

UMKC Shootout in the Old West Tossups (UM-Rolla B)

1. Born in Switzerland in 1707, he is considered to be one of the three greatest mathematicians of modern times. He is responsible for the discovery of the gamma function, the modern definition of the natural log function, and the famous relationship which shows that  $e$  to the  $i$  times  $\pi$  power is equal to negative one. FTP, name him.

ANSWER: Leonhard EULER (OY-ler or YOO-ler)

2. Published in 1898, this novel begins with the line, "No one would have believed in the last years of the nineteenth century that this world was being watched keenly and closely by intelligences greater than man's and yet as mortal as his own." FTP, name this novel.

ANSWER: THE WAR OF THE WORLDS

3. FAQTP, in what state would you find the counties of Lincoln, Mineral, Esmerelda, Humboldt, Eureka, and Clark?

ANSWER: NEVADA

4. His *Toward a Psychology of Being* defined a pyramid of deficiency needs and being needs, all necessary to reach the point of "self-actualization." FTP, name this man, a pioneer in humanistic psychology.

ANSWER: Abraham MASLOW

5. This 18 year old figure skater is described by the press as "a hard-partying night owl" and "the next Tonya Harding." Not only does she refute these charges, she hopes to be the next Olympic gold medalist and a role model for America's youth. FTP, name this current U.S. Women's Figure Skating champion.

ANSWER: Nicole BOBEK

6. An atom or ion that has noble-gas electron configuration has a high chemical stability. Similarly, a nuclide having 2, 8, 20, 28, 50, 82, or 126 protons or neutrons is especially stable with respect to radioactive decay. FTP, what name is given to this set of numbers which can be used to predict the final product of a radioactive transmutation?

ANSWER: MAGIC NUMBERS

7. Three years ago, America mourned the passing of this hero. Created in the 1930s, he was immortalized in cartoons, movies, and a television series. FTP, name this superhero killed by the creature known as Doomsday.

ANSWER: SUPERMAN

8. Samuel Coleridge's legendary poem "Xanadu" was conceived and written during one of his many drugged stupors. Unfortunately, the work remains unfinished because an unexpected visitor disturbed the author, who was unable to remember the rest after the interruption. FTP, give the pseudonym for this mysterious stranger, identified only by the city from which he came.

ANSWER: THE MAN FROM PORLOCK

9. Japan's long isolation from the rest of the world meant that it remained technologically inferior to the Imperialist Europeans. For ten points, name the revolution of 1868 which led to an opening of Japan to Western ideas and institutions.

ANSWER: MEIJI Restoration

10. This composer was director of the Boston Pops Orchestra and wrote scores for such movies as Superman: The Movie, The Indiana Jones trilogy, and Schindler's List, for which he won an Academy Award for Best Musical Score. FTP, name this composer.

ANSWER: John WILLIAMS

11. One of the most amazing talents of this American writer was his ability to accurately portray places and events with which he had no prior experience. Before writing his first novel, a 19th-century urban drama set in New York, he had never seen the city in person. His second novel, a vivid depiction of the horror of battle, was written years before he ever witnessed real combat. FTP, name this author of Maggie and The Red Badge of Courage.

ANSWER: Stephen CRANE

HALFTIME

12. FAQTP, during what period did dinosaurs first become the dominant creatures on Earth?

ANSWER: TRIASSIC Period

13. Hera was jealous of her since she was loved by Zeus. Zeus turned her into a heifer in an attempt to hide her from Hera but Hera ended up having her tormented by a gadfly. FTP, name this mortal whose name is now given to one of JupiterFs moons.

ANSWER: IO

14. This artist, his wife, and his dog are the subject of a Paul Simon song. His trademark works include men with bowlers falling from the sky. FTP, name this Belgian surrealist, painter of "The Key of Dreams."

ANSWER: Rene MAGRITTE

15. This sport involves one person against another with the weapon of choice being a rapier. For protection and scoring purposes, each participant wears a white padded suit and a face mask.. FTP, name this sport whose two major U.S. training clubs are in Kansas City and New York.

ANSWER: FENCING

16. Although this book is best known as a children's story, a historian might analyze it as a metaphor for the Populist movement in the latter half of the 19th century, using symbolism to make several political statements about issues like the gold standard and urban corruption. FTP, name this work by L. Frank Baum.

ANSWER: THE WIZARD OF OZ

17. It is an artificial mound of stones or boulders used in modern times as a boundary marker and in ancient times to cover burials. FTP, what is this structure, whose name is Gaelic in origin?

ANSWER: CAIRN\_

18. "Ready to Wear", "Cadillac Man", "Short Cuts", "Bull Durham", "The Player", and "The Shawshank Redemption". FTP, name the actor who appears in all of the aforementioned films.

ANSWER: Tim ROBBINS

19. This Holy Roman Emperor died while traveling to Palestine for the Third Crusade. For ten points name this Emperor whose name was used as the operational title for the Nazi German attack on the Soviet Union.

ANSWER: BARBAROSA

20. FAQTP, tell me the primary use of the sodium salts of carboxylic acids?

ANSWER: SOAP

21. This band was assembled in 1968 by the lead guitarist of the recently defunct Yardbirds and played its first tour under the billing "The New Yardbirds." After adopting a new name coined by Keith Moon, the group made their record debut in 1969 and continued for more than a decade before the death of their drummer in 1980. FTP, name this British blues-rock quartet that was recently inducted into the Rock & Roll Hall of Fame.

ANSWER: LED ZEPPELIN

22. "Non-Combatant - A dead Quaker." This passage is part of a literary work began as a series of newspaper columns appearing between 1881 and 1906. It was published in full in 1911, entitled The Cynic's Word Book. FTP, name this "satanic lexicon" by Ambrose Bierce.

ANSWER: The DEVIL'S DICTIONARY

TIE-BREAKERS:

1. Vostok, Leningradskya, Halley, Casey, Showa, and Amundsen-Scott, can, FTP, all be found where?

ANSWER: ANTARCTICA

2. Earlier this year, this country suffered a series of riots in its major city because of its economic problems. FTP, name this country which suffered a major earthquake in 1985 and has yet to recover from its effects.

ANSWER: MEXICO

3. Hannibal used an encirclement maneuver to defeat a much larger Roman force at, FTP, what battle?

ANSWER: CANNAE

SUDDEN DEATH:

28. A leader in the African-American community, this man has often been termed a separatist and an Anti-Semite. His most recent effort is the "Million Man March" on October 16, 1995 in Washington, D.C. FTP, name this Nation of Islam minister.

ANSWER: Louis FARRAKHAN

UMKC Shootout in the Old West Bonuses (UM-Rolla B)

- 1.(30) 30-20-10: Name the author from his works.  
30 pts: The Guests from Gibbet Island, The Widow and Her Son  
20 pts: The Art of Bookmaking, The Adventure of Mason  
10 pts: The Devil and Tom Walker, The Specter Bridegroom, Rip Van Winkle

ANSWER: Washington IRVING

- 2.(30) Many derived units are used in science to express values of physical quantities whose units are complex combinations of fundamental units. For 10 points each, name the unit from its equivalent.

1. kilogram per meter per second squared ANSWER: PASCAL
2. joule per second per coulomb (KOO-lome) squared ANSWER: OHM
3. tesla meter squared ANSWER: WEBER

- 3.(30) Answer the following questions about early Christianity for 10 points each:  
1. This doctrine held that God was supreme, but shared his power with Christ.

ANSWER: MONARCHIANISM

2. This doctrine held that God, Christ, and the Holy Ghost were different aspects of the same divine being.

ANSWER: MODALISM

3. This doctrine held that Christ was inferior to God.

ANSWER: ARIANISM

- 4.(30) During the 1980's, Poland was rocked by strikes from an organized federation of trade unions. FTP, each, answer the following:

1. What was the name of the federation?

ANSWER: SOLIDARITY

2. Who was Solidarity's often-imprisoned leader?

ANSWER: Lech WALESA

3. Which city contained the Lenin Shipyards where the strikes were most serious?

ANSWER: GDANSK (Danzig is also acceptable)

- 5.(30) 30-20-10: Name the author from his/her works.  
30 pts: "The Rocking Horse Winer"  
20 pts: The Rainbow  
10 pts: Lady Chatterly's Lover  
ANSWER: D(avid) H(erbert) LAWRENCE

- 6.<sup>20</sup>~~(30)~~ For five points apiece, name as many of the Chinese Dynasties which have ruled since 960 AD  
*the four*

as you can.

ANSWER: ~~HAN~~, ~~SUNG~~, ~~CHIN~~, ~~YUAN~~, ~~MING~~, ~~CH'ING~~  
(or Manchu)

7.(20) Everyone loves Star Trek and the characters who have been immortalized by the series. But for 5 pts each, who are the actors behind:

1. Jean-Luc Picard ANSWER: Patrick STEWART
2. Counselor Troi ANSWER: Marina SIRTIS
3. Geordi LaForge ANSWER: Levar BURTON
4. Worf ANSWER: Michael DORN

8.(30) For 10 points apiece, identify from its description each of the following rules and principles concerning the electronic structure of atoms:

1. States that as atomic number increases, electron orbitals are filled in order of increasing energy level.

ANSWER: AUFBAU PRINCIPLE or BUILDING-UP PRINCIPLE

2. States that no two electrons in a given atom can have the same set of four quantum numbers.

ANSWER: PAULI EXCLUSION PRINCIPLE or PAULI PRINCIPLE

3. States that the lowest-energy configuration in a set of degenerate orbitals is the one with the maximum allowable number of unpaired electrons.

ANSWER: HUND'S RULE

9.(25) For 25 points, if you take the number of Aphrodite's Graces times the number of roots growing from Yggdrasil that have fountains, and add the number of faces on the god Janus, what do you get?

ANSWER: 11 ( $3*3+2$ )

10.(30) 30-20-10, name this Prussian King.

30. Conquered Silesia from Austria in the 1740's, doubling the size of Prussia.

20. A poet of considerable skill who also played and composed for the flute.

10. Began a struggle between the Hohenzollern and the Hapsburg for the mastery of Germany which was only resolved in 1866.

ANSWER: FREDERICK II or FREDERICK THE GREAT

11.(20) Name the musical given one of its characters, 10 pts. each.

1. Julie Jordan ANSWER: CAROUSEL
2. Christine Daae (Die-a) ANSWER: THE PHANTOM OF THE OPERA

12.(20) For 5 points apiece, name the four 19th-century American poets known collectively as the Fireside Poets.

ANSWER: Oliver Wendell HOLMES, Henry Wadsworth LONGFELLOW, James Russel LOWELL, John Greenleaf WHITTIER

13.(25) For 25 points, name the German soccer player who gave the fans "the bird" in the match between

Germany and South Korea during the 1994 World Cup.

ANSWER: Stefen \_EFFENBERG

14.(20) This artist did beautiful ink drawings of biblical stories and illustrated the first publication of Cervantes' Don Quixote. For 20 points, name this artist.

ANSWER: Augustus DORE

15.(30) 30-20-10: Name the island.

30 pts. It contains 30% of the world's nickel reserves.

20 pts. It is almost completely encircled by the world's second largest coral reef.

10 pts. It's name comes from the Latin word for Scotland.

ANSWER: NEW CALEDONIA

16.(25) Comic book fans, it's your time to shine. For 5 points apiece, plus a 5 point bonus for all four, give the superhero or supervillain identity of each of the following comic book characters:

1. Tony Stark

ANSWER: IRON MAN

2. Harvey Dent

ANSWER: TWO-FACE

3. Steve Rogers

ANSWER: CAPTAIN AMERICA

4. Norrin Radd

ANSWER: THE SILVER SURFER

17.(20) Intel finally has competition in the PC computer chip market. For 20 points, name the company that recently announced that it was unveiling, before the end of the year, a new chip that PC Magazine tests showed was faster than the Pentium.

ANSWER: CYRIX

18.(30) 30-20-10: Name the author form his/her works.

30 pts: Bailey's Cafe

20 pts: Mama Day

10 pts: The Women of Brewster Place

ANSWER: Gloria NAYLOR

19.(20) Pure soda-lime-silicate glasses are composed of four elements. Name the elements for five points apiece?

ANSWER: SODIUM, CALCIUM, SILICON, OXYGEN

20.(30) I'll give you a psychology concept, and you give me the name of the man or woman who proposed it, 10 pts. each.

1. "Collective unconscious"

ANSWER: Karl JUNG

2. client-centered therapy or encounter groups

ANSWER: Carl RODGERS

3. operational conditioning

ANSWER: B(urris) F SKINNER

21.(30) A crusader army defeated a large Saracen Muslim force at the Battle of Arsuf in 1191. Answer these questions about this battle for 10 points apiece.

1. Who was the Christian leader at the battle?

ANSWER: RICHARD I

2. Who was the Muslim leader at the battle?

ANSWER: SALADIN the Great

3. During what Crusade did this battle take place?

ANSWER: THIRD

22. (30) If you take the nine-letter medical term for tlazy-eyev and subtract both a constant and a vowel, you can construct the name of a state capital by rearranging the remaining seven letters. For 30 points, name the state whose capital can be spelled out using the seven letters?

ANSWER: Washington (amblyopia-a-b=Olympia)