thing you could find. It appeared in episode 66 and was only on the air for 5½ minutes. On "Today," Bryant Gumbel makes fun of it and the wearer remarks that he was tricked by a low-talker into wearing it. For ten points, identify this piece of Seinfeldiana that, according to Elaine, made Jerry look "like the Count of Monte Cristo."

Answer: **Puffy Shirt**

6) This work refutes claims that the apostrophic figure is "mighty and dreadful." In fact, the

author claims that "From rest and sleep, which but thy pictures be,/Much pleasure; then from thee much more must flow."Also mentioned is the fact that it is "slave to fate, chance, kings, and desperate men." For ten points, identify this 14-line work of John Donne that ends by stating, "Death, thou shalt die."

Answer: **John Donne's "Holy Sonnet 10"** (accept **"Death, be not proud"**)

7) An oboe solo signaling the beginning of the foreign troops' incursion. Excerpts from the enemy's national anthem are heard between folk tunes before descending arpeggios suggest the descent of winter. "God Save the Tsar" comes in as church bells chime, and the famous cannon are finally heard in, for ten points, what Tchaikovsky piece commemorating the Russian repulsion of Napoleon's Grand Army?

Answer: **"1812" Overture in E Flat Major, Opus 49**

8) Most commonly found in physics and philosophy, they are attempts to solve problems involving the understanding of the universe. *The Matrix* is a weak reference to the brain-in-a-vat one, and others include Mary's room about "knowing" colors and the Brownian ratchet. For ten points identify the type of problem exemplified by the twin paradox and Schrödinger's cat.

Answer: **Thought Experiment**

9) Nowadays synonymous with being a sidekick, this character offers interpolated narratives into the work he is a part of. Originally a servant on his master's estate his devotion to his master leads to his becoming a squire to the errant knight. As the novel progresses, they start to take on each other's characteristics, although he does realize that there is no real Dulcinea. For ten points name this assistant to Don Quixote.

Answer: **Sancho Panza**

10) Heavily indebted to the ballad form, he is best remembered for a mystical, meticulously detailed poetic style, as seen in "Troy Town" and "The House of Life." A painter as well as a poet, he depicted the Annunciation in his "Ecce Ancilla Domini," but he probably excelled most at translations into English, notably in his translation of Francois Villon's "The Ballad of Dead Ladies." For ten points, identify this poet of "The Blessed Damozel" and "The Portrait" and core member of the Pre-Raphaelite Brotherhood.

ANWER: **Dante Gabriel Rossetti** (first initial needed to distinguish from his sister, Christina)

11) It was formerly known as "mongolism" because of the "similarities" between people with it and Mongolians. These characteristics include extra folds of skin under the eyes, a small skull and a flattened nose bridge. Another aspect of it is mild to severe learning disability. For ten points, identify this birth defect occurring in about 1 in 800 births worldwide in which a person inherits all or part of an extra copy of chromosome 21.

Answer: **Down Syndrome**

12) Located on Bennelong Point, it has over 1000 rooms, including 6 bars, 4 restaurants, 5 rehearsal studios and 5 theaters. The roof's 1,056,000 white tiles were imported from Sweden, not far from the home of its original designer, Jørn Utzon. It was formally opened by Queen Elizabeth in 1973 and included a performance of Beethoven's 9ᵗʰ Symphony. For ten points, name this building located in the capital of New South Wales.

Answer: **Sydney Opera House**

13) Once a prominent figure in Catholic theology whose image was placed opposite church doors to protect viewers from harm, he was removed from the liturgical calendar in 1969. Called on to prevent earthquakes, floods and fires, he is best-known for carrying a child across a river; the child turned out to be Jesus in disguise, with the weight of the world in his hands. For ten points, identify this patron Saint of children and travelers.

Answer: **Saint Christopher**

14) Their uprising resulted in the deaths of over 20 million civilians and soldiers. In areas they controlled, property was abolished and gambling, prostitution, foot binding and opium use were prohibited. Led by the Christian mystic Hong Xiuquan, they sought to overthrow the Qing Dynasty. For ten points, name this mid-19ᵗʰ century movement that was eventually crushed by the Ever-Victorious army under "Chinese" Gordon.

Answer: **Taiping** or **Heavenly Kingdom of Great/Perfect Peace**

15) It was destroyed during battle, but gained lasting fame for an event involving Colonels James C. Murray, Andrew J. Kinney and Colonel Chang Chun San. The edifice where the armistice was signed still stands, and straddles the Military Demarcation Line, which runs through the Demilitarized Zone. For ten points name this village between North and South Korea, where the 1953 armistice that ended the Korean War was signed.

Answer: **Panmunjom**

16) Bono recently launched one of his own to invest in media and entertainment enterprises. They typically focus on financing promising startup ventures or purchasing mature businesses and restructuring them with the hopes of reselling them for a profit. For ten points, identify this type of investment vehicle whose most well-known example is the Carlyle Group, famously vilified in Michael Moore's *Fahrenheit 9/11*.

Answer: **Private Equity Firms**

17) The shallower northern and southern portions of it are important fishing areas, but some parts have a depth of more than 10,000 feet. A branch of a warm current flows northeast through it and makes Vladivostok the only ice-free port of eastern Russia.  For ten points, name this 405,000 square mile sea, also known as the East Sea, that connects with the East China Sea, the Pacific Ocean, and the Sea of Okhotsk through several straits.

Answer: **Sea of Japan** (accept **East** Sea before it is given)

18) This nation achieved independence from Spain in 1821 and from the Central American

Federation in 1842. It is known as the Land of Volcanoes because of its destructive earthquakes, volcanic activity and hurricanes. A bloody 12-year civil war ended in 1992 with the signing of Chapultepec Peace Accords. For ten points name this smallest Central American country bordering Guatemala and Honduras, the only one without a coastline on Caribbean Sea.

Answer: **El Salvador**

19) This unit is equivalent to 0.293 watt-hours or 1055 joules. It's original definition was changed from being the quantity of heat required to raise 1lb of water 1°F at 1 atmosphere of pressure was not accurate enough, so it was changed. For ten points, name this non-metric measure of heat, which the average person emits 50 of every hour.

Answer: **BTU** (British Thermal Unit)

20) "Pull, pull, for with your able arms you must pull heaven down around me," cries the title character as she is tortured to death by the Cardinal's men. Inspired by William Painter's "The Palace of Pleasure" and considered the last Elizabethan drama, it tells the story of Duke Ferdinand's sister, persecuted for marrying her steward, Antonio, and producing legitimate heirs to the duchy of Calabria. Ferdinand's assassin, Bosola, is redeemed somewhat at the end. For ten points, name this 1613 tragedy by John Webster.

Answer: *The **Duchess of Malfi***

21) Named for the Turkish word for tiger, he was born to Omar Sheikh, king of Ferghana, a district of Uzbekistan. A descendant of Timur and Genghis Khan, he became ruler at age 12. His uncles' attempt to dislodge him failed, and no sooner was the young ruler settled than he began to meditate an extension of his own dominions. For ten points name this famous conqueror of North India and the founder of the Mughal Dynasty.

Answer: **Zahir-ud-din Mohammad Babar**

22) This term was coined by Walter Cannon in 1932 and is most often used in the biological sense. A characteristic of living things, many ecologists believe it applies to the external environment of organisms as well. Means of it in humans include the kidneys altering urea and water concentrations and the pancreas adjusting glucagon and insulin levels. For ten points, identify the property of an open system that enables it to maintain equilibrium.

Answer: **Homeostasis**

# BONUSES

1) Identify the following figures from the fight for Indian independence for the stated number of points.
[5] The son of a wealthy Kashmiri lawyer, he became the first prime minister of independent India.
Answer: **Jawaharlal Nehru**
[10] He led the movement for a separate homeland for the Subcontinent's Muslims, which led to the creation of Pakistan, where he served as the first governor-general.
Answer: **Mohammed Ali Jinnah**
[15] He rejected Gandhi's non-violent approach and believed an alliance with the Axis powers would help free India from British rule and formed the Indian National Army.
Answer: **Subhas Chandra Bose**

2) Given the year it won the Pulitzer Prize for drama and some details about it, name the Eugene O'Neill work for the stated number of points.
[5] 1920: it focuses on fruitless dreams of a farm family
Answer: ***Beyond the Horizon***
[10] 1921: a noble prostitute is the title character
Answer: ***Anna Christie***
[10] 1928: it follows the life of a woman from daughter to wife to mother
Answer: ***Strange Interlude***
[5] 1956: O'Neill's most autobiographical work
Answer: ***Long Day's Journey Into Night***

3) Name the following Belgian cities 10/5-10/5-10/5
[10] The sixth largest city in Belgium, it is a municipality and capital of the province of West Flanders.
[5] It is the supposed birthplace of Dr. Evil and it is sometimes referred to as the "Venice of the North."
Answer: **Bruges**
[10] It lies on the Scheldt River and contains one of the world's oldest and most famous zoos.
[5] It is the center of the diamond industry, second largest city in Belgium, and one of the world's largest ports.
Answer: **Antwerp**
[10] It is Belgium's fifth largest city, lies on the Meuse River, and is the capital of a namesake province.
[5] It is one of the steel-making centers of Belgium and contains the Cathedral of St. Lambert, which was destroyed by the French in 1794.
Answer: **Liege**

4) Molière plays from plot summaries, for 10 points each.
[10] The titular religious hypocrite attaches himself to a well-off family until his double standards are exposed.
Answer: ***Tartuffe***
[10] Alceste is the title character who is in love with Célimène and believes that people

should be completely honest at all times.
Answer: The **Misanthrope**
[10] Jourdain attempts to fit into upper class society where he never can.
Answer: The **Would-be Gentleman** (or Le **bourgeois gentilhomme**)

5) Identify these parts of the brain on a 5-5-10-10 basis
[5] Found at the bottom rear of the head this part of the brain controls motor function.
Answer: **cerebellum**
[5] Communication between the two hemispheres of the brain is enabled by this structure made of contra lateral axon projections.
Answer: **corpus callosum**
[10] Located in the frontal lobe, this area is a part of the cortex related to speech.
Answer: **Broca's area**
[10] The outermost of the three protective membranes between the brain and the cranium; it is also the toughest and thickest.
Answer: **dura mater**

6) Name the artists given works on a 10/5 basis.
[10] *L.H.O.O.Q.*
[5] *Nude Descending a Staircase, No. 2*
Answer: **Henri-Robert-Marcel Duchamp**
[10] His films include *Blue Movie*, *Lonesome Cowboys* and *The Nude Restaurant*.
[5] His prints include famous portraits of Elvis and Marilyn Monroe.
Answer: **Andy Warhol**
[10] *Composition VIII No. 260* and *Composition X*
[5] *Yellow, Red, Blue* and *The Blue Rider*
Answer: **Wassily Kandinksy**

7) Identify the political theorist, 30-20-10.
[30] He stated that the US has "50 percent of the world's wealth, but only 6 percent of its population… Our real task in the coming period is to devise a pattern of relationships that will permit us to maintain this disparity."
[20] He served as an assistant to the US ambassador to the Soviet Union from 1933-1937.
[10] He anonymously penned the influential article *The Sources of Soviet Conduct* better known as the *X Article* in 1947 that called for a policy of containment towards the USSR.
Answer: **George Kennan**

8) Name the following about a certain Protestant reformer for ten points each.
[10] He started the Protestant reformation with the posting of his Ninety-Five Theses.
Answer: **Martin Luther**
[10] The city in which Luther allegedly posted the theses on the doors of Castle Church.
Answer: **Wittenberg**
[10] Following the Diet of Worms, Luther's prince, Frederick the Wise of Saxony, kept him in hiding in this castle.
Answer: **Wartburg Castle**

9) Given a character from Norse myth, classify him or her as a member of the Æsir, Vanir, Jotnar, or none of the above, for 5 points each.

[5] Njord
Answer: **Vanir** (singular Van)
[5] Baldr
Answer: **Æsir** (singular Æs)
[5] Utgartha-Loki
Answer: **Jotnar** (singular Jotun)
[5] Skadi
Answer: **Jotnar**
[5] Gylfi
Answer: **none** (human)
[5] Freyja
Answer: **Vanir**

10) Identify the following hydrocarbons from their molecular formulas for 10 points each or an application for 5 points.
[10] $C_4H_{10}$
[5] It is used as fuel for lighters and portable stoves.
Answer: **Butane**
[10] $C_3H_8$
[5] Fueling backyard grills and providing Hank Hill a job.
Answer: **Propane**
[10] $C_8H_{18}$
[5] Use in gasoline rating.
Answer: **Octane**

11) Identify the following about Beowulf for 10 points each.
[10] This is the king that Beowulf goes off to help in the first part of the epic.
Answer: **Hrothgar**
[10] This is the first monster that Beowulf kills while assisting Hrothgar.
Answer: **Grendel**
[10] This is the great hall that Grendel terrorized until Beowulf's appearance.
Answer: **Heorot**

12) Identify the Nobel Prize winning economist from the year he won and the reason cited by the Bank of Sweden, for the stated number of points.
[10] 1976; "for his achievements in the fields of consumption analysis, monetary history and theory and for his demonstration of the complexity of stabilization policy."
Answer: Milton **Friedman**
[10] 1985; "for his pioneering analyses of saving and of financial markets."
Answer: Franco **Modigliani**
[10] 1991; "for his discovery and clarification of the significance of transaction costs and property rights for the institutional structure and functioning of the economy."
Answer: Ronald **Coase**

13) Name the following characters from *Anna Karenina* for 10 points each.
[10] Anna's brother, a civil servant who has been unfaithful to his wife Dolly.
Answer: **Stepan Arkadeyevitch Oblonsky** (or **Stiva**)
[10] Dolly's sister, who turns down a proposal from Stepan's childhood friend Kostya.

Answer: **Katerina** Shtcherbatsky (or **Kitty**)
[10] Kitty turns down Kostya because she is expecting an offer from this army officer who ends up falling in love with Anna instead.
Answer: **Alexey Kirillovitch Vronsky** (accept **Alexey V.** because Anna's husband is also named Alexey)

14) Identify the following about a disputed November 2004 presidential election for ten points each.
[10] Many citizens claimed that the government rigged the election in this European nation with capital at Kiev.
Answer: **Ukraine**
[10] Claims were made that this Prime Minister was falsely awarded the presidency of Ukraine via a rigged run-off vote.
Answer: **Viktor Yanukovych**
[10] This opposition leader defiantly claimed victory in Parliament the Tuesday after the election.
Answer: **Viktor Yushchenko**

15) Answer the following questions about set theory, for ten points each.
[10] These are divided into 2 types: logical ones and non-logical ones, the latter are essentially postulates.
Answer: **axiom**s
[10] The ten axioms most generally accepted in set theory are collected in this formalization.
Answer: **Zermelo-Fraenkel Axiomatization**
[10] This axiom states that given any collection of mutually exclusive non-empty sets X, some function f is defined on X such that for each set S in X, f of S is some element of S.
Answer: **axiom of choice**

16) Michelangelo thought of himself primarily as a sculptor, so for the stated number of points each name the following Michelangelo sculptures.
[10] Prepared for the tomb of Pope Julius II, the statue of this Jew is notable mostly for its prominent horns.
Answer: **Moses**
[5-5] These two sculptures were also intended for Julius' tomb, but for various reasons were never finished and now reside in the Louvre. Name them for 5 points each.
Answer: **The Dying Slave** OR **The Rebellious Slave**
[10] This statue was originally displayed in the Palazzo Vecchio in Florence before being moved to its present location in the Galleria dell'Accademia.
Answer: **David**

17) Identify the following American poets from works on a 5-5-10-10 basis.
[5] Poem 712, commonly called "Because I Could Nor Stop For Death."
Answer: **Emily Dickinson**
[5] "Fire and Ice" and "Birches"
Answer: **Robert Frost**
[10] "The Colored Soldiers", "Douglass" and "Sympathy"
Answer: **Paul Lawrence Dunbar**
[10] "To the King's Most Excellent Majesty" and "To the University of Cambridge in New

England"
Answer: **Phillis Wheatley**

18) Answer the following about functions important to quantum mechanics for 10 points each.
[10] This function has the property that it is equal to infinity at one point and its integral over all real numbers is 1.
Answer: **delta function** (also accept **Dirac** function)
[10] This equation describes the time-dependence of quantum systems won its namesake Austrian physicist the 1933 Nobel Prize.
Answer: **Schrödinger wave equation**
[10] This constant, symbolized h, is essential to the Schrödinger wave equation and is equal to about 6.626 x $10^{-34}$ Joule-seconds
Answer: **Planck's constant**

19) Given a planned invasion, give its codename for five points each and a five-point bonus if all are correct. [5-5-5-5-5+5]
[5] The German invasion of Britain
Answer: **Operation Sealion**
[5] The Allied invasion of Somalia
Answer: **Restore Hope**
[5] The Allied invasion of Southern France
Answer: **Operation Anvil**
[5] The Allied invasion of Normandy
Answer: **Operation Overlord**
[5] The German invasion of Russia
Answer: **Operation Barbarossa**

20) Identify the Mozart opera from a brief description for the stated number of points.
[10] Opera seria debuting in 1781 about the King of Crete who must sacrifice his son.
Answer: ***Idomeneo, re di Creta*** (also "***Idomeneus***, *King of Crete*")
[10] Fernando and Guglielmo attempt to get their betrotheds Dorabella and Fiordiligi to cheat on them in a bet with Alfonso.
Answer: ***Cosi fan Tutte***
[5] Four act opera buffa based on a Beaumarchais about a barber from Seville.
Answer: ***The Marriage of Figaro*** (also "*Le **Nozze di Figaro**"*)
[5] Singspiel in two acts about Sarastro protecting Pamina, who falls in love with Tamino, from the Queen of Night
Answer: ***The Magic Flute*** (also *Die **Zauberflöte***)

21) Name the following people related to Egyptian Pharaohs for the stated number of points.
[5] It is the name of several Pharaohs of the 19th and 20th dynasties although the first only ruled for a single year in 1314 BCE.
Answer: **Ramses**
[10] Also known as Amenhotep IV, he ruled Egypt from about 1353-1335BCE.
Answer: **Akhenaton**
[15] She was the chief wife of Akhenaton.
Answer: **Nefertiti**