## MCM 2002

## Round 9

TOSSUPS by the Mad Freelancer Anthony de Jesus

1. His wife's son, Maxime Weygand, was the general who surrendered the French army to Hitler in 1940. Carlota's son was not his, though she was pregnant when she went to Europe in 1866 to plead for support. Refusing to help him was the man who had put him on the throne, Napoleon III. For 10 points--name this younger brother of Franz-Joseph of Austria, a would-be emperor of Mexico.
ANSWER: Ferdinand Maximilian von Hapsburg
2. In art, she is often depicted holding a rudder in one hand and a cornucopia in the other. Shrines such as those at Antium and Praeneste were dedicated to this goddess who, as fertility goddess, was worshipped as the bringer of prosperity, but who was later the subject of prayers for the luck that brings prosperity. For 10 points, name this Roman goddess of luck and chance, who is invoked in the Carmina Burana.
ANSWER: Fortuna
3. Mike Parker was forced to resign as its head after testifying before Congress that Bush budget cuts would have a "negative impact." The Manhattan Project takes its name from the Manhattan district of this organization, which has a civil works program despite being a military command. For 10 points--the U.S. Capitol Building, Alaska Highway, and Panama Canal are projects worked on by what construction branch of the Army? ANSWER: United States Army Corps of Engineers
4. Its poet later explained that he was referring to a type of pigeon in this poem when he wrote of fantails embroidered on a sheet. Set at a funeral or a wake, it calls for flowers in last month's newspapers to be brought by boys, wenches to dawdle in such dress as they are used to wear, and the muscular roller of big cigars to whip in kitchen cups concupiscent curds. For 10 points--name this short poem by Wallace Stevens. ANSWER: The Emperor of Ice Cream
5. His 56 out of 126 votes beat out the 30 of Bobby Jackson and the 20 of Quentin Richardson. Drafted 13th overall by Sacramento in 1995, he signed a six-year contract worth $\$ 32.5$ million in the summer of 2000 , but was traded to Toronto before the ensuing season and then to Detroit, where this forward has been coming off the bench. For 10 points--name the most recent winner of the NBA's Sixth Man Award, who won an NCAA title in 1994 with Arkansas.
ANSWER: Corliss Williamson
6. Although these compounds had been synthesized by Alfred Stock, their potential explosiveness made them difficult to study. Linus Pauling suggested that they were held together by two-center covalent bonds, but William Lipscomb suggested a three-center bond, in which an electron pair unites three atoms. For 10 points--name these unstable, "electron deficient" molecules, which include such compounds as $\mathrm{B}_{2} \mathrm{H}_{6}$.

ANSWER: boranes or boron hydrides
7. In 1960, Duke Ellington and Billy Strayhorn reworked this piece of classical music. Among their changes were re-scoring "Toot Toot Tootie Toot" for two clarinets, since the band lacked flutes for the "Dance of the Reed Flutes." The celesta's theme was adapted to Ellington's piano in the "Dance of the Sugar Plum Fairy." For 10 points--name these selections, which actually premiered in a concert hall before the actual ballet by Tchaikovsky.
ANSWER: The Nutcracker Suite
8. Insulted when he was name official Carver-of-Meats instead of commander of the attack against the Persians by Agesilaus II, he abandoned the Libyan king and returned home. Killed by a surprise raid while leading an attack on Kaliartus during the Corinthian War, this son of Aristocritius was limited by law to only one term as navarch and had no official title when he attacked the Athenians. For 10 points--name this victor at Aegospotami.
ANSWER: Lysander
9. It contains reserve parks founded mainly to protect the Kori bustard and the fat-tailed dunnart, two birds that live in the area. Bounded to the east by the Mulligan River, to the west by the Finke River, and to the south by the Macdonnell Ranges, it is an example of a sand ridge desert, in which dunes are arranged on north-south lines. For 10 points--name this desert lying in the Northern Territory, Queensland, and South Australia. ANSWER: Simpson Desert
10. He described a person seeking a relative in a Russian city in The Master of Petersburg, while in Dusklands he compared U.S. actions in Vietnam to Boer colonization. His description of a magistrate who learns to question the government in Waiting for the Barbarians won the CNA Award, highest literary prize of South Africa. For 10 points--who reworked Robinson Crusoe in Foe and won a Booker Prize for The Life and Times of Michael K?
ANSWER: John Michael Coetzee
11. One example is the Kula ring, in which necklaces move clockwise and armbands move counterclockwise in the Trobriand Islands. Usually flowing along lines such as kinship or band membership, it is the predominant form of exchange in foraging societies. For 10 points--name this form of gift exchange, which obligates the recipient to return something of equal value.
ANSWER: reciprocity or reciprocal distribution
12. Cambridge philosopher Thomas Taylor anonymously satirized it, extending its reasoning to dogs, cats, horses, and other "brutes." This work holds that "slavery will have its constant effect, degrading the master and the abject dependent." Written in response to Talleyrand's desire for free education for all boys in France, it calls for good education for both sexes. For 10 points--name this 1792 feminist tract by Mary Wollstonecraft.

## ANSWER: A Vindication of the Rights of Woman

13. Some of them appear to be used to produce RNA molecules that regulate the expression of certain genes. Found in eukaryotes but not prokaryotes, they may facilitate genetic diversity since the frequency of recombination is related to distances along DNA. Several snRNPs [snurps], or small nuclear ribonucleoproteins form larger molecules called spliceosomes which--for 10 points--remove what non-coding segments of DNA which are found between exons?
ANSWER: introns or intervening sequences
14. Pachuco members preferred calling them "drapes" They had wide shoulders allowing for wild arm movements and tight trouser cuffs so as not to catch heels. Although the media and general public associated them with gangsters, they were designed for dancing. For 10 points--name these outfits worn by Mexican-American youths, associated with Los Angeles riots in 1943.
ANSWER: zoot-suits
15. This term was coined in 1959 by Allan Kaprow, who drew upon several sources, including the aesthetics of John Dewey, the music of Kaprow's teacher, John Cage, and the painting technique of Jackson Pollock. The first one, involved eighteen rooms, with spectators moving between rooms. Although planned, it is not rehearsed, and depends on audience participation. For 10 points--give this term for a type of performance art. ANSWER: happening
16. Henry was a Mississippi Senator who once drew a gun at Thomas Hart Benton after a debate on slavery while Justin and his descendants of the same name appear through Robert Heinlein's "Future History." This last name is also held by the author of novels such as Tournament, Follow Me Down, and Love in a Dry Season. For 10 points--give the last name of the author of Shiloh, a Civil War historian named Shelby.
ANSWER: Shelby Foote
17. Oskar Pfungst and a commission headed by Berlin University professor of psychology and philosophy Carl Stumpf tested him. Pfungst reported that his apparent abilities were due to microsignals from Mr. von Osten, a retired school teacher who wanted to prove that anyone could learn if taught properly. For 10 points--what horse appeared to be able to do basic math, identify colors, and read and spell in German? ANSWER: Clever Hans
18. Knocking the Beatles' "I Feel Fine" on the charts, it was the first number one hit in the U.S. by an English woman. In Girl, Interrupted, it is used to serenade one of the patients, who has been locked up. The lyrics describe a way to forget one's troubles at a place where all the lights are bright, waiting for you tonight. For 10 points--name this place where you can always go when you're alone and life is making you lonely, according to Petula Clark.
ANSWER: "Downtown"
19. The first attempts to consider them mathematically came from Lord Kelvin's belief that atoms were vortices in the ether in this form. A system of them is called a link. Two of them are considered the same if one can be deformed to be identical to the other without crossing strings. For 10 points--name these closed curves in three-space found in topology.
ANSWER: knots
20. This character shares a name with the title of a 1973 film by Fassbinder. The day she dances the tarantella at a ball, she also gets her husband to promise that he will not go near the mailbox, but he still ends up reading that this character had forged a note for 250 pounds from the moneylender Krogstad. For 10 points--name this woman who finally sees her husband as a hypocrite intent on an unequal marriage and who leaves Torvald at the end of A Doll's House.
ANSWER: Nora Helmer
21. John Bright opposed it in Parliament with his "angel of death" speech. It caused Aberdeen to lose the prime ministry and Lord John Russell to lose leadership of the Liberal Party to Lord Palmerston, who became P.M during it. Sardinia declared war, hoping for British support in expelling Austria from parts of Italy. For 10 points--name this 19th century war fought mostly between Russia and the Ottoman Empire. ANSWER: Crimean War
22. The first of its 101 stanzas attempts to relate the tale to Felix Brutus, while the end includes the words "Honi soit qui mal y pense" - Shamed by the one who thinks evil of it. Of the many works on its subject, it is the only one to contain both of the two stories which folklorists call "the Temptation" and "the Beheading Game." For 10 points--name this poem about an Arthurian character, attributed to the anonymous Pearl Poet. ANSWER: Sir Gawain and the Green Knight
23. In 1837 Michael Faraday was the first to examine the use of this type of material. The loss of potential energy when one of these is used is due to the work required to introduce it into the system. Its characteristic strength is the maximum electric field it can withstand before breaking down. It allows more charge to be stored at the same potential difference. For 10 points--name this insulating material whose constant is the capacitance with it divided by the capacitance of a capacitor filled with vacuum.
ANSWER: dielectrics
24. In 1984, a court ruled in favor of Arthur Obermayer, who claimed that his company, Moleculon, had a 1972 U.S. patent for this device, based on the work of Larry Nichols. Marketed by Ideal Toys, this tool of logic was invented by a professor at the University of Budapest. For 10 points--name this brain-teasing puzzle invented by a namesake Hungarian.
ANSWER: Rubik's Cube
25. The original was destroyed when a crowd from the neighboring hippodrome set fire to it. Intended as an embodiment of imperial power, the replacement took only five years
to build, so some said that angels helped build it. Its most notable features are the curving pendentives and the forty windows around the base of the dome. For 10 points--
Anthemius of Tralles and Isidorus of Miletus were chosen by Justinian to design what
Constantinople church?
ANSWER: Hagia Sophia

BONUSES by the Mad Freelancer Anthony de Jesus

1. For 10 points each--name these people concerned with pre-Iron Chef cooking in Japan:
A. The Shijo school of cooking was founded by Yamakage of this clan, which ruled during the Heian period.
ANSWER: Fujiwara
B. This warlord captured the prized chef Tsubouchi upon defeating the Miyoshi clan, but was assassinated prior to uniting Japan. After his death, Toyotami Hideyoshi continued the drive for unification.
ANSWER: Oda Nobunaga or Nobunaga Oda
C. This chef founded the Bshoku Club in 1921, but is better known as a ceramicist who made his own dishes because he felt that there were not enough quality ceramics suitable for plating his food.
ANSWER: Kitaoji _Rosanjin_[NOTE: Iron Chef's premise is in part Chairman Kaga's search for an "heir to Rosanjin."]
2. Annibale was assisted by his brother, Agostino, and founded an art academy in Bologna with his cousin, Ludovico. For 10 points each--
A. Give the last name of this Italian art family.

ANSWER: Carracci
B. Anibale Carracci painted The Triumph of Bacchus and Ariadne for this Roman palace to celebrate the wedding of Duke Ranuccio of Parma.
ANSWER: Palazzo Farnese
C. That painting for the Palazzo Farnese is a notable example of this technique, intended to fool viewers' eyes into perceiving that the subject exists in three dimensions. ANSWER: trompe l'oeil
3. Name these plays of the Theater of Cruelty, for 10 points each:
A. Based in part on a verse tragedy by Percy Bysshe Shelley, this 1935 play is the only one that Antonin Artaud actually wrote to illustrate the tenets of his Theater of Cruelty.
ANSWER: Les Cenci or The Cenci
B. Perhaps the best known work of the Theater of Cruelty, this 1964 play by Peter Weiss portrays a theatrical production in an asylum.
ANSWER: Marat/Sade or Die Verfolgung und Ermordung Jean Paul Marats dargestellt durch die Schauspielgruppe des Hospizes zu Charenton unter Anleitung des Herrn de Sade or The Persecution and Assassination of Jean-Paul Marat as Performed by the Inmates of the Asylum of Charenton Under the Direction of the Marquis de Sade
C. Influenced by the Theater of Cruelty, this Jean Genet play is set inside a bordello, where the patrons pretend to be the leaders of the city, who have been destroyed in a revolutionary frenzy.
ANSWER: The Balcony or El Balcon
4. Name these animals of Irish myth, for 10 points each.
A. The meat of this animal is a sacred dish served during the feast of the gods. That of Formael killed fifty hounds, fifty warriors, and the hero Failbhe Finnmaisech.

ANSWER: boar
B. Three of these dwell in the Cave of Cruachan, which is the entrance to the Otherworld. There is also a story of one of these capable of changing into a ball of fire as a guardian of Otherworld treasure.
ANSWER: cat
C. These creatures traditionally represented prophetic knowledge, though they were also symbolic of a warrior's prowess, as demonstrated by the skill of Connla son of Cuchlainn, who could kill them with his voice.
ANSWER: birds
5. Name these things from the work of Nobel Laureate chemist and Matterhorn-scaling scientist Irving Langmuir, for 10 points each.
A. Langmuir identified six forces, including Coulomb, Van der Waals, and valence forces, which take part in this phenomenon, in which a substance retains other molecules on its surface.
ANSWER: adsorption
B. Langmuir coined this term for an ionized gas.

ANSWER: plasma
C. Langmuir later became an advocate for the use of dry ice and silver iodide in this process of weather control developed with Vincent Schaefer.
ANSWER: cloud seeding
6. A French author's work inspired two operas. For 10 points each--
A. This French novelist wrote the seven-volume Memories and Adventures of a Man of Quality, the last of which is known as Manon Lescaut.
ANSWER: Abbé Prévost or Antoine François Prévost d'Exiles
B. In addition to the 1884 work Manon, other operas by this composer include Le Cid, Werther, and Thaïs.
ANSWER: Jules Émile Frédéric Massenet
C. In addition to the 1893 work Manon Lescaut, this man's operas include Tosca and Turandot.
ANSWER: Giacomo Puccini
7. Name these American Revolutionary figures, for 10 points each.
A. This colonel was supposed to occupy Bunker Hill but took Breed's Hill by mistake. General Thomas Gage sent William Howe to storm his position, and he retreated after his men ran out of ammo.
ANSWER: Colonel William Prescott
B. Commissioned by Governor Patrick Henry of Virginia, he captured the British forts at Kaskaskia, Cahokia, and Vincennes in the Northwest.
ANSWER: George Rogers Clark
C. Replacing Gates after Camden, this general's victories included Kings Mountain. ANSWER: Nathaniel Greene
8. One of the biggest loads of crap ever is what is officially known as the Bank of Sweden Prize in Economic Sciences in Memory of Alfred Nobel. For 10 points each--
A. This economist died in 1983 without a prize because the Nobel committee feared she might refuse it or use it to attack mainstream economics. She studied technological, demographic, and socio-psychological dimensions in her work The Accumulation of Capital.
ANSWER: Joan Robinson
B. His prize in 1994, given with John C. Harsanyi and Reinhard Selton, was nearly voted down because of his history of mental illness.
ANSWER: John Forbes Nash Jr
C. At the 1974 Nobel banquet, this author of The Road to Serfdom held that he would have advised against creating the Economics prize in the first place.
ANSWER: Fredrich August von Hayek
9. For 10 points each, name the following from Wendy's commercials.
A. This late founder appeared in over 800 commercials for Wendy's.

ANSWER: Dave Thomas
B. This woman is remembered in the 1980s for shouting "Where's the beef?"

ANSWER: Clara Peller
C. Some post-Thomas ads use this city, Thomas' hometown, a suburb of Columbus, Ohio, that is home to Wendy's headquarters.
ANSWER: Dublin, Ohio
10. For 10 points each--name these parts of a kidney which are neither Bowman's capsule nor the loop of Henle:
A. This functional unit of the kidney consists of a long tubule and a ball of capillaries.
ANSWER: nephron
B. This ball of capillaries in the nephron is surrounded by Bowman's capsule.

ANSWER: glomerulus
C. This looped network of capillaries service the loop of Henle.

ANSWER: vasa recta
11. Name these early English composers, for 10 points each.
A. This "always sorrowing" composer was the lutenist for Christian IV of Denmark and James I of England. His First Song of Books or Ayres was the most reprinted music book of its time.
ANSWER: John Dowland [Dowland's motto was "Semper Dowland Semper Dolens""Always Dowland, Always Sorrowing."]
B. This Catholic composer's works can be found in Ladye Nevell's Virginal Booke and the Fitzwilliam Virginal Book. He was granted a music publishing monopoly under Queen Elizabeth.
ANSWER: William Byrd
C. Byrd originally shared the monopoly with this "father of English Cathedral music." Although he composed motets such as the 40 -part Spem in Alium, he is better known for being used by Ralph Vaughan Williams.
ANSWER: Thomas Tallis
12. Screw German capitals. It's Spain time. For 10 points, name the capital of:
A. The autonomous region of Catalonia.

ANSWER: Barcelona
B. Vizcaya Province in the Basque Country.

ANSWER: Bilbao
C. Asturias autonomous region and the coterminous province of the same name. ANSWRE: Oviedo
13. Between the end of the Harlem Renaissance and the beginning of the civil rights movement of the 1950s, a major flowering of African American culture was the Chicago Renaissance. For 10 points each--
A. A major figure of the Chicago Renaissance was this author of Native Son.

ANSWER: Richard Wright
B. This author of Jubilee is best known for her poem "For My People."

ANSWER: Margaret Walker
C. The Langston Hughes column featuring Jesse B. Semple first appeared in this newspaper run by Robert Abbots.

## ANSWER: Chicago Defender

14. On Thursday Evening, July 11, the USA Today site was hacked. Answer these questions about the scurrilous stories posted by the hackers. FTPE:
A. A story subtitled "An American Beauty" alleged that this former CEO of General Instrument and current Bush cabinet member is gay.

ANSWER: Donald _Rumsfeld_
B. The hacked site reported that President Bush had created the position of Cabinet Minister for Propaganda and Popular Enlightenment to complement this newly proposed agency.

ANSWER: _Department of Homeland Security_
C. A third story reported that the Pentagon had been ruled unconstitutional by the same court that recently made a similar ruling regarding the Pledge of Allegiance. What U.S. Circuit Court of Appeals made that ruling?

ANSWER: _9_th U.S. Circuit Court of Appeals
15. For 10 points each--name these Jewish rituals performed during or after a funeral:
A. This tear is made in the garments of the members of the immediate family just before the closing of the coffin.
ANSWER: keriah
B. This prayer of sanctification of God, originally a prose-poem in Aramaic, is recited during the period of mourning.
ANSWER: Kaddish
C. This quorum of ten adult males is the minimum required for mourners saying the first kaddish at home.
ANSWER: minyan
16. Name these ways of classifying linguistic sounds, for 10 points each.
A. As opposed to obstruents, these consonants involve air released through the nose.

ANSWER: sonorants
B. " Z " as opposed to " S " is an example of what type of consonant sound in which the vocal cords vibrate.
ANSWER: voiced sounds
C. These sounds are produced by bring the bottom lip to the upper teeth.

ANSWER: labiodentals
17. Death rules! For 10 points each:
A. What German author dies suddenly of the plague at the end of Thomas Mann's Death in Venice?
ANSWER: Gustave von Aschenbach
B. Richard Aldington's Death of a Hero concerns the World War I death of this man, who appears to have intentionally allowed himself to be killed by standing up during a barage.
ANSWER: George Winterbourne (accept either part)
C. This title character commits suicide to give his family the insurance money in Death of a Salesman.
ANSWER: Willy Loman
18. Name these compilers of astronomical catalogs, for 10 points each.
A. The first star catalog is credited to this astronomer, who made observations from Nicaea and Rhodes.
ANSWER: Hipparchus
B. The first astronomer royal of England, he noted the positions of about 3,000 stars in his Historia Coelestis Britannica.
ANSWER; John Flamsteed
C. In 1774, this French astronomer published the first version of his catalog, which contains star cluster, nebulae, galaxies and other items, intended to distinguish them from comets.
ANSWER: Charles Messier
19. Name these members of the French Academy who are not known primarily as writers, for 10 points each.
A. A proponent of négritude, this poet became the first president of Senegal. ANSWER: Léopold Senghor
B. A victor at the First Battle of the Marne, this general later lost the command of the French armies which he had held at the beginning of World War I.
ANSWER: Joseph Jacques Césaire Joffre
C. From 1905 to 1957, save when imprisoned for refusing to collaborate with the Vichy government, he was mayor of Paris. He also occasionally served as premier of France, representing the Radical Socialist Party.
ANSWER: Édouard Herriot
20. For 15 points each--name these players given wildcards into the 2002 edition of Wimbledon.
A. Coming back from a several knee injuries, this player made the quarterfinals at the All England Club from 1998 to 2000 and lost to Patrick Rafter in the finals of the 1998 U.S. Open.
ANSWER: Mark Philippoussis
B. This Belarussian is coming back from two years off the tennis circuit. She won the doubles at Wimbledon from 1991 to 1994.
ANSWER: Natasha Zvereva
21. Name the following from The Count of Monte Cristo, for 10 points each:
A. Give the first and last name of the title character.

ANSWER: Edmund Dantes
B. Edmond Dantes escapes by pretending to be the corpse of this neighbor prisoner, an old man who reveals the secret treasure in a cave on the uninhabited island of Monte Cristo.
ANSWER: Abbé Faria
C. Dantes had been imprisoned after following his captain's dying request to visit this island, where he was given a sealed letter which revealed the incriminating family history of Villefort.
ANSWER: Elba
22. Their name means "finders" or "inventors." One term was used in the south and the other in the north of France. For 10 points each--
A. Give these two terms for minstrels, which start with the same letter, one group using the langue d'oc of Provençal and the other using the langue d'oill which later evolved into modern French.
ANSWER: trobadours and trouvères
B. For 10 points--these German knightly poet-musicians were modeled after the troubadours. As their name suggests, they sang about love, and they were eventually replaced by the Meistersingers.
ANSWER: Minnesingers
23. For 10 points each--name these hypothetical particles:
A. This faster-than-light particles loses energy as it goes faster.

ANSWER: tachyon
B. This particle of time is approximately 10 to the negative 24th seconds, the time it takes for a photon to traverse the diameter of an electron.
ANSWER: chronon
C. Supersymmetry suggests that the fermionic electron would differ only in spin from this "superpartner," a hypothetical boson.

## ANSWER: selectron

24. Name these reactions to the French Revolution, for 10 points each.
A. Thomas Paine's Rights of Man was a response to this prediction of anarchy and dictatorship by Edmund Burke.
ANSWER: Reflections on the Revolution in France
B. Believing that William Pitt would never join in and desiring to be rid of French aristocratic émigrés, Holy Roman Emperor Leopold II, brother or Marie Antoinette, issued this declaration that he would take military steps to restore order in France, but only if all the other European powers would join him.
ANSWER: Declaration of Pillnitz
C. On July 25, 1792, Austria and Prussia issued this proclamation that they would exact retribution militarily from the people of Paris should the king and queen of France be harmed in any way.
ANSWER: Brunswick Manifesto
25. Name the following from A Fish Called Wanda, for 10 points each.
A. John Cleese plays this lawyer, whose name happens to also be the real name of Cary Grant.
ANSWER: Archie Leach
B. John Cleese was not the only Monty Python member in the movie, as this man played the diamond thief Ken.
ANSWER: Michael Palin
C. Kevin Kline won a Best Supporting Actor Oscar for playing this American partner of Wanda, Ken, and George.
ANSWER: Otto
