

Tossups by The Four Peers (Matt Schneller, Sam Dalvi et al) for 1998 Tennessee Masters

1. After 1877, this artist signed his paintings with an oriental ideogram of a butterfly, a practice he adopted after losing a lawsuit concerning a portrait of the daughter of the Greek consulate which had been refused because his signature was too large. He sold the work to F.R. Leyland, who promptly hired him to repaint some tooled leather decorations in his room so they would match the portrait's color scheme. Unfortunately, Leyland left the keys and the result was the very expensive "Peacock Room." This artist showed his work to the adoring press, but the reclusive homeowner successfully sued for invasion of privacy. FTP, name the creator of the Peacock Room, better know for such works as his "Thames" sequence, *Symphony No.1 in White*, and the *Nocturne* series of paintings.

answer: James Abbot McNeill Whistler

2. This play went through numerous revisions and edits before its 1895 premiere in London. It was shortened from the intended four acts to the three traditional for comic theater, and production details included such minutiae as an airy muffin mix to allow the characters to say dialogue with their mouths full. The oddities continue, as a male in drag traditionally plays a primary female role, Lady Bracknell. FTP, name the comedy featuring the witty dialogue of Cecily Cardew, Gwendolyn Fairfax, Jack Worthing, and Algernon Moncrieff, by Oscar Wilde.

answer: The Importance of Being Ernest

3. This inventor said, "Basic research is what I am doing when I don't know what I am doing." Productive in both pure and applied fields, this German engineer was extremely successful in jobs at such locales as Peenemunde, Huntsville, and White Sands. He created the Saturn V launch vehicle to propel Apollo astronauts into space, but is better known for his earlier inventions. FTP, name the inventor of the liquid-fuel rocket known as the "V2."

answer: Werner von Braun

4. The local budget increased from around two million dollars in 1901 to \$11 million in 1924, primarily due to the 1917 passage of this bill, which allowed national taxes to be collected into the local treasury. However, it is for the establishment of a "limited vote" for certain senators and representatives that the bill is better known. FTP, name the law which granted American citizenship to the inhabitants of the new territory of Puerto Rico.

answer: Jones Act

5. Located approximately 70 miles northwest of the Bo Hai gulf, this city is encircled by the Hebei province. Designed along the north-south axis typical of Chinese town planning, it features the long Avenue of Animals. Lined with such marble statues as elephants, lions, and horses, this street progresses through the city's northwest suburbs to the burial grounds of the Ming emperors. FTP, name the city that is home to Zhongnan Hai, the walled complex of buildings and parks that houses China's top leaders.

answer: Beijing (accept: Peking)

6. Among Anglo-Saxons, this word meant a "fort" or other fortified place. The word gradually came to mean a unit of local governmental jurisdiction. In the Domesday Book of William the Conqueror, there are 82 separate units of this type listed as existing on English soil. Currently, there are 32 of this unit in Greater London, subdivided into "county" versions of 75,000 or more people and several smaller, noncounty units with special or ancient privileges. FTP, name this term that applies to certain incorporated town units in Minnesota, Pennsylvania, and--most notably--in New York City.

answer: borough

7. One of the most prominent of the early biologists, his works such as *History of Plants* and *Etiology of Plants* were the first systemized treatment of botany. Other scientific works include *History of Physics*, *On Stones*, *On Fire*, and *On Winds*. His book of ethical sketches, *Characters*, is seen by some as the first essay collection. FTP, name the philosopher born in 372 BC, best known as Aristotle's successor as head of the Lyceum.

answer: Theophrastus

8. For his work with this class of chemicals, Hans Fischer received the 1930 Nobel Prize in chemistry. In addition, an ailment caused by their lacking probably killed George III of England. Composed of large rings built of four smaller chains, the four small pyrrole rings encircle a metal atom. FTP, name the colorful group of chemicals, examples of which include the iron-centered heme in hemoglobin and magnesium-centered chlorophyll.

answer: porphyrins (prompt on early "porphyria")

9. Born in France around 1430, she was the daughter of Rene I, Duke of Anjou. Her military acumen was on display throughout her rule, as she sought to secure the throne for her son Edward. However, he was killed at the battle of Tewkesbury by Yorkist forces, and she was forced to surrender her French property in exchange for Louis XI's ransom. FTP, name the strong-willed, active queen consort of England during the reign of Henry VI.

answer: Margaret of Anjou

10. This British poet said, "No opera plot can be sensible, for people do not sing when they are feeling sensible." Perhaps this explains the relative incomprehensibility of his melodramatic libretto for Igor Stravinsky's *The Rake's Progress*. He wrote plays for the Group Theatre, such as *The Dance of Death* and *The Ascent of F6*, but is better known for poems like "The Cherry Tree." FTP, name the Anglo-American author of *Nones*, *The Sea and the Mirror*, and *The Age of Anxiety*.

answer: Wystan Hugh Auden

11. This mathematical system's reconciliation of geometric reality and algebraic abstraction allowed for the breakthroughs in tensor analysis that facilitated Einstein's work on the theory of general relativity. Building upon innovations made by Lobachevsky, Bolyai, and Gauss, this geometric system provided an important level of integration between Euclidean ideas and the geometry of complex surfaces. FTP, identify the system of generalized differential geometry named for the nineteenth-century German better known for his calculus "sums."

answer: Riemannian geometry (accept Riemann geometry)

12. He proposed in a plebiscite that the people accept Attalus' legacy of the kingdom of Pergamum, but the measure was not passed. Additionally, he sought the creation of a second tribunate. Radical as those were, it was the proposed limit of 500 *iugera* per landowner, plus up to 250 additional *iugera* per son, that was the backbone of his platform. The campaign against the latifundia, or great estates, was enacted into law over Octavius' veto in 133 BC. FTP, name the son-in-law of Appius Claudius and grandson of Scipio Africanus, who was murdered by Scipio Nasica when he tried to run for tribune for an unprecedented second consecutive year.

answer: Tiberius Sempronius Gracchus

13. Matter consists of fermions whose interactions are mediated by bosons. The Quantum Field Theory of strong-force interactions is explored through the field known as quantum chromodynamics, while the QFT of weak and electromagnetic forces is explored in the field known as electroweak. The general theory combining knowledge from these fields does not, however, unify them--nor even mention gravity! Worse still, it contains several arbitrarily defined parameters to explain away inconsistencies. FTP, give the name for the summary of contemporary understanding of subatomic physics.

answer: The Standard Model

14. They are not, strictly speaking, gods, and have nothing at all in common. They include such people as the street-singer Lan Ts'ai-ho, and the ascetic T'eih-kuai Li, but the most well-loved is Lu Tung-pin, the story of whose conversion is related in the play *Dream of the Yellow Sorghum*. Often accompanied by an effigy of the god of Long Life, they have the right to attend the feasts given by Lady Wang, the wife of the August Personage of Jade. FTP, name this inseparable group, given eternal life through the practice of Taoist doctrine.

answer: Eight Immortals (accept Pa-hsien, but chide player for their lack of a life)

15. Born around 1890 in Germany, he was an active member of the radical fringes of the German Communist Party. Once he began to feel heat from governmental authorities in the 1920s, he split to Mexico, where this novelist adopted a pseudonym to avoid detection by German spies. He documented the 1910 Mexican Revolution in his six-volume *Caoba Cycle*, but is better for a classic work of proletariat fiction. FTP, name the secretive author of *The Treasure of the Sierra Madre*.

answer: Rex Marut (accept B. Traven)

16. He supported Emperor Shirakawa II in the *Hogen no Ran* civil war of 1156 in his victory over the retired emperor Sutoku. This provided him with an immediate power base that he used four years later to attempt a coup d'etat with Fujiwara Nobuyori, but it was soon crushed by Taira Kiyomori. He quietly built a more substantial block of power, and a fleet under the control of this brother soundly defeated the Taira clan in the battle of *Dan no Ura*. FTP, name the brother of Minamoto Yoshitsune, the first of the Minamoto emperors of Japan.

answer: Minamoto Yoritomo (prompt on early "Minamoto")

17. It premiered to rave reviews in Perm in the summer of 1942. Set in a kolkhoz, or cotton cooperative, this ballet tells the story of the title character's abuse at the hands of her alcoholic husband, Giko. Such numbers as the "Dance of the Young Maidens" and "Lezhinka" were popular among audiences, but the real demand for the suites to this, its composer's first ballet, was due to one song. FTP, give the name of Aram Khachaturian's first major success, the popularity of which was due in large part to the frenetic number known as the "Sabre Dance."

answer: Gayaneh (prompt on "Sabre Dance" on first sentence ONLY)

18. A necessary technology in most advanced microprocessor and digital chip designs, this term refers to the wizardry that allows hundreds of thousands of components such as sinks, wells, and transistors to be placed onto a single microchip. The technology that allows for the increasing speed and complexity of integrated circuits, the field surrounding this technology is necessitated by the speed advantages inherent in the use of tiny components. FTP, give the four-letter acronym.

answer: VLSI (accept Very Large Scale Integration or ULSI or Ultra Large Scale Integration)

19. His revealing letters to his longtime friend, American literary critic Edmund Wilson, reveal more of his personality than any of his quasi-autobiographical works of fiction. He wrote under the pen name Vladimir Sirin for emigre presses in Berlin through the 1930's, when he moved to France and published his last novel in Russian, *The Gift*. FTP, name the author of a comic look at the American university entitled *Pnin* as well as the more serious novels *Mary* and *Glory*.

answer: Vladimir Vladimirovich Nabokov

20. The spot where this fruit landed in Aldorf, Switzerland, is commemorated by a large statue, while the "custard" variety makes up over two thirds of all species of magnolia trees. Morels, a delectable form of mushroom, grow best in abandoned orchards of it, and the fruit is also a slang term for the eggs of gall wasps. Morton Subotnik wrote a musical fantasia about a "silver" version of the fruit, while Eudora Welty has written a book about the more common "golden" type. FTP, what was the fruit growing in the orchard on the isle of the Hesperides?

answer: apple

21. Title 1 is a "bill of rights" for union members which guarantees protection against discrimination, the right to freedom of speech and assembly, and the right to sue. Title 2 deals with disclosure by the union of finances and disclosure by union officials of conflict of interest involvements. Title 3 protects trusteeships from abuse, Title 4 establishes standards for democratic union elections, and Title 5 aims to protect union finances from mishandling, prohibiting bribes and payoffs in employer-union dealings. In addition, former Communist Party members are prohibited from holding office for five years. FTP, name this 1959 act, enacted after extensive Congressional investigation into union racketeering, which sought to "eliminate or prevent improper practices on the part of labor organizations."

answer: Landrum-Griffin Act or Labor-Management Reporting and Disclosure Act

22. Its chemical name is 17-beta-hydroxy-androst-4-ethylenediamine-3-one. With chemical formula $C_{19}H_{28}O_2$, it possesses protein anabolic properties, manifested by retention of nitrogen, calcium, phosphorus, and potassium, and is essential in maintaining muscle mass and bone tissue in the adult male. Produced by the interstitial Leydig cells in response to stimulation by the luteinizing hormone of the anterior pituitary gland, it is thought to be responsible for regulation of wolffian duct differentiation, gonadotropic secretion, and spermatogenesis. FTP, name this steroid, the principal and most potent androgenic hormone responsible for secondary sex characteristics in males.

answer: testosterone

23. In anthropology, the fascination is not sexual but religious, as supernatural attributes are linked with, most commonly, a figure carved of rock, wood, or clay, occasionally made to look like a defiled animal. In some cases the original relationship between it and a god are so intermingled that the belief merges into idolatry. FTP, give the term used in psychology to refer to items such as shoes, feet, or an item of intimate sexual apparel, as part of a sexual disorder in which erotic impulses and fantasies repeatedly involve the use of tangible objects.

answer: fetish

24. Born in Connecticut in 1860, she was educated at the Rhode Island School of Design and worked as a teacher and commercial artist before devoting herself to feminism. Her early works, such as *Concerning Children*, *The Home*, and *Human Work*, denounce women's financial dependence on men and support day-care programs and "cooperative kitchens." Although considered the leading intellectual in the women's movement from the 1890's to the 1920's, her work was largely ignored until the 1970's. FTP, name this American feminist writer, best known for her book *Women and Economics*, a comprehensive analysis of women's past and present position in society and of the reasons for their subordination.

answer: Charlotte Perkins Gilman

25. Commissioned by Emperor Temmu to quell the revisionism of noble families attempting to gain additional rights, it is a semi-mythical account of the origins and nature of the Japanese emperors. It was completed during the reign of the Empress Gemmyo by the historian O no Yasumaro, who collected the stories of Hieda-no-Are into book form. Composed in 712 B.C., it is written entirely in Chinese characters used phonetically to create Japanese words. FTP, name the oldest document of Japanese literature and the first codification of Shinto legend.

answer: Kojiki

26. This occurs when mosses bear antheridia and archegonia on separate branches. It also occurs in seed bearers when staminate and pistillate occur on different branches of the same plant. FTP, give the term for the condition in which an organism bears male and female sex organs on different parts of the itself, from the Greek for "in one house."

answer: monoecism

27. This theater company is headquartered in Manchester, England. It has included such notable actors in its standing troupe as Tom Courtenay. The success of its production of "The Dresser" led to a movie version under the direction of Peter Yates, for which Courtenay was nominated for an Academy Award. FTP, identify this theater company which shares its name with a mutually pleasing sexual position and a reversible number.

answer: 69 Theatre Company

28. One critic called its central figure "a female gorilla." The realistic portrayal of the nude employed by its creator led some to think of it as, "Art sunk so low does not even deserve reproach." When it was first unveiled at the Salon in 1863, the canvas was physically attacked by disgruntled viewers. In response, caretakers hung the painting far above a doorway, where it could barely be seen, much less assaulted. To the right, a black cat stalks at the foot of the bed. A black servant is seen presenting a basket of flowers to the title figure, whose only attire is a flower, a bracelet, a string, earrings, and a pair of slippers. FTP, name this nude painting by Edouard Manet.

answer: Olympia

29. "The Wide Skirt," "Smash A Little Windowpane," "Good Friday Fare," "Fizz Powder," "The Christmas Play," "The Ant Trail," "The Hedgehog," "In the Onion Cellar," and "The Ring Finger" are all chapters within this novel. Published in 1959 as *Die Blechtrommel*, it is the autobiography of Oskar Matzerath, a 30 year-old man being held in a mental institution. Willfully stunting his growth at three feet, Oskar expresses his hatred and abhorrence of Nazism by continuously playing his beloved percussion instrument. FTP, name this work, acclaimed as the greatest German novel created since the end of World War II, and written by Gunter Grass.

answer: The Tin Drum

Bonuses by The Four Peers (Matt Schneller, Sam Dalvi et al) for 1998 Tennessee Masters

1. Answer the following about genetic engineering, for 10 points apiece.
 - A. This type of DNA is used to add genetic information to a species where it does not usually occur. It will bond to areas on the host with the same restriction enzyme.
answer: recombinant DNA
 - B. Strands of recombinant DNA are initially weakly bound. What sealing enzyme is commonly used to secure the new DNA to the host?
answer: ligase
 - C. To avoid injuring the host cell, a somewhat unobtrusive manner of inserting recombinant DNA must be used. Name either of the two naturally occurring vectors (transmitting agents) often used for this transfer process.
answer: plasmids or bacteriophages

2. Identify the Catalanian epics, for 10 points each.
 - A. Written by the Portuguese knight Vasco de Lobeira, this epic was first published in four volumes by Garcia Rodriguez de Montalvo in 1508. It follows the adventures of the bastard son of Perion, king of Wales, and Elisena, princess of Brittany. He was known as the "child of the sea" after his mother abandoned him.
answer: Amadis of Gaul
 - B. This poem by Luis Vaz de Camoens, composed while he was on post in Macao, describes the navigational triumphs of Vasco da Gama in ten cantos of ottava rima. It is considered the national epic of Portugal.
answer: The Lusiads
 - C. The Spanish national epic, it is based upon the adventures of Roderigo de Bivar and was written in 1140 by an anonymous Castilian.
answer: Poema del Cid

3. Answer the following questions about the later stages of the Peloponnesian War, for 10 points each.
 - A. This 405 BC battle ended in disaster for Athens when the Spartans destroyed their fleet in the Hellespont.
answer: Aegospotami
 - B. This Spartan military commander engineered the final defeat of Athens at Aegospotami and was charged with the responsibility of creating a new Athenian state.
answer: Lysander
 - C. Lysander teamed with Athenian oligarchs to form this ruling junto in Athens. It lasted about a year before its overthrow by Thrasybulus.
answer: Commission of Thirty (accept Thirty Tyrants)

4. Name the works of the following operatic one-hit wonders For 10 points each.
 - A. The only work of Friedrich von Flotow to make it into the modern repertoire, this comic opera is based on his earlier ballet, *Lady Herriette*. The title character disguises herself as a commoner and falls in love with the peasant Lionel.
answer: Martha or, The Richmond Fair
 - B. Louis Gruenberg and K. de Jaffe made few changes to Eugene O'Neill's play of the same name to create this 1932 opera, except to make the main character commit suicide.
answer: The Emperor Jones

C. Based upon Giovanni Verga's one-act play of the same name, this 1890 opera is subtitled "Sicilian popular scenes." This Pietro Mascagni opera relates the story of the Easter-day duel between mafioso types Alfio and Turiddu.

answer: Cavalleria rusticana (accept Rustic Chivalry)

5. Identify the early Renaissance masters from brief descriptions, for 10 points each.

A. Building upon the works of Duccio, this Siennese painter introduced the fresco technique to the Siennese school. He lived in Assisi and Avignon for a time, producing such works as a cycle depicting the life of St. Martin of Tours.

answer: Simone Martini

B. This Florentine artist tutored Sandro Botticelli. Known for somewhat impious religious scenes featuring attractive Madonnas and grinning cherubs, he infused his realistic paintings with the detailed lines of Gothic art.

answer: Fra Filippo Lippi

C. His real name was Antonio Benci, and he is best known for his design for the tomb of Pope Sixtus IV, his engraving *The Battle of the Nudes*, and the altarpiece *The Martyrdom of St. Sebastian*.

answer: Antonio Pollaiuolo

6. Answer the following about American involvement with Cuba in the 1890s, for 10 points each.

A. This American tariff bill's highly protective character decimated the sugar industry and caused massive revolts.

answer: Wilson-Gorman Tariff

B. This Spanish military figure was charged with putting down the native insurgents, a task that he carried out with ruthless abandon.

answer: General Valeriano "Butcher" Weyler

C. This letter was published in William Randolph Hearst's *New York Journal* in February 1898. In it, the Spanish minister to the U.S. harshly criticized President McKinley, escalating tensions between Spain and the U.S.

answer: de Lome Letter

7. Identify the following substances from chemical formulas, for 15 points or from brief descriptions for 5.

A. For 15, its formula is cis-1,4-polyisoprene.

B. For 5, this substance is naturally soft and tacky, but is far more useful when vulcanized.

answer: natural rubber

A. For 15, its formula is 4-pregnene-3,20-dione.

B. For 5, this hormone is secreted from the corpus luteum and prepares the lining of the uterus for the implantation of the fertilized ovum.

answer: progesterone

8. Identify the American literary figures, 15-10-5.

A. 15: He played professional football and worked in agriculture before beginning his writing career.

10: *You Have Seen Their Faces*, *Call It Experience*, and *With All My Might* are some of his lesser-known works, along with the short story "Country Full of Swedes."

5: From his home in White Oak, Georgia, he wrote such novels as *God's Little Acre* and *Tobacco Road*.

answer: Erskine Preston Caldwell

B. 15: An associate editor of *Fortune* magazine from 1929 to 1933, she studied Bolshevik Russia in her films *Eye on Russia* and *Red Russia*.

10: She was married to Erskine Caldwell for five years.

5: At *Life* magazine, she became the first woman photojournalist to see field action. Her autobiographical *Portrait of Myself* is her best known writing.

answer: Margaret Bourke-White

9. It's time for one of Matt's weird mythology bonuses! This time, the topic is Roman agricultural divinities and the format is 5-10-15.

A. 5: The "climax," so to speak, of her festival saw the twenty most beautiful women of the city drop their dresses before an excitable crowd. This behavior seems a bit out of place in a celebration for the goddess of flowers, but there is no record of any complaints having been filed on the matter.

answer: Flora

B. 10: The son of the shepherd Sybaris and the maiden Valeria Tusculanaria, he was the god of the woods. Similar in appearance to Faunus and Pan, he was eventually appropriated into their cults.

answer: Silvanus

C. 15: This god, among the most ancient in Rome, actually had two festivals--the first a post-harvest celebration on the 21st of August and the second on the 15th of December, immediately after the sowing. It was during one of the autumn celebrations that the Romans abducted the Sabine women.

answer: Consus

10. Given a description of an Antarctic explorer, name him. 5-10-15.

A. Beaten by Peary to the North Pole, this Norwegian was the first to reach the South Pole. He died in a plane crash while looking for the lost Italian explorer Umberto Nobile.

answer: Captain Roald Amundsen

B. The Antarctic career of this Irishman began under the command of Captain Robert F. Scott, but after Scott's death he discovered the world's largest glacier, Dawson Lampton. He was the first to ascend Mt. Erebus and was stopped only 97 miles from being the first to reach the Pole.

answer: Sir Ernest Henry Shackleton

C. This British geologist was the first to traverse the continent by land, accomplishing the feat in a 99-day voyage from 1957-58.

answer: Sir Vivian Ernest Fuchs

11. Answer the following questions about the subatomic particles known as "quarks," for the stated number of points.

A. For 5 points per answer, name the three quarks originally proposed in 1963 by Murray Gell-Mann and George Zweig.

answer: up, down, strange

B. For another 5 points—name either of the American physicists who proved the existence of the charm quark in 1974.

answer: Burton Richter or Samuel Ting

C. For a final 10 points—give the composition of the proton.

answer: two up quarks and one down quark

12. You'll get 10 points if you can identify the librettist from a description of the opera, or from the title of the piece for 5.

A. 10: This opera opened in Hartford, Connecticut, with an entirely black cast, a first for 1934. Despite the title, there are actually about 30 characters introduced, but the action focuses upon Ignatius Loyola and Theresa of Avila.

5: *Four Saints in Three Acts* answer: Gertrude Stein

B. 10: Octavian enjoys a dalliance with Marschallin, but falls in love with Sophie while proposing to her on the behalf of his cousin, Baron Ochs. Octavian is unable to give Sophie the beautiful silver rose signifying Ochs' interest, and the two end up together.

5: *Der Rosenkavalier* answer: Hugo von Hofmannsthal

C. 10: Part I chronicles the fall of Troy, while Part II sees Aeneas defend Dido from a Numidian attack. The story, drawn so closely from Virgil that the chorus uses dactylic hexameter in much of the opera, ends with Dido's self-immolation.

5: *Les Troyens*

answer: Hector Berlioz (he wrote his own libretto)

13. Norwegian, economist, both, or neither? 5 points per answer.

- A. Ragnar Frisch answer: both
B. Paul Anthony Samuelson answer: economist (American)
C. Gustav Viegland answer: Norwegian (sculptor)
D. Jan Tinbergen answer: economist (Dutch)
E. Harry Holkeri answer: neither (Finnish politician)
F. Alexander Kielland answer: Norwegian (author)

14. Identify the Christian doctrinal texts, 5-10-15.

A. Written by Melancthon in 1530, it received Martin Luther's seal of approval and became the most important of the Lutheran confessions.

answer: Augsburg Confession

B. The primary doctrinal differentiation between the Episcopalian and Anglican churches is the Episcopalians' decision not to recognize this confession of faith. Penned in the early 5th century, it is named after the Alexandrian monk who is traditionally credited with its creation.

answer: Athanasian Creed or Creed of Athanasius (accept Quicumque vult)

C. It technically applies to two separate documents of doctrine in the Swiss Reformed Church. The first moderates between the positions of Luther and Huldreich Zwingli, but the second endorsed Zwingli's positions wholeheartedly.

answer: Confession of Basel (accept Helvetic Confession)

15. Answer the following questions about organ transplantation, for 10 points each.

A. This organ was the first to be transplanted in 1951, and nearly 100,000 are transplanted each year.

answer: kidney

B. Nearly 2,000 heart transplants occur in the U.S. each year, but the first was carried out by what South African physician?

answer: Dr. Christiaan Barnard

C. This drug, derived from a fungus found in the soil, completely deactivates T-cells. With the immune system thus suppressed, the body is far less likely to reject the transplant.

answer: cyclosporine

16. Identify the important documents in British unionist policy, for 10 points each.

A. This bill three times passed the House of Commons in 1913 but was twice rejected by the House of Lords. Ulster Unionists signed the Belfast Covenant pledging to ignore the bill's provisions.

answer: Home Rule Bill

B. This legislation, passed on September 18th of the following year, postponed the enactment of the provisions of the Home Rule Bill, and a similar act providing for a Welsh legislature until after the close of World War I.

answer: Suspensory Bill

C. This 1920 document reported upon the status of British rule in Egypt. It described the problems of British rule in such detail that the British unilaterally terminated the protectorate two years later.

answer: Milner Report

17. Identify the mountain chain, 30-20-10-5.

A. This chain rises to an average height of 22,000 feet and includes a particularly high stretch known as the Baltoro group.

B. Among the most prominent members of the Baltoro group is Broad Peak, an extremely wide mountain that has four separate summits, the largest which measures in at 26,400 feet.

- C. Just north of Broad Peak is Mount Godwin Austen, a 28,250-foot tall mountain.
D. Mount Godwin Austen is often known as K-2, a shortening of the mountain chain's name and the peak's status as the second tallest mountain on earth.
answer: Karakoram Range or Karakoram Shah

18. Identify the prominent physics laboratory, for 10 points each.

- A. Funded by the U.S. Departments of Energy and Defense, this lab was originally known as the Berkeley Radiation Laboratory. It has since been named after two prominent scientists.
answer: Lawrence Livermore National Laboratory (or Lawrence Berkeley National Laboratory)
B. This science building at Cambridge was named after the British scientist who asserted that water was composed of "dephlogisticated air united with phlogiston."
answer: Cavendish Laboratory of Experimental Physics
C. Located in Batavia, Illinois, this particle accelerator and laboratory is sponsored by the U.S. Department of Energy and a consortium of universities in the U.S., Japan, and Canada. This is the location where 1995 discovery of the top quark occurred.
answer: Fermi National Accelerator Laboratory (accept Fermilab)

19. Name the ancient Japanese author from clues, 5-10-15.

- A. The wife of Fujiwara Nobutaka, she wrote the literary classic *Tale of Genji*.
answer: Lady Murasaki Shikibu
B. A rival to Lady Murasaki in the Heian courts of Empress Akiko, this influential courtier is best remembered for her "pillow book."
answer: Sei Shonagon
C. The master of the haiku form of poetry, this author derived his common nickname from the type of hut in which he lived. A Zen Buddhist, he is best known for the poem "The Narrow Road to the Deep North."
answer: Basho (accept Matsuo Munefusa)

20. Identify the African nation from a description of its fight for freedom, for 10 points each.

- A. It seceded from France under President Fulbert Youlou in April 1960, but he was quickly replaced by Alphonse Massamba-Dobat.
answer: Republic of Congo
B. It broke from the U.N. mandated Belgian territory on July 1, 1960 under the domination of a monarchical, minority Tutsi government. That system was quickly overthrown and Uprona, the only legal political party, began a new republic under the leadership of President Michel Micombero.
answer: Burundi
C. On January 1, 1964, this nation broke from Rhodesia to form an independent state. After the requisite infighting, a republic was established under President Kamuzu Banda.
answer: Malawi (prompt on "Nyasaland")

21. Prostitution is, of course, the oldest profession. For nearly as long, authors have found a way to write about the world of paid sex. Name these authors of these novels with similar titles, for 10 points each.

- A. *The Honest Whore: Parts I and II* answer: Thomas Dekker
B. *'Tis a Pity She's a Whore* answer: John Ford
C. *The Respectful Prostitute* answer: Jean-Paul Sartre

22. Answer the following questions about the Rat Pack, for the stated number of points.

- A. For 5, this actress of *Key Largo* and *The Big Sleep* coined the term.
answer: Lauren Bacall
B. For 5, she applied the term to the drinking buddies of her husband and frequent costar. Name him.

answer: Humphrey Bogart

C. Frank Sinatra became a junior member of Bogart's drinking circle and eventually co-opted the term after Bogart's death in 1957. For 5 points per answer, name the four constant members of the Sinatra's Rat Pack.

answer: Dean Martin, Sammy Davis Jr., Joey Bishop, Peter Lawford

23. Name the female activist, 30-20-10.

A. In 1849 she became deputy postmaster of Seneca Falls, New York.

B. She said in 1851, "Men call us angels, and boast of the deference they pay to our weakness!"

C. As part of her campaign for the emancipation of women she popularized the full trousers that have become synonymous with her last name.

answer: Amelia Bloomer

24. Answer the following about muscles, for the stated number of points.

1. For 5, this term meaning "fleshy husk" is the specialized cell membrane surrounding a muscle cell, and is capable of propagating action potentials.

answer: sarcolemma

2. For 10, these tightly packed, contractile proteins are embedded within the cytoplasm of each muscle cell. These cylindrical subunits run parallel to the length of the cell, crowding the nuclei to its periphery, where they are found just beneath the sarcolemma.

answer: myofibril

3. For 15, myofibrils are composed of these units, each of which is about 3 micrometers in length. Each unit is composed of two filaments, thick and thin, arranged longitudinally. The Z line is where thin filaments are anchored, while the I band is a region that contains only thin filaments. The A band marks the extent of the thick filaments, which are held in place at the M line. The sliding of the thick and thin filaments is responsible for muscle contraction.

answer: sarcomere

25. Given a work by a muckraking author, name him, for 5 points each.

A. *The Treason of the Senate*

answer: David Graham Phillips

B. *The World of Graft*

answer: Josiah Flynt Willard

C. *The Bitter Cry of the Children*

answer: John Spargo

D. *The Greatest Trust in the World*

answer: Charles Edward Russell

E. *The Struggle for Self-Government*

answer: Lincoln Steffens

F. *Frenzied Finance*

answer: Thomas Lawson

26. Identify the artist from clues on a 30-20-10-5 basis.

A. This painter nearly burned alive when, dressed as Santa Claus to amuse his kids, the cotton padding in his costume caught fire from candles on the Christmas tree.

B. Born in 1871, his lifelong concern was to redeem humanity through exposing evil. In his early work, he concentrated on condemning prostitutes and corrupt judges with savage brushstrokes.

C. As a youth, he was apprenticed to a stained glass maker and repaired medieval cathedral windows.

D. Late in his life, this Fauve portrayed sad circus clowns, and after 1918 virtually all his work dealt with religious subjects, especially the face of Christ, as seen in *The Old King*.

answer: Georges Rouault