

Mad City Masters 2003

Questions By Gabriel Lyon, Kevin Clair and Chris Idemmili

1. His office is barren but for the necessary furniture and pair of rusty handcuffs hanging from a nail on the wall, a distinct contrast to his home, which his wife Louise has filled with books and photographs from England. Despite their differences, he feels obligated to provide for her comfort, and sends her on a holiday, in the process incurring a debt to the Syrian merchant Yusef. During his wife's absence he begins an affair with the young widow Helen, and the pressures of his obligations to his job as a police officer, to his wife, to Helen and to the church overcome him, forcing him to seek solace in suicide. For ten points name the protagonist of Graham Greene's *The Heart of the Matter*.

Answer. Major _Scobie_

2. With a name derived from the Sanskrit word viharā, meaning monastery, this city was founded by the Siyavushids in the thirteenth century BCE. The early inhabitants were Zoroastrians, but the population was converted to Islam in 709. This is reflected in production of one of the accepted versions of the hadith, as well as in the Kalyan Minaret, the extreme beauty of which saved it from the devastation that was visited upon the city by Chingiz Khan. For ten points, name this Uzbek city and major Silk Road center located on the delta of the Zeravshan River.

Answer. Bukhara

3. The nine prisoners were issued a uniform that consisted of a smock bearing his ID number, a heavy chain around one ankle, rubber sandals and a nylon stocking over his hair upon their entry to the County Jail, after their arrests by the Palo Alto police. After a failed rebellion, a visit by the families of the prisoners and a hearing before the parole board, the institution was closed after six days, a good deal less than the planned two weeks. For ten points identify this notorious experiment conducted by Philip Zimbardo in 1971.

Answer. The _Stanford Prison_ Experiment

4. The term was first used by William Whewell in 1732, but the theory was not popularized until later that century, due to it appearing to be contrary to religious beliefs. Known as actualism in Europe, its first major proponents were John Playfair and James Hutton. For ten points identify this geologic principle that contradicts the catastrophism of Cuvier by asserting that past forces that operated on the Earth can be recognized in the forces that are currently operating here, the centerpiece of Lyell's principles of geology.

Answer. uniformitarianism

5. Born in 1953, he worked for eleven years at the Royal National Theater of Sweden before appearing in Ingmar Bergman's *Fanny and Alexander*. He continued to work with Bergman for fifteen years, but he is better known for what he has done with other directors, including Lars von Trier and the Coen brothers. For von Trier he starred opposite Björk in *Dancer in the Dark*, and he has worked with the Coen Brothers in two films, appearing as Karl Hungus the nihilist in *The Big Lebowski*. For ten points name this actor, who has appeared in *Bad Company*, *Chocolat*, and *Minority Report*, but is still best known for his role as a silent hitman with an affinity for woodchippers in *Fargo*.

Answer. Peter _Stormare_

6. A British travel agency offers hotel packages in Prague bearing the name of this novel, which traces a young man's journey through the first half of the twentieth century in the employ of such hotels. This journey brings the small-statured protagonist, Ditie, in contact with both the Nazis and the communists, American entertainers and the emperor of Ethiopia, all with a *Candide*-like optimism. For ten points name this short novel, one of the best known of Bohumil Hrabal, the title of which explains why Ditie's one-time mentor knew all there was to know about the patrons of a hotel.

Answer. _I Served the King of England_ or _Obsluhoval jsem anglického krále_

7. A full-figure bronze statue of him stands in front of the county courthouse in Algona, Iowa, the seat of his namesake county. Born in 1802 in the northeast, his father was a lawyer, and he too was a quite successful lawyer until he ventured into publishing, founding the liberal Pesti Hirlap in 1841. After being elected to the Hungarian diet in 1847, he became Finance Minister under Batthyany in 1848. For ten points name this leader of the 1848 Hungarian Revolution.

Answer. Lajos _Kossuth_

8. As of 1957, the emission and absorption phenomena that had been observed for x-rays in gasses did not have analogous results for gamma rays. During ~~the~~ his graduate work at Heidelberg, this man observed that atoms bound in a solid could emit and absorb gamma rays without the energy loss observed in free atoms. Best observed in elements with excited nuclear states, which are both long-lived and low energy, such as Iron 57, his namesake effect is useful in many areas of spectroscopy. Name this physicist or his effect, the resonant, recoilless emission and absorption of gamma rays.

Answer. _Mossbauer_

9.) Born in Los Angeles, he earned degrees from Princeton University and Northwestern Law School. In his later life as U.S. ambassador to the United Nations he worked to strengthen the organization and to convince Presidents Kennedy and Johnson of its legitimacy. Unsuccessful in two presidential campaigns, he was victorious only in his first electoral campaign for governor of his home state. FTP, identify this politician, elected governor of Illinois in 1948 and unsuccessful Democratic nominee for President in 1952 and 1956.

A: Adlai E. _Stevenson_

10.) Thanks to an action taken by his nation's government, this man's legal problems are not a problem for the moment. His nation's richest man, he is the owner of a multi-billion Euro financial dynasty encompassing broadcasting and publishing companies, banks, and the AC Milan football club. He still finds time to lead the Forza Italia political party and, allegedly, bribe business rivals attempting to buy out state-owned firms. FTP, name this politician, who is now immune to prosecution for as long as he remains prime minister of Italy.

A: Silvio _Berlusconi_

11.) Seemingly antithetical to everything happening in opera up to that point, it was five hours long without intermissions, and patrons were invited to come and go as they pleased. Containing references to a number of pop-culture events of the day, including the Patty Hearst trial and the song "Mr. Bojangles," it is a metaphorical look at the title character and his work, culminating in a climactic final scene said by some critics to be a representation of nuclear war. FTP, identify the opera which debuted in 1976, with music and lyrics by Philip Glass.

A: _Einstein on the Beach_

12.) Forced into exile in 1977, he worked for a time on the faculty of Yale and New York University. In his most important work of non-fiction, he argued that the English language served to divert Africa's attention from its pre-colonial traditions, and his later work, such as the novels *A Grain of Wheat* and *The River Between*, were written in his native Gikuyu. FTP, identify the writer of *Decolonising the Mind*, perhaps the most important novelist of post-colonial Kenya.

A: _Ngugi_ wa Thiong'o

13.) A Polish migrant worker doesn't understand the racial hierarchy of the South. A young bible salesman isn't quite what he seems. An old Civil War veteran is reluctant to confront his past. Three boys cause trouble for an old woman on her farm. A woman thinks she's found the perfect husband for her housebound daughter. A grandmother's apprehensions about going to Florida are realized. FTP, these are summaries of stories in what Flannery O'Connor collection?

A: A Good Man is Hard to Find

14.) They rise in the Great Dividing Range and form portions of the boundaries of three provinces. Although no major cities lie along this river system, it drains much of New South Wales and Victoria and empties into the Indian Ocean just southeast of Adelaide. FTP, name this river system, the longest and most important in Australia.

A: Murray-Darling

15.) In 2000 this club was elected "Team of the Century" by FIFA. Their origins date to 1902, but it was under the presidency of Santiago Bernabeu, from 1943 to 1975, that the club began its rapid ascent to the top of La Liga and the European soccer world. Led by such stars as Alfredo di Stefano, the club won the first five European Cups and would win La Liga sixteen times during the Bernabeu regime. FTP, identify the club whose current stars include Raul, Ronaldo, and now David Beckham.

A: Real Madrid

16.) Truffaut's *The 400 Blows* was dedicated to this man, whose ideas on film theory would ultimately inspire a new generation of filmmakers. Born in Angers in 1918, he entered into the world of film during the German Occupation, holding secret screenings of films which the Nazis had banned. After the war he helped to found *Les Cahiers du Cinema*, the journal which laid the groundwork for the French New Wave. FTP, identify this noted French film critic, whose seminal work *What is Cinema?* inspired the French New Wave.

A: Andre Bazin

17.) Its rise began in 1670 with the accession of King Osei Tutu I. Quickly becoming a military and economic power in West Africa, it engaged in the slave trade with the Dutch and British during the 18th century before ultimately being annexed by the Gold Coast colony in 1901. Today they are ruled by King Otumfuo Osei Tutu II, who owns a private business in the traditional national capital of Kumasi. FTP, name this pre-colonial kingdom of Africa which still maintains a strong presence in the politics of Ghana today.

A: Ashanti

18.) Three worlds – the Human, Physical, and Sacred – were established during it, and at the end of it the 'ancestor spirits' entered into the physical forms in which they are present today. Although each individual tribe has its own version of the creation myth, it is accepted that the main creator is Wandjina. FTP, name this period of mythological history during which the world was created in Australian Aboriginal history.

A: Dreamtime

19.) Son of a shepherd, legend tells that he became apprenticed after being seen sketching his father's sheep while sitting in a field. His work in Florence and Padua established him as one of the foremost artists of his time, and he became known to such luminaries as Pope Boniface VIII and the poet Dante. Made Grand Master of Florence in 1334, he designed the city's bell tower prior to his 1337 death. FTP, identify the artist of the fresco cycle at the Arena Chapel in Padua, the first major artist of the Italian Renaissance.

A: Giotto

20.) When the Union drive to take this city stalled, General Lee took the opportunity to reinforce the greatly outnumbered Confederate lines with his Army of Northern Virginia. Union supplies arrived in December and on the 11th troops crossed the Rappahannock to drive Lee's troops out of the city. The Confederate position on Marye's Heights proved unassailable, however, and ultimately the Union troops were forced to retreat across the river. FTP, name this 11-15 December 1862 battle which was the end of Ambrose Burnside's command and the high point of Confederate morale.

A: Fredericksburg

21. Born in 1859, he attended Uppsala University, where his dissertation was titled On the Dissociation of Substances Dissolved in Water, and in this he went into his ionic theory, but that was so revolutionary that he barely passed. His work with ionic theory was rewarded with the 1903 Nobel Prize in Chemistry, but he is better known for two other things. For ten points name this Swede, who in 1889 came up with an equation that related reaction rates to temperature, and who lends his name to a definition of acids.

Answer: Svante August Arrhenius

22. Suppose a set, "A," has cardinality "m," and a second set, "B," has cardinality "n," and that "m" is greater than "n." If a function "f" has a domain equal to "A" and a range within "B," then "f" is not injective. Or alternatively, For any natural number "p," there does not exist a bijection between "p" and a proper subset of "p." You can use this to prove a lot of cool things, and that there are 2 people in New York with the same number of hairs on their heads. Name this principle which states that if you have 5 birds to go into 4 nests, at least one nest will have more than one bird in it.

A: Pigeonhole Principle

Bonuses

1. Identify the following Mishima works from a brief description for ten points each.

The titular location is seen as the embodiment of beauty by Mizoguchi, the novel's stuttering protagonist, but his obsession with it leads him to seek a release by its destruction.

Answer. The Temple of the Golden Pavilion

This novel, which was made into a 1976 movie starring Kris Kristofferson, concerns Noboru, a thirteen year old obsessed with ideals of objectivity and masculinity. These ideals are embodied in a man who comes into his mother's life, but as the man changes to become more of a part of their life, Noboru feels betrayed, and he and his gang exact what they deem to be a just penalty on him.

Answer. The Sailor Who Fell From Grace With the Sea

The first installment of the Sea of Fertility tetralogy, this novel is set in 1912 Tokyo, where the newly rich come to terms with the older aristocracy. The focus, however, is on the affair between the seemingly unaffected and unemotional Kiyoaki Matsugae and his longtime friend Satoko Ayakura.

Answer. Spring Snow

2. With the Cleveland Cavaliers intent on picking LeBron James with the top pick in this year's NBA draft, it marks the first time since 1996 that a guard has been picked number one overall.

For five points, who was that top pick, a Georgetown sophomore who has averaged 27 points a game in his NBA career.

Answer. Allen Iverson

For five points each, name the guards who were picked fourth and fifth in 1996 and subsequently traded for one another. One is currently Phoenix's starting point guard, while the other was traded from Milwaukee to Seattle this past February.

Answer. Stephon Marbury and Ray Allen

For fifteen points, before Iverson in 1996, who was the last guard picked first overall?

Answer. Earvin "Magic" Johnson

3. Identify these events important to the Korean independence movement for fifteen points each.

This was a series of massive peaceful public demonstrations in 1919 against Japanese occupation in hopes that the Wilsonian principles of self determination would be applied in Korea. It is named after the day on which it took place.

Answer. The March 1 movement

Ten years after the March 1 movement, the celebration of the anniversary of the Meiji emperor's birth fell on the same day as the Korean National Foundation Day, prompting students in this city to go on strike.

The strike spread throughout Korea. This city was also the site of the brutal 1980 suppression of protestors that has been dubbed Korea's Tiananmen.

Answer. Kwangju

4. Identify the Central Asian republic from its president for ten points each.

Nursultan Nazarbayev

Answer. Kazakhstan

Islam Karimov

Answer. Uzbekistan

Askar Akayev

Answer. Kyrgyzstan

5. Identify the following works of Rene Magritte from brief descriptions for ten points each.

This series of paintings is focused on the two figures, one male and one female, whose identities are hidden by a cloth over their heads as they attempt to kiss one another.

Answer. The Lovers

This painting transposes a nocturnal street scene that is illuminated by a single streetlight in the center of the canvas with a light blue sky inhabited by fluffy cumulus clouds.

Answer. The Empire of Lights

This is a portrait of woman's face, however, her facial features have been replaced by her torso, with her breasts corresponding to the eyes, her navel to the nose and her pubic area to her mouth.

Answer. Rape

6. Name these treaties between Russia and China for ten points each.

This 1689 agreement was forged to settle disputes between Russian traders and Qing authorities, setting the border along the Amur river.

Answer. Treaty of Nerchinsk

This name is shared by a 1727 treaty that modified the Treaty of Nerchinsk and the 1915 treaty between China, Russia and the princes of Outer Mongolia that recognized the autonomy of Mongolia.

Answer. Treaty of Kiakhta

After the Russian Revolution, in 1919 the Soviet government issued this manifesto that revoked Russia's unfair treaties with China, cancelled Russia's share of the Boxer indemnity and eliminated Russia's territorial concessions.

Answer. Karakhan Manifesto

7. Identify the following Polish directors from films for ten points each.

Ashes and Diamonds, Siberian Lady Macbeth, Man of Marble, Man of Iron

Answer. Andrzej Wajda

Rosemary's Baby, Chinatown, The Pianist

Answer. Roman Polanski

The Three Colors Trilogy

Answer. Krzysztof Kieslowski

8. Interstate 80 passes through four state capitals.

For five points each, name them.

Answer. Sacramento, Salt Lake City, Cheyenne, Des Moines

For an additional ten points each, what capital city is connected to I-80 by US-395.

Answer. Carson City

9. Answer the following about the 1968 Olympics.

For five points, in what city were the 1968 ^{Summer} games held.

Answer. Mexico City

For five points each, name the two US medalists in the 200 meter who rose black gloved fists in protest during the playing of the US anthem at the awards ceremony.

Answer. Tommie Smith and John Carlos

For fifteen points, Smith and Carlos' protest was part of the program of this group founded by sociologist Harry Edwards that had aimed at an all out boycott of the Olympics by black American athletes.

Answer. Olympic Project for Human Rights

10. Name the following films by master animator Hayao Miyazaki for ten points each.

a) This 1997 film is Miyazaki's magnum opus, an epic tale of Prince Ashitaka, who is traveling in search of a cure for the curse that was placed upon him by the boar god. His travels bring him to the scene of a battle the inhabitants of an iron mining town and those of the forest, who are led by the titular character.

Answer. Princess Mononoke or Mononoke-hime

b) This 2002 offering is the story of Chihiro, a young girl who is trapped in the world of spirits after her parents are turned to pigs. It echoes many of the environmental themes of Princess Mononoke, but the story is more concerned with Chihiro and her personal trials.

Answer. Spirited Away or Sen no Chihiro no kamikakushi

c) This 1989 film is the story of a thirteen year witch who, according to witch tradition, moves away from home to complete her studies, and the adventures that she and her talking cat Jiji have in their new home.

Answer. Kiki's Delivery Service or Majo no takkyubin

11. Identify the novel from the reason of the imprisonment of protagonist for fifteen points each, if you need the name of that character, you will receive ten points and five points after the author of the novel.

a) 15-The narrator is imprisoned for gnostical turpitude.

10-Cincinnatus C.

5- Vladimir Nabokov

Answer. Invitation to a Beheading

b) 15-He is imprisoned for the murder of Sister Dorothea Kongetter.

10- Oskar Matzerath

5- Gunther Grass

Answer. The Tin Drum

12. Answer the following about the Red Scare of 1919.

For five points, the infamous roundups of suspected communists were named after this Attorney General

Answer. A. Mitchell Palmer

For another five points, what future FBI head served as Palmer's assistant.

Answer. J. Edgar Hoover

For ten points each, name the two acts, one passed in 1917, the other in 1918, that served as the legal basis for the Palmer raids.

Answer. Espionage Act and Sedition Act

13. Identify the following about glaciers for ten points each.

a) This is the term for all material of glacial origin.

Answer. drift

b) Sediment deposited directly by melting ice is known as this.

Answer. till

c) These are large streamlined hills of till and bedrock that run parallel to the direction of the glacier.

Answer. drumlins

14. Identify these Iberian Nobel Laureates in Literature from works and the year of their award for fifteen points each.

Destruction or Love, The Sound of War, The Shadow of Paradise, 1977

Answer. Vincente Aleixandre

The Year of the Death of Ricardo Reis, The Gospel According to Jesus Christ, The History of the Siege of Lisbon

Answer. Jose Saramago

15. Give the 2nd order Taylor series expansions about the point $x=0$ for the following common functions for ten points each:

a). $\cos(x)$ Answer. $1 - (1/2)x^2$

b) $\sin(x)$ Answer. x

c) e^x Answer. $1 + x + (1/2)x^2$

16. Identify these works by Michel Foucault for ten points each.

a). This work traces the shifting of the reaction to crime and criminality from a focus on the body to one that targets the soul of the prisoner, as well as the rise of penal institutions as one sees today.

Answer. Discipline and Punish

b). First published in 1966, this is an examination of the differences between the classical systems of knowledge and those of modernity.

Answer. The Order of Things

This three-volume work is subtitled, An Introduction, The Use of Pleasure, and The Care of the Self, and documents the perceptions of its namesake subject from ancient Greece to modern times.

Answer. The History of Sexuality

17. Name these characters from August Wilson's play Fences for ten points each.

He is the central character, a bitter and domineering former Negro league baseball player.

Answer. Troy Maxson

Troy's son, he is a promising football player who leaves Troy's home and joins the Marines.

Answer. Cory

c) Troy's friend, he is a fellow garbage collector.

Answer. Bono

18. Identify these elements from quantum mechanics for fifteen points each.

a) This is a term for a linear operator whose inverse is its adjoint

Answer. Unitary

b) Named for a French mathematician, this type of operator always has real eigenvalues and its eigenvectors are always orthogonal.

Answer. Hermitian

19. Answer these questions about a mythological hero for the stated number of points.

a) For 5. Sometimes referred to as "the Irish Achilles" this man was the son of Dechtire and the god Lugh of the Long Hand.

Answer. Cuchulain

b) For 10. Cuchulain was forbidden from eating this animal, his namesake. He was also forbidden from turning down a meal, so when some jerks finally offered him some of this meat, he was pretty much screwed.

Answer. dog

c) For 15. This woman from the Land of Shadows trained Cuchulain in the art of combat and became one of his closest friends.

Answer. Skatha (Scatha, Scathach)

20.) Answer the following about the Hundred Years War for the stated number of points.

5.) The first major battle of the conflict was this 1345 conflict, in which French cavalry were no match for Edward III's better-armed archers.

A: Crecy

10.) Ten years later at this battle, a similar result was attained, and King John the Good was captured by the Black Prince.

A: Poitiers

5.) The second phase of the war was highlighted by this battle in which Henry V's vastly outnumbered force used their better weapons and poor French tactics to bring about victory.

A: Agincourt

10.) The treaty signed at this town in 1420 acknowledged the claim of King Henry V to the French throne.

A: Troyes

21. For ten points, what Midwestern city's art museum recently received quite an impressive addition—the Quadracci Pavilion, an impressive boat-like sculpture of a building that rises majestically from the lake?

Answer. Milwaukee

For another ten points, the Quadracci Pavilion was designed by this man, a Spanish architect who had previously designed the railway station in Zurich, as well as an airport in Bilbao and numerous bridges in Spain.

Answer. Santiago Calatrava

Though Calatrava's building is the most striking piece on the Milwaukee lakefront, this more well known architect of the Gateway Arch designed the Milwaukee Art Museum that was built in 1955.

Answer. Eero Saarinen

22. Earlier this year, physicists at Brookhaven National Laboratory sought to verify the production of a certain high energy state of matter in earlier experiments. Answer these questions about those experiments FTPE.

Theoretically, the substance created is similar to a state of matter that existed shortly after the big bang, and contains free forms of certain elementary particles. What 3 word name is commonly given to this hot, dense soup of matter.

Quark-Gluon Plasma

The experiments took place in the RHIC device. Expand RHIC

Relativistic Heavy Ion Collider

This heavy atom was used in both series of experiments. The original experiments collided 2 streams of these nuclei, while the more recent verifications collided them with deuterium nuclei.

Gold