

## GEORGIA TECH II ROUND FOR 1998 MLK TOURNAMENT

1. According to some accounts, this object was brought to England by angels and placed on the top of a mountain. Other reports state that it was brought by Joseph of Arimathea and somehow lost. What is this sacred object, prominent in Arthurian legend, which was finally found by Sir Gallahad?

Answer: Holy Grail

2. The British Astronomer George Biddell Airy suffered from this disease, and was the first, in 1825, to design eyeglass lenses to correct the condition. Its name is derived from the Greek meaning "no spot" because sufferers cannot see a small spot sharply. FTP, what is this eye problem resulting from the cornea being not perfectly curved?

Answer: astigmatism

3. Frank Grimes says he eats like a pig, but then again, pigs tend to chew. It's more accurate to say he eats like a duck. He has founded his own religion, is friends with president Ford, jammed with the Smashing pumpkins, and led the tabloids to claim that bigfoot feasts on porkchops. For 10 points, identify this balding, overweight animated father of three never aging children.

Answer: Homer Simpson or Homer

4. This symphony, first performed in 1910, required a large orchestra, an extra brass group, seven vocal soloists, a boys' choir, and two mixed choirs--thus giving it its famous nickname. For ten points, name this 8th symphony of Gustav Mahler.

Answer: Symphony of a Thousand (accept Mahler's 8th on early buzz)

5. He began writing sketches in 1887 and in 1894 founded a humorous weekly, The Rolling Stone, which failed and let him to work for the Houston Post. In 1898, he was imprisoned and in order to support his daughter Margaret began to write. For 10 points, identify this man whose collections of stories included The Gentle Grafter, Whirligigs, and The Four Million.

Answer: O. Henry or William Sydney Porter

6. It was made out of velvet, and its wearer seemed to prefer being anonymous. Some believe the wearer's was Count Girolamo Mattioli, minister to the duke of Mantua, while others contend it was king Louis XIV's twin. FTP, what was this item which concealed the identity an unnamed prisoner for more than 4 decades?

Answer: Iron Mask

7. They invented the circular saw, the common clothespin, an apple parer, the first one-horse buggy, a four-wheeled dumpcart, and the one eye needle. They made their own shows, silk, and clothes. Living in rural communes concentrated mostly in the northeastern U.S., this religious group was at its height in the late eighteenth and early nineteenth centuries. FTP, what was this Utopian group, founded in Watervliet, NY in 1776 by Ann Lee?

Answer: American Society of Shakers

8. It is believed to be the chief existing fragment of the Tethys Sea, which once griddled the Eastern Hemisphere. The Roman's called it Mare Nostrum. It is approximately 2,500 miles long and averages 5000 miles in width. FTP, what is this body of water which separates Europe from Africa?

Answer: The Mediterranean

9. When Matthew Perry unsuccessfully requested Nathaniel Hawthorne's help in writing his memoirs, this author offered his services. Perry declined his help, probably because his most famous work flopped commercially. In fact, he did not even become a major literary figure until after his death. FTP, who was this 19th century author of Pierre, White Jacket, Omoo and Typee?

Answer: Herman Melville

10. It was called "The noble experiment," and was the law of the land for 13 years. However, its goal was never achieved, for law enforcement proved impossible. Even today, many states, counties, and local districts uphold the law. Although probably having the same effect as the original. FTP, what was this only amendment to the Constitution to be revoked?

Answer: 18th amendment (accept Prohibition)

11. He wrote the first calculus textbook and acknowledged many of his predecessors, although he did not give credit for each individual rule. When John Bernoulli sent him a letter describing a new rule, he put it in, and later the rule became known as his own. FTP, who was this man, who has a rule concerning limits in the form 0 over 0 and infinity over infinity named for him?

Answer: L'Hospital

12. As first president of International Psychoanalytic Association, he was second only to Freud in the movement. He conceived the libido as primal, nonsexual energy and postulated two systems in the unconscious: the personal and the collective. FTP, who was this psychiatrist who broke with Freud in 1913 and later introduced the terms extrovert and introvert?

Answer: Carl Jung

13. He made about \$12 a week for his life occupation, and afterwards, he had to sell his library to supply a dowry for his daughter. Catherine II of Russia paid \$5,000 for it, but allowed him to use it for the rest of his lifetime. FTP, who was this French thinker and encyclopedist?

Answer: Denis Diderot

14. He made the first full self-portrait by an artist, and declared that artists deserved and would get respect. He combined Italian laws of perspective and human anatomy with German attention to detail. Although he never mastered Michelangelo's ability to make a solid, statuelike body, his paintings are astonishingly realistic. FTP, who was this 15th and 16th century German artist of such woodcuts as Melancholia and Knight, Death and the Devil?

Answer: Albrecht Durer

15. For a relatively abundant element, it was rather costly to isolate - requiring all platinum equipment. Its discoverer perhaps received more credit than was due for isolating a single element, receiving just one more vote than Mendeleev for the Nobel Prize. For 10 points, identify Henri Moisson's pale yellow, highly corrosive elemental gas with atomic number 9.

Answer: fluorine

16. Born in 1901, he was a Time magazine senior editor. He admitted to the House committee on Un-American Activities in 1948 that he had served as a courier for the Soviet Union, and produced from pumpkins on his Maryland farm a cache of microfilms containing State Department documents. FTP, who was this man who fingered Alger Hiss as a principal Contact in Washington DC in 1948?

Answer: Whittaker Chambers

17. He was born and died in Ephesus in Asia Minor. As one of the earliest metaphysicists, he taught that everything is relative and nothing absolute, that we are, and everything else in the world is, constantly changing. Because of the profundity of his thought and his misanthropy, he became known as "the Dark Philosopher." FTP, who was this person also known as the "Weeping Philosopher?"

Answer: Heraclitus

18. He has barked such phrases as "How can what an Englishman believes be heresy? It is a contradiction in terms." And "A lifetime of happiness? No man alive could bear it: it would be hell on earth." He was a master of prose both on the stage and in his music and theater criticism. He has been called the greatest English playwright since Shakespeare, and there is even a special adjective derived from his name. FTP, identify this author of Candida, Man and Superman, and Pygmalion.

Answer: George Bernard Shaw

19. (Two answers required) Their names translate to "fear" and "terror", and the second one was discovered 5 days after the first. Their discoverer was about to give up searching for them the day before he discovered the first one, but his wife, Angelina, urged him to look again another night. FTP, what are these satellites discovered in 1877 by Asaph Hall and can now be seen circling the planet of Mars?

Answer: Phobos and Deimos

20. Although the only wealth this man brought back to France was fool's gold and some quartz crystals he mistook for diamonds, the account he published of his travels encouraged succeeding waves of French explorers who built the French empire in Canada. FTP, identify this man who named Montreal, discovered the St. Lawrence River, and claimed Canada for France.

Answer: Jacques Cartier

21. This region extends from the top of the Marble canyon of the Colorado river southeastward along the east side of the valley of the Little Colorado for about 100 miles, varying in width from 15 to 40 miles. FTP, what is this area of plateaus and low mesas in north central Arizona which gets its name from the colorful shale and sandstone rocks which abound there?

Answer: Painted desert

22. Michelangelo is meditating, sitting with his head in his hand. The others are grouped rhythmically around the two central figures, Plato and Aristotle, with Leonardo playing the role of Plato. The architecture of the school, unlike anything found in ancient Greece, demonstrates pure Renaissance use of classical forms. FTP, what is the fresco just described, painted by Raphael in 1510?

Answer: School of Athens

23. This Civil War commander was nicknamed "48 Hours" because it seemed as though he needed a two days to make a decision. He was a hero at Gettysburg and was instrumental in the very first clash of the Civil War, but is perhaps most famous for his achievements prior to the war. FTP, who was this man who in 1839 at Cooperstown, New York, was said to invent the game of baseball?

Answer: Abner Doubleday

In 1886, a German chemist analyzed a silver ore and found that the elements he located added up to only 93% of the total mass. Puzzled, he searched out the remaining 7% and discovered a new element. It turned out to be eka-silicon, one of the elements for which Mendeleev placed a gap in the periodic table. FTP, what is this element discovered by Clemens Alexander Winkler, chemical symbol Ge?

Answer: Germanium

Soon after this book was released, it was condemned as pornography and the author charged with offending public morality and religion. The court censured the book but acquitted the author. FTP, what was this brutal and realistic love story with a theme of adultery, Gustave Flaubert's masterpiece?

Answer: Madame Bovary

The beginning of it reads "Eight Goths and 22 Norwegians on discovery-voyage from Vinland over west we had camp by 2 skerries on day's journey north from this stone we were and fish." Fit was found by Olof Ohman and his son Edward, and was thought to be a forgery for decades. FTP, what was this object that proved the Vikings explored the interior of North America?

Answer: The Kensington Stone

One is in Accademia, Florence. One is in Milan, and one is in Museo del Duomo, Florence. The most famous one, however, is in St. Peter's, in the Vatican. FTP, what are these sculptures done by Michelangelo, sculptures of the dead Jesus with his mother?

Answer: pietas

A new robot is sent back in time to destroy a leader of a rebel faction. The leader of a rebel faction has managed to reprogram the original model to go back in time to protect him. One of its mission parameters is that it must obey the 10 year old future rebel leader. This is the plot for what movie starring Eddie Furlong, Linda Hamilton and Arnold Schwarzenegger?

Answer: Terminator 2

Barracuda shark, Berserker, Brains, Enforcer, Flyer, Mutant, Parasite, and Iron Maiden are just some of the Strogg that are in your way. You are a lone marine, soldier 3585, and it's your duty to take out the Strogg. Your arsenal includes your trusty blaster, a nice double barrel, a railgun, and of course, the BFG 10k. FTP, what computer game, called the best game of the year by many, are you in?

Answer: Quake 2

He was born in the Ukraine in 1857 and described writing as a task "before all, to make you see." His narrative Youth was the first story this author used his most famous protagonist, Marlow. FTP, who was this author of such stories as The Secret Sharer and Heart Of Darkness?

Answer: Joseph Conrad

It has a population of under 10,000, so it should be considered a small town at best. However, in 1970, it merged with Douglas, which is situated on an island across the Gastineau channel, expanding the city to encompass 3,108 square miles, making it the largest city in the US in terms of area. FTP, what is this capital of Alaska?

Answer: Juneau

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1. If you weren't too distracted by Leonardo di Caprio or Kate Winslet, you might have picked up enough info from the recent hit Titanic to earn some extra bonus points on this bonus.

1. For 5 points, in what year did the Titanic sink?

Answer: 1912

2. For 10 points, what ship came to the rescue of the survivors?

Answer: RMS Carpathia

3. For 5 points, identify the captain of the Titanic who went down with the ship.

Answer: Edward J. Smith

4. For 10 points, identify either the president of the White Star lines who survived or the designer of the Titanic who was last seen in the first class smoking room.

Answer: Bruce Ismay or Thomas Andrews

2. For 10 pts each, identify the following authors from a brief clue.

1. It was the pen name adopted by Pierre-Augustin Caron.

Answer: Pierre de Beaumarchais

2. He had a fancy for removing his clothes and climbing mulberry trees and wrote The Plumed Serpent and The Rainbow.

Answer: D.H. Lawrence

3. Although there were many great women writers of the time, her novel, the Tale of Genji was the only to survive.

Answer: Lady Murasaki Shikibu

3. For 10 points each, identify these European Queens name Marie or Maria.

1. She was the daughter of Holy Roman Emperor Charles VI and her accession to the throne of Austria sparked the War of the Austrian Succession.

Answer: Maria Theresa

2. She was the daughter of Maria Theresa and married the dauphin of France in 1770.

Answer: Marie Antoinette

3. She was the second wife of Henry IV of France the mother of Louis XIII.

Answer: Marie de Medici

4. Identify these directors who won multiple Academy Awards for ten points each.

1. This man won four Oscars for the films, The Informer, The Grapes of Wrath, How Green Was My Valley, and The Quiet Man.

Answer: John Ford

2. This man won three Oscars for the films, Mrs. Miniver, The Best Years of Our Life, and Ben-Hur.

Answer: William Wyler

3. This man also won three Oscars for the films, It Happened One Night, Mr Deeds Goes to Town, and You Can't Take It With You.

Answer: Frank Capra

5. For 15 points each, answer the following physics questions. For simplicity of calculation assume the acceleration due to gravity is 10 meters per second squared.

1. You lift a 200 Newton weight 5 meters off the ground. For 15 points, how much work have you done?

Answer: 1000 Newtons

2. If you drop the weight to the ground, what is its velocity when it hits?

Answer: 10 meters per second

6. For 5 points each, name the two nations divided by each of the following bodies of water:

1. Davis Strait Answer: Greenland and Canada

2. Strait of Mallaca Answer: Indonesia and Malaysia

3. Torres Strait Answer: Australia and Papua New Guinea

7. For 5 pts each, identify the composers of the following.

1. Lady Macbeth of the District Mzensk

Answer: Dimitri Shostakovich

2. Puritani, Norma

Answer: Vincenzo Bellini

3. Chichester Psalms

Answer: Leonard Bernstein

4. Sorcerer's Apprentice

Answer: Paul Dukas

5. Rigoletto, Don Carlo

Answer: Giuseppe Verdi

6. the opera, War and Peace

Answer: Sergei Prokofiev

8. 30-20-10- Identify this American.

- 30 - Thomas Hickey was court-martialed and hanged for mutiny, sedition, and treachery for trying to kidnap him. He earlier had agreed to a plan to kidnap the King's son William, but called off the plan when the guard was doubled around William's home.
- 20 - He succeeded Artemis Ward in his most famous military command.
- 10 - He defeated General Cornwallis at the Battle of Yorktown

Answer: George Washington

9. FTPE, identify these chemists

10: In 1865, he was on a horsedrawn carriage when he fell asleep and made his most famous discovery

Answer: Friedrich Kekule

10: Even though he patented his discovery, it was so simple that many people infringed on it, and he dies owing hundreds of thousands of dollars.

Answer: Charles Goodyear

10: He invented synthetic dye when his teacher told him that it would be invaluable if someone figured out how to make synthetic quinine.

Answer: William Perkin

10. Identify these economists from a description of their laws.

1. 5 pts: He formulated that population increases by a geometric rate, while food increases at an arithmetic rate.

Answer: Thomas Malthus

2. 10 pts: His law states that when two or more forms of money, of equal exchange value but of unequal intrinsic value, are in circulation, the more valuable one is hoarded or sold.

Answer: Sir Thomas Gresham

3. 15 pts: His now discredited "law of markets" stated production creates its own demand.

Answer: Jean Baptiste Say

11. 30-20-10. Identify the author from works

30: A Story Teller's Story, Tar, Beyond Desire

20: Kit Brandon, A New Testament, Poor White

10: Dark Laughter, Winesburg, Ohio

Answer: Sherwood Anderson

12. The U.S had three different Presidents in both 1841 and 1881, but one year the Roman Empire had four different emperors. For ten points give the year and for an additional five points each name the four emperors.

Answer: 69 AD, Galba, Otho, Vitellius, Vespasian

13. 15-10-5. Identify author from works.

15: Personal Recollections of Joan of Arc

10: The Mysterious Stranger

5: Roughing It

Answer: Mark Twain (Accept Samuel Clemens)

15: An Elementary Treatise on Determinants, Symbolic Logic,

10: The White Knight's Ballad, Sylvie and Bruno

5: Through the looking glass

Answer: Lewis Carroll

14. Emil von Behring won the first Nobel Prize in Medicine in Physiology in 1901 for his discovery of an antitoxin for this bacterial disease that affects the throat, especially in young children.

For 15 points, name this disease.

Answer: diphtheria

For an additional 15 points, identify the man who invented the skin test for diphtheria.

Answer: Bela Schick

15. FTP each, name the hero of Greek myth given his parents

10: Aethra and Aegeus

Answer: Theseus

10: Procris and Cephaelus

Answer: Odysseus

10: Glaucus and Eurynoeche

Answer: Bellerophon

16. Identify this structure, 30-20-10

30 - A replica of it is on the Island of Swan in the Seine River.

20 - It was brought to the US aboard the Isere

10 - It's interior structure was designed by Gustav Eiffel and it the outer sculpture was created by Frederick Bertholdi.

Answer: Statue of Liberty or Liberty Enlightening the World

17. Identify the Articles of the Constitution given a quote from it.

10: The Congress may determine the Time of choosing the Electors, and the Day on which they shall give their Votes

Answer: Article II

10: No religious Text shall ever be required as a Qualification to any Office

Answer: Article VI

10: No Person shall be convicted of Treason unless on the Testimony of two witnesses to the same overt Act.

Answer: Article III

18. Identify these totally unrelated terms from earth science for ten points each.

1. A curved lake produced when a stream cuts off a meander.

Answer: ox-bow lake

2. The fastest earthquake wave, which travels by compression and expansion of the medium.

Answer: p wave

3. The gently sloping submerged portion of the continental margin extending from the shoreline to the continental slope.

Answer: continental shelf

19. Identify the following title characters of plays by Christopher Marlowe 5-10-15.

1. 5 pts. It tells of a man who sold his soul to the devil for 24 years of magical power and knowledge.

Answer: Dr. Faustus

2. 10 pts. The villain-hero Barabbas is forced into greater and greater evil until his death.

Answer: The Jew of Malta

3. 15 pts. It is the only Marlowe play centered on a British monarch.

Answer: Edward II

20. For ten points each, given a list of artists, identify to the movement or school to which they belonged.

1. Braque, Matisse, Roualt, and Dufy.

Answer: Fauvism

2. Frederick Church, Thomas Cole, and Asher B. Durand.

Answer: Hudson River School

3. Jean Arp, Tristan Tzara, Max Ernst, Marcel Duchamp, and Hugo Ball.

Answer: Dada

21. 30-20-10 Identify this physical phenomenon.

1. It was verified for sound by the Dutch meteorologist C.H.D. Buys-Ballot in 1845.

2. The optical effect was confirmed in 1848 by Armand Fizeau a French physicist.

3. It is the increase or decrease in the frequency of wave because of motion of the source, the observer or both.

Answer: Doppler Effect

22. The nation of Denmark consists of several islands and a peninsula. Identify these parts of Denmark for 15 points each.

1. It is the mainland peninsula of Denmark and lent its name to a 1916 naval battle between the British and German fleets.

Answer: Jutland

2. It is the largest island of Denmark on which Copenhagen is located.

Answer: Zealand

23. Answer the following questions about antiseptic surgery.

1. First, for 10 points, identify the English physician who introduced the principle of antiseptic surgery.

Answer: Joseph Lister

2. For 10 points, Lister served what monarch as Surgeon. This service eventually led to his ennoblement as Baron.

Answer: Queen Victoria

3. What acid did Lister used to seal wounds in his early work?

Answer: carbolic