

2002 Martin Luther King Jr. Memorial Tournament
University of Michigan/Duke University
Tossups by Case Western Reserve University (Brandon Eilertson,
Josh Levit) and Encyclopedia Britannica Online

1. His early interest in science led him to Johns Hopkins, where he served as a valet to pay for school. After refocusing himself with a MBA from Harvard, he was hired by Salomon Brothers, but was fired when Phibro bought the company in 1981. Frustrated with the nature of information storage on Wall Street, he invented a terminal that became the lifeblood of the financial industry. For 10 points – name this media mogul, whose vast fortune and helped him win New York's 2001 mayoral race.

Answer: Michael Rubens Bloomberg

2. One of the plots is detected when the villain's servants are overheard by the Watch, but the constable's idiocy initially prevents it from described being clearly to Leonato. Another plot contrives to make two of the main characters fall in love by their overhearing of staged conversations. Containing such memorable lines as "When I said I would die a bachelor, I did not know I should live until I was married." – for 10 points – identify this Shakespeare work centering around of the love lives of Claudio, Hero, Beatrice, and Benedick.

Answer: Much Ado About Nothing

3. In addition to his architectural designs, he originated two lines of corrugated cardboard furniture, *Easy Edges* and *Experimental Edges*. Critically acclaimed structures include the Cabrillo Marine Museum and the Los Angeles Aerospace Museum. For 10 points – name this architect known for his quirky structures and use of inexpensive materials, best known for the Guggenheim Museum in Bilbao.

Answer: Frank O. Gehry

4. One end carries the CCA sequence, while the anticodon loop often experiences third position wobble. The ester linkage from the 3' end of it is used in peptide synthesis. These molecules are approximately 70 nucleotides long and have a characteristic cloverleaf structure. For 10 points – name this molecule, which functions as an adapter between amino acids and mRNA during protein synthesis.

Answer: transfer RNA

Accept: tRNA

5. His original name was Orion Pax, and he was destroyed in an energy raid, but was brought forward in time where he was reconstructed on Alpha Trion. His Ark crashed on earth 4 million years ago, but was reawakened in 1984 where he led his men in combat against the enemy. Killed in an attack on Metroplex, he was replaced by Ultra Magnus and then by Hotrod when Hotrod obtained the Matrix. For 10 points – identify this leader of the Autobots.

Answer: Optimus Prime

EHRHARDT: air-HART

BALTIKUM: bal-tih-KOOM

6. This revolt's immediate cause was the government's resolve to force the demilitarization of the right wing Freikorps Brigades, Ehrhardt and Baltikum. Though it forced the government to flee, it was broken by a general strike and the refusal of the civil service to follow orders, and the conspirators fled to Sweden. For 10 points – name this 1920 attempt at overthrowing the fledgling Weimar Republic, which was co-lead by Erich Ludendorff and the officer that it is named for.

Answer: Kapp Putsch

7. His interest in psychology and psychiatry originated while he was a student at Union Theological Seminary, New York City. While a professor at the University of Rochester he wrote *The Clinical Treatment of the Problem Child* in 1939. For 10 points – identify this psychologist known for stressing the importance of the relationship between the client and the therapist in the work *Client-Centered Therapy*.

Answer: Carl R. Rodgers

8. Their views were published in 1930's *I'll Take My Stand*, and many of this group's members went on to become leaders in the Agrarian movement of that decade. Allen Tate edited their bimonthly magazine, running from 1922-25. Other important group members included Donald Davidson and Robert Penn Warren. For 10 points – name this literary group formed at Vanderbilt University that was led by John Crowe Ransom.

Answer: Fugitive Poets

APRES UNE REVE: a-PRAY oon REHV

FAURE: faw-RAY

9. His instrumental works include *Masques et bergamasques* and a Pavane, and violin sonatas in A major and E minor. He served as the choirmaster and organist at La Madeleine, and was director of the Paris Conservatory from 1905 to 1920. *Après une Rêve* is the most famous song by, for 10 points, what French composer who omitted the *Dies Irae* and all the other hellfire bits from his setting of the Requiem.

Answer: Gabriel Fauré

10. Investigations of the decay mode of one type of this particle has led to an increased understanding of parity violation. The successful prediction of the existence of another type of this particle was an early success of Gell-Mann's and Neeman's Eightfold Way model. First proposed by Yuwaka in 1935 – for 10 points – identify these subatomic particles consisting of an even number of quarks and antiquarks.

Answer: mesons

11. Originally the ruler of Kii, he ascended to the throne due in 1716. He reduced the number of hereditary officers and also made an effort to improve education of government officials and to combat corruption. In addition, he attempted to expand the Japanese interest in Western science and made extensive legal reforms with the Kansei Code. For 10 points – identify this great Japanese ruler, the eighth of the Tokugawa shoguns.

Answer: Yoshimune Tokugawa

12. In 1961, this artist began reading lots of Wittgenstein, three years after a famous one-man show of his work at the Leo Castelli Gallery. Four years before that, he had done one of his most famous pop-art series using a familiar symbol. The encaustic technique was a trademark of – for 10 points – what pop artist and friend of Robert Rauschenberg who produced *Painted Bronze*, *Diver*, and a series of paintings of American flags.

Answer: Jasper Johns

13. Specific obligations and actions are excluded while ethical guidance, philosophical discussions, theological discussions, and stories about historical rabbis are all included in this non-normative type of rabbinical literature, which explains why Sofah is and Eruvin is not. For 10 points – name this division of the Talmud that, unlike Halakhah, is not subject to a final definitive ruling.

Answer: Aggadah

MAIAR: my-AR

AULE: oh-lay

AK-PHARAZHON: ak-fair-a-zon

14. Also known as Gorthaur the Cruel, he was originally a Maiar of Aulë. He killed Finrod in a duel while Finrod was defending Beren. In the Second Age he was taken prisoner to Numenor, where he convinced Ar-Pharazhon to defy the Valar, and after the Drowning of Numenor he was defeated in Middle Earth by the Last Alliance of Elendil and Gil-galad. Despite never making a direct appearance, this is – for 10 points – what title character of Lord of the Rings?

Answer: **Sauron**

15. In this reaction, a carbanion facilitates a nucleophilic attack on an electron-deficient carbonyl carbon. In the standard mechanism, an ester reacted with a strong base in ethanol, the carbanion intermediate then loses a hydride ion to produce a beta-keto ester. For 10 points – identify this reaction, the ester analog of the aldol condensation.

Answer: **Claisen Condensation**

16. The bride's father owns valuable vineyards. The bride was once courted by her cousin Leonardo Felix, and fears her impending marriage. Both the Bride and Leonardo abandon their spouses shortly after marriage, and they run away together. However, Death directs the jealous bridegroom to Leonardo and they kill each other. For 10 points – identify this play, the best known work of Garcia Lorca.

Answer: **Bodas de Sangre**

English: **Blood Wedding**

17. It occurs when the dimensions of the particles that are causing the scattering are larger than the wavelength of the scattered radiation. This phenomenon arises from the reflection of the shorter waves of incident light by finely dispersed particles situated above the dark layers of pigment, commonly melanin deposits. For 10 points – identify this phenomenon named for an amateur alpinist and used to explain why the sky is blue.

Answer: **Tyndall Effect**

18. These diseases can be classified in one of three major classes: an inorganic illness specific to an area, an inorganic universally defined but with a different salient feature, or an illness, organic or inorganic, only in certain areas. Examples include amok in New Guinea, the Evil Eye in the Mediterranean, Susto in Latin America, Koro in South China, and Windigo among the Cree. For 10 points – identify this psychological classification also known as a folk illness.

Answer: **culture-bound syndrome**

Accept: **folk illness** or equivalents early

19. When Fenris became too strong, the gods wished to place a chain on him, and this God was forced to place his hand in Fenris' mouth as a sign of goodwill. When Fenris discovered the chain being placed on him was unbreakable, the wolf bit his hand off. Mocked by the gods, he retained his strength and will fight at Ragnarok, where he will kill and be killed by Garm, the hound of Hel. For 10 points – identify this son of Odin, the Norse war god.

Answer: **Tyr**

20. He was elected German king as a compromise because he was a member of both the Welfs and the Hohenstaufens. His violations of the Concordat of Worms provoked a conflict in Northern Italy, with the Guelphs supporting the Papacy and the Ghibellines supporting him and his successors. He is best known however, for his campaign and death on the Third Crusade. For 10 points – identify this Holy Roman Emperor, who shares his sobriquet with the German invasion of Russia.

Answer: **Frederick I**

Accept: **Frederick Barbarossa**

21. Educated at Lawrence University, Delhi University and Oxford University, he is a composer and conductor. He earned his degree at Oxford in philosophy, psychology and physiology. Currently Dean of the School of Music at Rice University, he previously served as Director of the Wisconsin Conservatory of Music. For 10 points – name this man, the recently confirmed chairman of the National Endowment for the Arts.

Answer: Michael Hammond

22. He attended the universities of Kent and East Anglia. He initially gained notice in 1981 when he contributed three short stories to the anthology *Introduction: Stories by New Writers*. Other works include *An Artist of the Floating World* about a propaganda artist in the years after World War II, and *The Unconsoled*, a surreal description of a pianist's concert in an unnamed European city. For 10 points – identify this author who is best-known for his Booker Prize-winning *Remains of the Day*.

Answer: Kazuo Ishiguro

23. It stimulates growth in and secretion from the male testicular Leydig cells, and regulated by estrogen, progesterone, and gonadotropin releasing hormone. In women, it is secreted by the adenohypophysis and acts with follicle-stimulating hormone to induce ovulation of the ripe ovum and liberation of estrogen from the ovary. For 10 points – name this gonadotropic hormone found in humans.

Answer: Lutenizing Hormone

24. His battles with the Uzbeks, Persians, and the Deccan kingdoms served him well in his war of succession with his brother Dara Shikoh, whom he defeated and killed in 1658. He expanded his empire to its zenith, but his Muslim militancy alienated Hindus and led to a series of revolts and economic crises. When he died, the failure of his sons to resolve these issues led to the Mughal Empire's breakup. For 10 points – identify this man, the son of Shah Jehan.

Answer: Aurangzeb

25. Taking place in 1927 in a factory in Cicero, Illinois, a group of female workers over a period of almost a year were subjected to measured changes in their hours, wages, rest periods, and degree of supervision and consultation. For 10 points – name these socioeconomic experiments that found that sociological and psychological influences gave more marked results in performance changes than changes in wages and hours.

Answer: Hawthorne research

26. In Berlin he fell under the spell of the Young Hegelians, and then moved on to Dresden where he published in a journal his first credo, ending with the aphorism: "The passion for destruction is also a creative passion." For 10 points – identify this author of *The Knouto-Germanic Empire and the Social Revolution* and *God and the State*, widely regarded as the chief propagator of 19th century anarchism.

Answer: Mikhail Bakunin

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Bonuses by Case Western Reserve University (Brandon Eilertson,
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1. Life is better with monkeys. Answer questions about these monkey movies from plot summaries for 10 points each.

A. (10) Young boy befriends larcenous orangutan in luxury hotel.

Answer: Dunstan Checks In

B. (10) Murderous gorillas attempt to prevent explorers from exploiting an extremely rich diamond deposit in the African jungle.

Answer: Congo

C. (10) To prove that environment is more important than heredity, a professor adopts a lab chimp vows to "teach this monkey the difference between right and wrong."

Answer: Bedtime for Bonzo

2. For 10 points each, identify these characters from Upton Sinclair's *The Jungle*.

A. (10) A Lithuanian immigrant to Chicago, he is the novel's protagonist. He later becomes a socialist.

Answer: Jurgis Rudkus

B. (10) Jurgis' wife, she sells herself to her boss to feed her children. She dies in childbirth.

Answer: Ona

C. (10) Ona's cousin, she loses her job in the stockyards after an injury at work, she later resorts to prostitution.

Answer: Marija

3. Identify the following concerning the Russo-Japanese War for the stated number of points.

A. (10) The war started with this February 8, 1904 battle in what is now Lu-shun, China.

Answer: Port Arthur

B. (5) The war ended with this 1905 treaty, mediated by Theodore Roosevelt.

Answer: Portsmouth

C. (15) In the battle of Tsushima, this Japanese admiral led his fleet to a crushing victory over the Russian Baltic Fleet.

Answer: Togo Heichairo

4. For 10 points each, identify these American landscape painters from works.

A. (10) *Dreams of Arcadia*, *Consummation*, *The Oxbow*

Answer: Thomas Cole

B. (10) *The Rocky Mountains*, *Yosemite Valley*

Answer: Albert Bierstadt

C. (10) *Cotopaxi*, *Falls of Tequendama*, *Secluded Landscape at Sunset*

Answer: Frederic Church

5. Answer the following about Internet career sites for 10 points each.

A. (10) This career site was recently sold to Yahoo for \$436 million.

Answer: Hotjobs.com

B. (10) Yahoo defeated this largest internet job posting site in their bid for HotJobs.

Answer: Monster.com

C. (10) Hotjobs was sold by this New York based company

Answer: TMP Worldwide

6. Identify the following about Boston Public for the stated number of points.

A. (10) This high school is where the series takes place.

Answer: Winslow High

B. (10/10) These actors are the two major additions to this year's cast. One plays new guy Danny Hanson while the other plays lawyer-turned-teacher Ronnie Cooke.

Answer: Michael Rapaport and Jeri Ryan

7. For 10 points each, answer the following about thermodynamics.

A. (10) Known as a "throttling process," it is the change in temperature of a gas without work production or heat transfer.

Answer: Joule-Kelvin Effect

Accept: Joule-Thompson Effect

B. (10) This is the hypothetical perfect heat engine where the ratio of work output to heat input is equal to the ratio of the temperature difference of heat source and heat sink

Answer: Carnot cycle

C. (10) When a system comes in contact with a heat bath at a certain temperature, this quantity, given by $e^{-E_j/kT}$ biases the microstate distribution towards states with less energy.

Answer: Boltzmann factor

Do not accept: Boltzmann constant

8. Identify the following Southern generals for 10 points each.

A. (10) He started out well when he won the Battle of Bull Run, but throughout the war alienated his commanders through his near insubordination.

Answer: Pierre Gustave Toutant-Beauregard

B. (10) He would've gone down in history as "Defender of Atlanta" had Sherman not chased him out and burned it down. What remained of his army was destroyed by George Thomas at Franklin and Nashville.

Answer: John Bell Hood

C. (10) Despite having a 16,000 soldiers against 11,000, and launching a surprise attack on the Union rear, he managed to lose the Battle of Pea Ridge and was chased out of Arkansas.

Answer: Earl Van Dorn

9. 30-20-10. Identify the economist.

(30) In 1986, he was endorsed by Dick Cheney in an unsuccessful attempt at the U.S. Senate in California.

(20) In the 1990s, along with longtime partner, Victor A. Canto, he co-founded an economics consulting firm.

(10) This economist's supply-side theories held that reductions in federal taxes on businesses and individuals would lead to increased economic growth and, in the long run, to increased government revenue. His namesake curve illustrates this relationship.

Answer: Arthur Laffer

10. Answer these questions about the extinction that killed the dinosaurs for 10 points each.

A. (10) A layer of what element has been found in sediment from the time of the extinction.

Answer: iridium

B. (5/5) This layer is known as the K-T boundary, which two geologic periods are separated by the layer

Answer: Cretaceous and Tertiary

C. (10) This scientist proposed the theory that the layer is due to a bolide impact.

Answer: Walter Alvarez

11. Identify the following from Mesopotamian myth for 10 points each.

A. (10) This chief God of the city of Babylon and national God of Babylonia was originally seen as a god of thunderstorms.

Answer: Marduk

B. (10) This was the Chaldean dragon slain by Marduk.

Answer: Tiamat

C. (10) This was the goddess most often named as a consort of Marduk.

Answer: Zarpanit

12. For 10 points each, answer the following about electronegativity.

A. (10) The theory of electronegativity won a Nobel Prize for what man?

Answer: Linus Pauling

B. (10) Within 0.1, an electronegativity difference greater than what value is required to consider a compound ionic?

Answer: 1.7

Accept: 1.6 through 1.8

C. (10) An exception to the above is what compound, consisting of hydrogen and what most electronegative element?

Answer: hydrogen fluoride

13. For the stated number of points, identify the capitals of these states that have been in the news.

A. (5) Chechnya

Answer: Grozny

B. (5) Kosovo

Answer: Pristina

C. (10) East Timor

ANSWER: Dili

D. (10) Nagorno-Karabakh

Answer: Xankandi

Answer: Stepanakert

14. Identify the following concerning a religious order for the stated number of points.

A. (10) This order, arising just before the Dominicans in the 13th century, received approval from Innocent III in 1209.

Answer: Franciscans

B. (5/5) Throughout the late 12th and early 13th these two main factions of the Franciscans quarreled. One called for absolute poverty, while the other called for mitigated poverty.

Answer: Spiritualists and Conventualists

C. (10) This cardinal bishop of Albano, and minister general of the Franciscans recodified the constitution of his order in 1260. His major works include *Breviloquium* and a commentary on Peter Lombard's *Sentences*.

Answer: Saint Bonaventure or Giovanni Di Fidanza

15. Identify the Cavalier poet from works for the stated number of points.

A. (5) "Corrina's Going A-Maying", and "To The Virgins, to Make Much of Time"

Answer: Robert Herrick

B. (10) "To Althea, From Prison", and "To Lucasta"

Answer: Richard Lovelace

C. (15) "A Ballad Upon a Wedding", and "If You Refuse Me Once, and Think Again"

Answer: John Suckling

16. For the stated number of points, identify the following third parties from U.S. history.

A. (5) The byname of the American Party, they flourished in the 1850's under strong anti-immigrant and anti-Catholic sentiment. In 1856, Millard Fillmore was their presidential candidate.

Answer: Know Nothing

B. (10) This party's 2000 nominee for president was, once again, John Hagelin. They believe that government administration should be based on scientific understanding.

Answer: Natural Law

C. (15) Created by abolitionists in 1840, they dissolved when many of their members joined the Free Soil Party in 1848.

Answer: Liberty

17. Given a state, name its highest point for 10 points each.

A. (10) California

Answer: Mount Whitney

B. (10) North Carolina

Answer: Mount Mitchell

C. (10) Colorado

Answer: Mount Elbert

18. 30-20-10. Identify the actor from roles

(30) Emperor Joseph II in *Amadeus*, Doctor Jennings in *Howard the Duck*

(20) Charles Dietz in *Beetlejuice*, Skip Tyler in *The Hunt for Red October*

(10) Reverend Steenwyck in *Sleepy Hollow*, Edward R. Rooney, Dean of Students in *Ferris Bueller's Day Off*

Answer: Jeffrey Jones

SONNAMBULA: son-nam-boo-lah

19. Given operas, identify the composer for 10 points each.

A. (10) *La sonnambula* and *Norma*

Answer: Vincenzo Bellini

B. (10) *The Return of Ulysses to his Own Country* and *The Fable of Orpheus*

Answer: Claudio Monteverdi

C. (10) *Vanessa and Antony* and *Cleopatra*

Answer: Samuel Barber

CLEISTHENES: kleis-then-eez

20. Identify the following Athenian leaders for the stated number of points.

A. (10) This leader's basic reform of 508 BCE was to reorganize the entire citizen body into 10 new tribes, from which the Council of Five Hundred would be drawn.

Answer: Cleisthenes

B. (10) This Athenian lawgiver's program is detailed in his poetry, and according to Herodotus, he told Croesus to consider no man happy until that man was dead.

Answer: Solon

C. (10) After being forced out of the city in 556 BC by Lycurgus and Megacles, in 546 BCE, this tyrant of Athens unified Attica. This consolidation led to rapid improvement of the city.

Answer: Pisistratus

FEUERBACH: foy-er-bahk

21. Given works, identify the following philosophers on a 10-5 basis.

A. (15) *The Present Age*, and *On the Difference Between a Genius and an Apostle*

(10) *Fear and Trembling*, and *Either/Or*

Answer: Soren Kierkegaard

B. (15) *Thoughts on Death and Immortality*

(10) *The Essence of Christianity*

Answer: Ludwig Feuerbach

22. Given plays, identify the Greek playwright for the stated number of points.

A. (10) *Philoctetes*, and *Oedipus at Colonus*

Answer: Sophocles

B. (10) *Persians*, *Seven Against Thebes*

Answer: Aeschylus

C. (10) *Dyscolus*, and *Arbitrators*

Answer: Menander

23. For 10 points each, name the director from films.

A. (10) *La Dolce Vita*, and *8 ½*

Answer: Federico Fellini

B. (10) *Un Chien Andalou*, and *Robinson Crusoe*

Answer: Luis Buñuel

C. (10) *L'Enfant Sauvage*, and *Fahrenheit 451*

Answer: Francois Truffaut

24. For 10 points each, identify the following mammalian orders from members.

A. (10) wolves, bears, dogs, and cats

Answer: carnivora

Accept: carnivores

B. (10) dolphins, porpoises, and whales

Answer: cetacea

Accept: cetaceans

C. (10) pikas, rabbits, and hares

Answer: lagomorpha or

Accept: lagomorphs

25. Identify the ancient Greek sculptor from works for 10 points each.

A. (10) Zeus at Olympia, Parthenon Athena

Answer: Phidias

B. (10) *Discobolos*, *Maryas*

Answer: Myron

C. (10) *Hermes carrying the boy Dionysius*, *Aphrodite of Knidos*

Answer: Praxiteles

26. Identify the book from characters for 10 points, five if you need the author.

A. (10) Ikemefuna, Umuofia

(5) Chinua Achebe

Answer: Things Fall Apart

B. (10) Stephen Kumalo, Absalom

(5) Alan Paton

Answer: Cry, The Beloved Country

C. (10) Nadia May, Mehring

(5) Nadine Gordimer

Answer: The Conservationist