

2002 Martin Luther King Jr. Memorial Tournament

University of Michigan/Duke University

Tossups by Rochester (Fred Bush, Zak Talarek, Mike Adelman, and Micha Elsner) and Ohio State (Edward Chang)

1. This country's largest island is the Isla del Coco, which lies 600 kilometers off its western shore, while much of the nation's northern border consists of the San Juan River. The summit of Irazú, this country's highest volcano, is the only place in North America where you can see both the Atlantic and Pacific Oceans. For 10 points - identify this Central American nation with capital at San José.

Answer: Costa Rica

PHEIDIPPIDES: fay-dip-pid-eez

2. The main character is in debt because of his son Pheidippides' love of horses, and wants to learn an argument that will allow him to escape creditors. There ensues a debate between the Right and the Wrong Arguments, explanations of the meaning of noun genders and a chorus of the title objects, the only real gods. Strepsiades burns down the Thinkery at the end of – for 10 points – what lampoon of Socrates, written by Aristophanes?

Answer: Nephelai

English: The Clouds

MAEDHROS: may-throws

EÄRENDIL: ee-ah-ren-dill

3. His name literally means "star-dome." As a child, he was captured by Maglor and Maedhros at the mouth of the river Sirion and was not released until the end of the War of Wrath. The last battle was precipitated by his father Eärendil, who won the aid of the Valar by sailing into the west carrying one of the Silmarils. For 10 points – identify this elf, the lord of Rivendell in *The Lord of the Rings*.

Answer: Elrond

GUIZOT: gwee-zoh

4. It declares that its movement has been opposed by Pope and the Czar, Metternich and Guizot, French radicals and German police-spies. It advocates a graduated income tax, and the abolition of child labor, inheritance, and property in land. For 10 points – name this document, written in 1848, which says that all history is the history of class struggle, and which begins "a spectre is haunting Europe."

Answer: The Manifesto of the Communist Party (or equivalents)

5. In aquatic ecosystems, some cyanobacteria perform this function, as do free-living bacteria and symbiotic Rhizobium bacteria in terrestrial ecosystems. It is a vital step in the cycling of an element found in the air that is essential for life. For 10 points -- identify this pathway by which atmospheric nitrogen is converted into ammonia, most commonly associated with bacteria on the roots of legumes.

Answer: nitrogen fixation

6. He was famous for his extremely rustic manner and dress, and would break off lectures at the University of Vienna to kneel and say the Angelus every day. He wrote three big masses and an F major string quartet, the first of his symphonies is numbered "zero" and his ninth was unfinished at his death. For 10 points – name this Austrian composer whose third symphony is dedicated to Wagner and whose fourth is usually called the "Romantic."

Answer: Anton Bruckner

DEGANADIWAH: de-gan-ah-dih-wah

7. Its body of law was fully ratified shortly after a total eclipse of the sun, an event that a few people date as early as 1142, with the voyage of Deganadiwah the peacemaker taking place in 1117, soon after the adoption of corn. The group's formation is generally dated to the first pre-contact eclipse in 1451. For 10 points -- name this political association, whose central council fire is at Onondaga, New York.

Answer: Haudenosaunee Confederacy

Accept: Iroquois Confederacy

KHENTI-AMENTIU: khen-ti ah-men-tee-oo

8. The earliest center of his cult was the city of Djedu, but he later became associated with a local god of Abydos, Khenti-Amentiu, whose name means "Foremost of the Westerners." As a result of his influence in Abydos, it became fashionable during the Middle Kingdom to be buried there, as that was the city where the tale of his death at the hands of Seth was told. For 10 points - identify this Egyptian god of the underworld.

Answer: Osiris

9. With his bare hands, he destroys a log and, memorably, a golf ball. His only dialogue is one "Ah hah!" and one "Ah Ah," perhaps because he only speaks Korean. He kills Diane Masterson with his favorite weapon, which he also uses to decapitate a statue, and which ultimately electrocutes him inside Fort Knox. For 10 points -- name this manservant of Auric Goldfinger with a deadly hat.

Answer: Oddjob

10. Including chapters on slow poisoning, great thieves, and the Crusades, its preface recommends Walter Scott's *Letters on Demonology and Witchcraft* as an excellent book on a similar subject. Best known for its opening chapters on failed financial schemes, it recounts the South Sea Bubble, John Law's Mississippi scheme, and the Dutch Tulipmania in detail. For 10 points -- identify this 1841 work of fads and mass phobias, written by Charles Mackay.

Answer: Extraordinary Popular Delusions and the Madness of Crowds

DAVID: dah-veed

11. On the right two women weep and one other holds her child's hand. The middle one of the figures on the left, with the gold helmet, has an arm around one of the others. The purposely simple arrangement and lighting is supposed to be as non-rococo as possible. A play by Corneille inspired -- for 10 points -- what 1784 picture of three brothers grasping swords as they go out to fight for Rome, painted by David?

Answer: The Oath of the Horatii

12. First his buttons and stripes are removed. Then, they stop him by his coffin on the ground, "where 'e'll swing in 'arf a minute for a sneakin' shootin' hound." The Color-Sergeant looks white, and Files-on-Parade remembers that he's "drunk 'is beer a score o' times". For 10 points -- name this soldier, hung because "'e shot a comrade sleepin'", subject of a poem by Rudyard Kipling.

Answer: Danny Deever

13. It began as a two part article in Rolling Stone. The author uses the town of Colorado Springs as the background of several chapters, as the author says that the city's growth parallels that of the titular industry. The author claims that "what we eat has changed more in the last 40 years than in the previous forty thousand." For 10 points -- name this exposé by Eric Schlosser, which, among other things, goes into great detail on the making of McDonald's french fries.

Answer: Fast Food Nation

VYRNWY: vern-wee

14. This river's delta is subject to the largest tidal bore in Europe. Its headwaters are dammed to form Lake Vyrnwy, while its major downstream tributaries include the Stour and the Teme. Blocked from joining the River Dee during the Pleistocene, it now flows into the Bristol Channel in Gloucestershire. For 10 points - identify this river, the longest in Great Britain.

Answer: River Severn

15. Its early opponents included Scotus Eriugena and Berengarius of Tours, who retracted his opinions in 1079. Further attacks were those of Zwingli, who talked about a symbolic memorial, and Calvin's compromise, which involved a "dynamic" presence. For 10 points – name this sacramental doctrine of the Catholic Church, supported by the biblical narratives of Manna in the desert and Christ's words at the Last Supper.

Answer: The Real Presence

Accept: Transubstantiation

16. Beginning as an ally of Joshua Nkomo in a 1970 post-colonial government, he soon purged Nkomo's followers and now his party, ZAPU, controls 147 of 150 seats in his country's parliament. He's long been anti-gay, and more recently he's encouraged his followers to squat on white-owned farms, denouncing their owners as "enemies of the people". For 10 points – name this Zimbabwean strongman.

Answer: Robert Mugabe

17. Using one of these phenomena, Richard Ellis located a star cluster 13.4 billion light years away. The Hubble Space Telescope has located potentially useful ones, which were predicted by general relativity and confirmed by observations on quasars. They often make single background sources appear multiple. For 10 points – name this phenomenon in which a massive object helps focus light from an object directly behind it.

Answer: gravitational lensing

18. Created in 1935, it did little to achieve its aim of keeping farm families from moving to cities, but by 1950, nine out of ten American farms had access to something that only one in ten had had in 1935. It worked on a system of low-interest loans to local co-operatives to put up lines and build plants. For 10 points – name this New Deal Agency that brought power to areas too sparsely populated for private utilities to develop.

Answer: Rural Electrification Administration

19. Now called the *Sea River Mediterranean*, it's the only ship flying under a U.S. flag banned from operating in U.S. waters. Its former captain now works in a New York law firm, and is licensed to sail again. Its brief moment of fame cost nine-figure sums paid by Alaska and Lloyd's of London. Its owner was fined for killing birds without a license after – for 10 points – this tanker spilled oil all over Prince William Sound.

Answer: Exxon Valdez

20. It was written at Fort Buchanan in 1963 and published only after the author's mother got Walker Percy to read it. The main character is fond of hot dogs, Boethius, masturbation, and the word 'mongoloid', and has a problem with his pyloric valve closing off his digestive system. Swift's formula for detecting genius gives its title to – for 10 points – what novel set in New Orleans and written by John Kennedy Toole?

Answer: A Confederacy of Dunces

AUCA MAHUEVO: OW-kuh muh-WAY-voh

21. It was first described in 1893 in Argentina, and later found in Madagascar. It gave its name to a group of sauropods, similar to the cetiosaurs, living in the Cretaceous period. A 1997 dig in Auca Mahuevo, Argentina by Jeremy Smith located the first-ever fossil embryos found in perfect condition. For 10 points – identify this enormous dinosaur, whose name refers to the precursors of the Olympian gods.

Answer: titanosaurus

22. Andronicus Ducas had command of the rear guard, and he was a rival of Romanus IV Diogenes. Diogenes refused a truce with the enemy, who then charged, and Andronicus spread the word that the emperor had been killed. The Byzantine lines collapsed, and Alp Arslan did capture the emperor. For 10 points – name this 1071 battle in which the Seljuks gained control of Asia Minor.

Answer: Manzikert

23. The easiest way to get to them is through Kukuanaland – peopled by former laborers – then up Three Witches Peak. Three colossal statues, said to represent Ashtoreth, Milcom, and Chemosh, guard access to the Place of Death, where a secret door leads to chests filled with the accumulated production of this place, and the corpse of the witch Gagool. For 10 points – name these legendary quarries visited by Allan Quatermain in a novel by H. Rider Haggard.

Answer: King Solomon's Mines

24. The first recipe for it was printed in 1727's *The Complete Housewife*, and called for anchovies, shallots, and lemon peel among other ingredients. Containing lycopene, an antioxidant associated with decreased cancer risk, its health benefits are generally outweighed by the food with which it is typically eaten. Now available in green and purple – for 10 points – name this stereotypically red condiment prominently produced by Heinz.

Answer: ketchup

25. It is named after a Frenchman who never accepted calculus, though it is stated in terms of derivatives. It states that if a differentiable function takes the same value at two points, there is some point between them where the derivative is zero. For 10 points – name this special case of the more widely used Mean Value Theorem.

Answer: Rolle's Theorem

26. They've been playing the unreleased "Robot Parade" for years at concerts, and recently started live performances of "Fingertips". 717-387-6972 still reaches their Dial-a-Song service, though they're now busy doing the theme music for *Malcolm in the Middle*. For 10 points – name this geek-rock staple with albums such as *Miscellaneous T*, *Lincoln*, *John Henry*, and most recently, *Mink Car*.

Answer: They Might Be Giants

27. It was made public by the Times soon after it appeared in a November 1917 letter sent to Lord Rothschild. Lloyd George claimed that it was issued as thanks for Weizmann's wartime production of acetone. For 10 points – name this attempt by a British foreign secretary to strengthen the Allied war effort by stating Britain's support for the creation of a Jewish state in Palestine.

Answer: Balfour Declaration

28. He has been working on his current project, the White Oak Dance Project, since 1989. After joining the American Ballet Theater in 1974, this man turned to acting in 1977's *The Turning Point*, where he was nominated for an Oscar. He worked with Gregory Hines in *White Nights*. For 10 points – name this man, a member of the prestigious Kirov Ballet in the Soviet Union from 1966 until 1974, when he defected to Canada.

Answer: Mikhail Baryshnikov

2002 Martin Luther King Jr. Memorial Tournament

University of Michigan/Duke University

Bonuses by Rochester (Fred Bush, Zak Talarek, Mike Adelman, and Micha Elsner) and Ohio State (Edward Chang)

1. Kick enough ass, and maybe you too can become a War God! For fifteen points each, name:

A. (15) The Taoist god of war, noted for predicting the future. He was once a Han general beheaded by the kingdom of Wu, and a main character in the Romance of the Three Kingdoms.

Answer: Kuan Ti

Accept: Kuan Yu

Accept: Gwan Goong

B. (15) The Shinto god of war whose messenger is a pigeon. Historically, he was the son of the empress Jingo and led a famed expedition against Korea.

Answer: Hachiman

Accept: Ojin

2. Name the authors of the following French plays for 10 points each.:

A. (10) *The Blacks*, *The Balcony*, *The Maids*

Answer: Jean Genet

B. (10) *The Breasts of Tiresias*

Answer: Guillaume Apollinaire

C. (10) *Endgame*, *Krapp's Last Tape*

Answer: Samuel Beckett

3. Answer some questions about a noted photographer for 10 points each.

A. (10) First, who is best known for works including *Women*, *Olympic Portraits*, and *Stardust*?

Answer: Annie Leibowitz

B. (10) This feminist and author of *Against Interpretation* wrote the preface for *Women*.

Answer: Susan Sontag

C. (10) Among the most famous pictures in *Women* is one of this recently divorced model nursing her naked son Gabriel.

Answer: Jerry Hall

4. Identify the following U.S. Vice-Presidents for 10 points each.

A. (10) He was in charge of equipping the army during the civil war as chairman of the Senate Committee on Military Affairs, and later became vice-president, dying in office of stroke.

Answer: Henry Wilson

B. (10) Although he incurred significant debt to pay for state expenses, the loans caused legal trouble for him throughout his eight years as vice president until Congress granted him \$95,000 in 1824.

Answer: Daniel Tompkins

C. (10) He felt that the New Deal was too liberal and opposed Roosevelt's seeking of a third term, even briefly running for the 1940 nomination himself, before retiring to his Texas ranch.

Answer: John Nance Garner

5. Identify the following theories or concepts of 20th century physics for the stated number of points.

A. (5) This concept of Einstein's comes in two versions, "special" and "general".

Answer: relativity

B. (10) This theory claims that all particles are actually manifestations of tiny, vibrating loops of energy.

Answer: superstring theory

Prompt on: string theory

C. (15) This theory attempts to incorporate superstring theory with 11-dimensional supergravity.

Answer: membrane theory

Accept: matrix theory

6. Many composers' works get toyed with and rearranged after their initial publication. For 10 points each:

A. (10) This suite of piano pieces by Mussorgsky is often now heard in an orchestral version by Maurice Ravel.

Answer: Pictures at an Exhibition

B. (10) What prominent composer and pianist several decades after Beethoven helped popularize his symphonies by writing piano reductions of them?

Answer: Franz Liszt

C. (10) What conductor of the Philadelphia Orchestra wrote orchestral versions of Bach's organ music, including the Toccata and Fugue in D minor that he conducted in Disney's *Fantasia*?

Answer: Leopold Stokowski

7. Name these works by Gunter Grass for ten points each.

A. (10) Oskar Matzerath is born, harasses Nazis with a toy, is convicted of murder, and sent to a mental hospital.

Answer: Die Blechtrommel

English: The Tin Drum

B. (10) Joachim Malke, a high school student, becomes obsessed with a sunken Polish minesweeper in this novella.

Answer: Katz und Maus

English: Cat and Mouse

C. (10) *Cat and Mouse* and *The Tin Drum*, along with *Dog Years*, are set concurrently in this city.

Answer: Danzig

Accept: Gdansk

8. Answer the following questions about the early history of the National Football League for 10 points each.

A. (10) When was the NFL founded? Ten points for correct, five for within five years.

Answer: 1920

Accept: 1915 to 1925 for 5 points

B. (10) What name did the NFL bear when it was founded in 1920?

Answer: American Professional Football Association

C. (10) Which city saw its team, the Pros, win the APFA's first championship with a record of 8-0-3?

Answer: Akron

9. Shake, rattle, and name the following boundaries created by plate tectonics for 10 points each:
A. (10) In this type of boundary, crust is destroyed as one plate dives under another.

Answer: convergent boundary

B. (10) In this type of boundary, plates slide horizontally past each other, and crust is neither created or destroyed.

Answer: transform boundary

Accept: strike-slip boundary

C. (10) Here, crust is created as two plates pull apart from each other.

Answer: divergent boundary

10. Answer the following questions about an ancient African group, for 10 points each.

A. (10) This people from south of Nubia conquered both the rest of Nubia and, around 750 BC, all of Egypt, forming the 25th Dynasty.

Answer: Kushites (accept equivalents)

B. (10) After the Egyptians re-emerged and captured the Kushite capital of Napata in 590 BC, the capital moved to this city and remained there for 900 years.

Answer: Meroe

C. (10) Although Meroe resisted Roman invasion, it was overcome in the fourth century AD by this Christian Ethiopian empire.

Answer: Aksum

11. Identify the following about the axiomatic definition of probability for the stated number of points.

A. (5) The first axiom of probability states that a probability must lie between these two numbers.

Answer: 0 and 1

B. (5) The second axiom states that the probability of the event, the set of all possible outcomes, is equal to 1.

Answer: sample space

C. (10) The third axiom states that the probability of E union F is equal to the probability of E plus the probability of F if E and F have this property.

Answer: they are mutually exclusive (accept equivalents)

D. (10) An equivalent statement to the third axiom, this states that for a monotone sequence of sets, the limit of the probability of the sets in the sequence is equal to the probability of the limit of the sequence.

Answer: continuity of probability

12. Answer the following questions on the sacred writings of Hinduism.

A. (5/5/5/5) The Vedas fall into four main collections based on the religious function of the texts. Name the collections for five points each:

Answers: Rig

Sama

Yajur

Atharva

B. (10) These texts, whose name means "sittings near a teacher," are a continuation of the Vedic philosophy, written between the ninth and fifth centuries B.C.

Answer: Upanishads

13. For fifteen points, given a line, give the poem. If you need the author, you'll only get 10.

A. (15) Beauty is momentary in the mind/ the fitful tracing of a portal; / But in the flesh it is immortal.

(10) Wallace Stevens

Answer: Peter Quince at the Clavier

B. (15) Away, away, for I will fly to thee/ not charioted by Bacchus and his pards/ but on the viewless wings of Poesy

(10) John Keats

Answer: Ode to a Nightingale

14. Answer these questions about Prussian expansionism for the stated number of points.
A. (10) On September 2, 1870, the new German empire ended the Second Empire of France by winning this battle.

Answer: Sedan

B. (5/5) Prussia's victory in the Franco-Prussian war also gave them control over these two formerly French provinces.

Answer: Alsace and Lorraine

C. (10) The defeat of the French was masterminded by this man, the Prussian Chief of Army General Staff from 1857 to 1888.

Answer: Helmuth von Moltke

15. Answer the following about a setback in the war on Afghanistan for 10 points each.

A. (10) The US smuggled this former mujahedin leader into southern Afghanistan, only to see him caught and hanged by the Taliban within weeks of his landing.

Answer: Abdul Haq

B. (10) Unlike most of the Northern Alliance, Abdul Haq was a member of this most numerous ethnic group in Afghanistan.

Answer: Pashtun

Accept: Pathan

C. (10) Finally, Haq was brought in to try to usher in a coalition government under this exiled leader.

Answer: King Mohammed Zaher Shah

16. Identify the popular Japanese anime show given a short description for 10 points each.

A. (10) Five high school superheroines endowed with planetary powers fight the forces of evil.

Answer: Bishoujo Senshi Sailor Moon

English: Pretty Soldier Sailor Moon

B. (10) This series shown on the Cartoon Network features a high school student, a space bandit, 2 galaxy police officers, a princess and a very cute mix between a cat, rabbit and spaceship.

Answer: Tenchi Muyo

C. (10) Morisato Keiichi attempts to call out for lunch but instead ends up summoning a deity who grants him one wish.

Answer: Aa! Megami-sama

English: Ah! My Goddess

17. Given some mammals, name the order they are all in, for 10 points each.

A. (10) giraffes, camels, and pigs

Answer: Artiodactyla

B. (10) raccoons and seals

Answer: Carnivora

C. (10) bats, bats and more bats

Answer: Chiroptera

18. Identify the following terms from linguistics for ten points each.

A. (10) This term refers to a sound, such as "p", which is produced by a rapid expulsion of breath.

Answer: plosive

B. (10) This term refers to a sound, such as "f", which is created by a partial narrowing of the speech

canal using either tongue or lips.

Answer: fricative

C. (10) This term refers to a sound such as "sh", which is similar to a fricative but with less tensing

of the speech canal.

Answer: spirant or aspirant

19. Answer the following about politics in Greece for 10 points each.

A. (10) Name the current prime minister of Greece.

Answer: Costas Simitis

B. (10) Simitis is a member of this party, the same as his predecessor Andreas Papandreou.

Answer: Panhellenic Socialist Movement or Panosk

C. (10) Simitis' government has vowed that its \$600-million security precautions for this event will be reviewed, especially given the continued success of the terrorist group November 17.

Answer: 2004 Athens Olympics

20. For 10 points each, name the composers of the following operas:

A. (10) *Nabucco*, *Falstaff*

Answer: Giuseppe Verdi

B. (10) *Cinderella*, *Semiramide*

Answer: Gioacchino Rossini

C. (10) *The Woman with no Shadow*, *Capriccio*

Answer: Richard Strauss

21. In Chaucer's *Canterbury Tales*, several of the pilgrims hate each other. For ten points each:

A. (10) This pilgrim is a carpenter on the side, so he hates the Miller for telling a story about a carpenter being cuckolded. His story is about a miller being cuckolded by two college boys.

Answer: The Reeve

B. (10) This pilgrim hates the Friar, because the friar's tale was about one of his profession being taken to hell by a devil. His tale is about a greedy friar and lots of farting.

Answer: The Summoner

C. (10) This pilgrim is rudely told to shut up by the host, who is sick of his tale of Sir Topaz. When he protests, the host explains that his poem isn't worth a turd.

Answer: Geoffrey Chaucer

Accept: Author or equivalents

22. A. (10/10) This 1902 French rocket film, inspired by Verne and Wells, was considered the first science fiction film. Its director was known as a master magician and illusionist, and he appeared on screen as a professor. Name him and his film for fifteen points each.

Answer: Le Voyage dans le Lune by Georges Méliès

Accept: A Voyage to the Moon

B. (10) A *Voyage to the Moon* was the inspiration for this Smashing Pumpkins video.

Answer: Tonight, Tonight

23. Indonesia has had five presidents since its independence. For five points each and a five point bonus for all correct, name them.

Answers: Sukarno

Suharto

B. J. Habibie

Abdurrahman Wahid

Megawati Sukarnoputri

24. Given a meteor shower, name the month when fools are out in the middle of the night watching for it, for 10 points each.

A (10) Perseids

Answer: August

B. (10) Leonids

Answer: November

C. (10) Geminids

Answer: December

25. Given a mountain range, identify the tallest mountain in that range for ten points each.

A. (10) The Pamirs

Answer: Communism Peak (accept equivalents)

B. (10) The Karakoram

Answer: K2

Accept: Godwin Austin

C. (10) The Andes

Answer: Aconcagua

26. If this tournament is unduly depressing you, answer the following about possible remedies for the stated number of points.

A. (5/5/5/5) SSRIs such Prozac are the most popular treatments for depression. For five points each, expand the acronym SSRI.

Answer: Selective Serotonin Reuptake Inhibitor

B. (10) A popular alternative to prozac is cognitive therapy. For 10 points –which University of Pennsylvania scientist developed cognitive therapy?

Answer: Aaron Beck

27. Given a Supreme Court decision, give the number of the Constitutional Amendment that nullified the decision, for 10 points each.

A. (10) Dred Scott v. Sanford

Answer: 14th

B. (10) Chisholm v. Georgia

Answer: 11th

C. (10) Pollock v. Farmer's Loan and Trust Company

Answer: 16th