Georgia Tech II - Toss-Ups - 1992 Ludden - April 10, 11

1. He was professor of mathematics at Queens College Ireland and in 1857 was elected a Fellow of the Royal Society. He published important essays and texts on differential equations and the calculus of finite differences, but it is not for this work that he is remembered today. For 10 points, identify this British mathematician best known for his An Investigation of the Laws of Thought in which he set out his theory of mathematical logic and probability.
        Answer: George _Boole_

2. According to Pindar a great rock is suspended over his head, which constantly threatens to fall and crush him. However, the most popular version of his punishment relates that his is condemned to stand neck deep in water with delicious fruits hanging just out of reach. For 10 points, identify this mythological character condemned for trying to serve up his son Pelops as a meal to the gods.
        Answer: _Tantalus_

3. Its design was drawn up by Calbert Vau and Frederick Law Olmstead in 1857 and retained the natural features of the area. It was set aside by public demand in 1853 when the need for an open space was recognized by citizens returning from European visits. For 10 points, identify this most famous park in New York City.
        Answer: _Central Park_

4. Born in 1885 this American humorist and short story writer is known for his bitterly satirical sketches of 20th century American life. His first important work, published in the Saturday Evening Post took the form of letters of a baseball player. For 10 points, identify this author of You Know Me, Al.
        Answer: Ring _Lardner_

5. Its last ruler was Bahadur Shah II who was deposed after the failure of the Indian Mutiny in 1857, but its decline began with the death of Aurangzeb in 1707. For 10 points, identify this dynasty that from the 16th to the 19th centuries ruled India following the rise to power of its founder Baber.
        Answer: _Mogul_

6. In solids, it is the actual transport of mass in the form of discrete atoms through the lattice of a crystalline solid. In gases and liquids, it is the spreading or scattering of matter under the influence of a concentration gradient. For ten points, identify this physical phenomenon.
        Answer: _Diffusion_

7. In an 1803 second edition, he dropped his previous emphasis on mathematics and took a less pessimistic view of the future. In this edition, he took the position that "moral restraint" rather than "vice and misery" could improve the future of man by keeping population within manageable limits. For 10 points, identify this economist and author of "An Essay on the Principle of Population".

Answer: Thomas Malthus

8. Between the 4th and 17th centuries it was home of the empires of the Sarakole, Songhia, and Mandingo. It became independent from France in 1960 and subsequently withdrew from the French Community. For 10 points, identify this landlocked African republic of 479,000 square miles with its capital at Bamako.

Answer: Mali

9. Critics have long argued whether the last lines of this poem were spoken by the poet or an inanimate object. Written in 1819, it reflects on the eternal quality of art and the fleeting nature of human love and happiness. For 10 points, identify this poem that begins "Thou still unravished bride of quietness" and ends "That is all ye know on earth and all ye need to know".

Answer: Ode on a Grecian Urn

10. It was negotiated by a railroad executive from South Carolina, who was authorized to spend up to 50 million dollars in order to acquire 250,000 square miles for the southern route of a proposed transcontinental railroad. In the end, however, he only spent 15 million dollars in order to acquire 55,000 square miles. For ten points, name this territorial expansion of 1853.

Answer: Gadsden Purchase

11. A pupil of Thomas Couture, he was influenced early on by the works of Velasquez before developing his own style in Paris. Two of his finest works "Le Bon Bock" and "Olympia" caused much excitement and unfavorable criticism during his lifetime and it was only after his death that the value of his work was recognized. For 10 points, identify this impressionist artist most famous for his "Luncheon on the Grass".

Answer: Edouard Manet

12. Comprised mostly of and area called the southern sporades, they were forfeited to Italy by the Ottoman Empire in 1912. The Germans controlled them during World War II, but by a 1947 treaty they were given to Greece. For 10 points, identify this Aegean chain of 20 islands between Crete and Asia Minor.

Answer: Dodecanese Islands

13. It was not published in the Soviet Union until 1987, thirty years after it was smuggled out and published in Italy. Adapted to film by David Lean, its follows the life of a Moscow physician and poet as he attempts to come to grips with the tumultuous changes brought by World War I. For 10 points, identify this novel by Boris Pasternak.
    Answer: <u>Doctor Zhivago</u>

14. In 1881 he became a prisoner of war, but two years later was freed and permitted to live on Standing Rock Reservation. He soon fell into disfavor with government officials for refusing to use his influence as a holy man to discourage the new Ghost Dance religion, which predicted the disappearance of the white men. For ten points, name this religious leader of the Hunkpapa Teton Sioux Indians.
    Answer: <u>Sitting Bull</u>

15. The U.S. produces 90% of the world's supply of this element, the most important ore deposit being at the climax mine in Colorado. Its sulfide is often used as a lubricant additive or as a solid lubricant. For 10 points, identify this element first detected by Scheele in 1778 that has atomic number 42.
    Answer: <u>molybdenum</u>

16. This term means loosely the study of things as they are perceived by human beings. It was used by Hegel, but is best known as the name of a philosophical movement championed by Edmund Husserl which was a precursor of existentialism. For 10 points, identify this philosophical term.
    Answer: <u>phenomenology</u>

17. He served as a flyer in World War I and in 1922 became the first to pilot across North America in less than 24 hours. Recalled to the Army Air Corps in 1940 and subsequently commanded the 12th Air Force during the landing in North Africa and the Eighth Air Force in Europe. For 10 points, identify this American general best known as the commander of the bold April, 1942 bombing raid on Tokyo.
    Answer: James <u>Doolittle</u>

18. As an infantryman in World War II, he accumulated five battle starts as well as material for early stories, many of which were first published in the New Yorker. After 10 years work, he set the tone of the 1950's youth with his most famous novel. For 10 points, identify this creator of the hypersensitive Glass family whose best known character is Holden Caufield.
    Answer: J.D. <u>Salinger</u>

19. The composer of this work did not want it to be published during his lifetime out of fear for his reputation as a serious composer. Written for 2 pianos and orchestra, it is subtitled "a grand zoological fantasy". For 10 points, what is this work by French composer Camille Saint-Saens.
    Answer: <u>Carnival of</u> (the) <u>Animals</u> or Le Carnaval des Animaux

20. Born in 1897, he was created first Earl of Avon after his time in office. He entered Parliament in 1923 and from 1935 to 1938 was Foreign Secretary under Neville Chamberlain. He held that post again under Winston Churchill from 1940 to 1945 and from 1951 to 1955. For 10 points, identify this man who in 1955 replaced Churchill as British Prime Minister.
    Answer: Anthony Eden

STOP

Emergency Tossups

21. Its proposals centered on a full-employment law, a higher minimum wage, fair employment practices and extension of the social security program. Although much of the program was enacted, the results were less dramatic than the New Deal reforms. For 10 points, identify this program that was given its two word name in the 1949 State of the Union Address by President Truman.
    Answer: Fair Deal

22. He revealed America's social and economic shortcomings in his 1894 novel "A Traveler from Altruria" and continued his account of that truly democratic and humanitarian commonwealth in his "Through the Eye of the Needle". For 10 points, identify this American author whose other works include Their Wedding Journey, A Modern Instance, and The Rise of Silas Lapham.
    Answer: William Dean Howells

23. Originally they were letters from the king or high official to an officer or body of officials ordering the performance of their duty. Today it is an extraordinary remedy of the courts to force office-holders to perform their official duties. For 10 points, what is this term derived from the Latin for "we command".
    Answer: mandamus

24. Classified in the goat sub family of the cow family they are agile creatures native to the mountains of middle and southern Europe and southwestern Asia. They were the original source of a particular type of leather, but today most is made from the skins of domestic sheep. For 10 points, identify these creatures as well as the soft leather of which they were originally the source.
    Answer: chamois

1. (30 points) 30-20-10 Identify this musical composition.
1. Of the orchestrations of it, the best known is that of Maurice Ravel who orchestrated it at the request of Serge Koussevitzky in 1922.
2. It is based on a series of ten works by Russian artist Victor Hartmann.
3. It is an 1874 composition for piano by Modest Mussorgsky.
    Answer: Pictures at an Exhibition (Kartinki s vistavki)

2. (30 points) In 1940, it was shown that the continuum hypothesis, that is that there is no number of an infinite set between the set of natural numbers and the set of real numbers, was consistent with the axioms of set theory. First, for 15 points, name the German mathematician who proposed the continuum hypothesis.
    Answer: Georg Cantor
And now for 15 more points, identify the Austrian-American mathematician who proved its consistency, who is better known for stating that the totality of mathematics cannot be brought to complete order on the basis of any set of axioms.
    Answer: Kurt Godel

3. (30 points) For 10 points identify the following acts of Congress for 10 points each.
1. the 1878 Act that provided for unlimited coinage of silver in a 16 to 1 ratio with gold.
    Answer: Bland-Allison Act
2. 1948 Act known as the Labor-Management Relations act which regulates labor activity when interstate commerce is involved.
    Answer: Taft-Hartley Act
3. 1939 Act forbidding federal employees from participating actively in political campaigns and from using their official positions to coerce voters.
    Answer: Hatch Act

4. (30 points) For 15 points each identify these Florentine painters.
1. He lived from about 1240-1302 and tried to modernize some of the old Byzantine methods and the angels in his "Madonna Enthroned" are more active than figures in paintings of that time.
    Answer: Cimabue
2. His fresco series for the Arena Chapel in Padua leaves Byzantine art far behind. He lived from around 1267 to around 1337.
    Answer: Giotto

5. (30 points) For 10 points each, identify the following people located near each other in the encyclopedia.
1. The son of a coffee planter, he was murdered by the national guard of Nicaragua after laying down his arms in an unsuccessful guerilla movement in 1934.
    Answer: Augusto Sandino
2. This premier of Portugal from 1932 to 1968 led his nation into NATO.
    Answer: Antonio Salazar
3. This social reformer founded and led the birth-control movement in the United States.
    Answer: Margaret Sanger

6. (30 points) 30-20-10 Identify this nation.
1. It is actually composed of three islands: Gozo, Comino, and the largest of three which shares its name with the country.
2. In 1798, it was overrun by Napoleon's forces but in 1814 was taken as a British possession until being granted independence in 1964.
3. Its official languages are English and Arabic and from 1530 until 1798 it was ruled by the Knights of the Order of the Hospital of St. John in Jerusalem.
    Answer: Malta

7. (30 points) Given a list of characters identify the Henry James novel in which they appear for 10 points each.
1. Madame Clair de Cintre, the Marquis de Bellegarde, Mrs. Bread, and Christopher Newman
    Answer: The American
2. Chad Newsome, Lambert Strether, and Maria Gostrey
    Answer: The Ambassadors
3. Olive Chancellor, Basil Ransome, Mrs. Luna, and Miss Birdseye
    Answer: The Bostonians

8. (25 points) 30-20-10-5 Identify this organization.
1. The born name of its founder was Robert Stephenson Smyth.
2. Its founder held Mafeking through a 215 day siege in the Boer war.
3. Its American branch was founded in 1910.
4. It was created by Baron Baden-Powell of Gilwell.
    Answer: Boy Scouts (accept if they say the words Boy Scouts and don't worry about the of what)

9. (30 points) Name the author given a list of his works. 30-20-10-5
1. Desperate Remedies and The Hand of Ethelberta
2. A Laodicean and The Trumpet-Major
3. The Dynasts and A Pair of Blue Eyes
4. The Mayor of Casterbridge
    Answer: Thomas Hardy

10. (30 points) Identify the authors of the following "Black" novels after one clue for 15 points, after two for 5 points.
1. a) The Black Arrow   b) Kidnapped
        Answer: Robert Louis Stevenson
2. a) The Black Dwarf   b) Old Mortality
        Answer: Sir Walter Scott

11. (30 points) Give the winner of the Best Actress Oscar for 10 points given the year she won, for 5 points if you need the film for which she won.
1. a) 1942   b) Mrs. Miniver   Answer: Greer Garson
2. a) 1960   b) Butterfield 8   Answer: Elizabeth Taylor
3. a) 1978   b) Coming Home   Answer: Jane Fonda

12. (30 points) 30-20-10 Identify this author from a list of works.
1. The People of the Abyss, Burning Daylight, Smoke Bellow
2. John Barleycorn, Jerry of the Islands
3. Martin Eden, The Iron Heel
        Answer: Jack London

13. (30 points) For 10 points each, identify the angel that appears in the following stories in the Bible.
1. He appeared twice to Daniel, once to tell him the meaning of a dream and later to tell him the fate of Jerusalem.
        Answer: Gabriel
2. In Daniel, this angel is described as the guardian of the Jewish people.
        Answer: Michael
3. This angel announced the birth of Jesus.
        Answer: Gabriel

14. (30 points) Given a brief description, identify the following Supreme court cases for 10 points each.
1. This 1935 case arose out of an attempt on the part of the National Recovery Administration to enforce its standards on a member of the industry. The Court unanimously ruled the NRA unconstitutional.
        Answer: Schecter Poultry vs. U.S. or US vs Schecter Poultry
2. In this 1824 case, the court ruled that the Constitution specifically granted Congress the power to regulate interstate commerce.
        Answer: Gibbons vs. Ogden
3. In this 1866 landmark civil liberties decision, the Supreme Court ruled that no civilian could constitutionally be tried before a military court if the civil courts are open where the alleged crime took place.
        Answer: ex parte Milligan

15. (25 points) One of the most famous quotes from the history of boxing is the statement, "We wuz robbed". The man speaking was the manager of one of the men involved in the controversial fight held in 1932. 10 points for one, 15 points for both name the two figures involved in this title fight.
        Answer: Max Schmeling, Jack Sharkey

16. (30 points) 30-20-10 Identify this labor leader.
1. A plumber in New York City, he was chosen as business representative of his local union in 1922 and was elected president of the New York State Federation of Labor in 1934.
2. He served as vice-president of the International Conference of Free Trade Unions in 1957-1958 and as a delegate to the U.N. General Assembly in 1959 and 1960.
3. In 1955 as president of the AFL he met with Walter Reuther, President of the CIO and signed a merger agreement following which he served as the first president of the unified AFL-CIO.
        Answer: George Meany

17. (30 points) The year of the four emperors was a critical one in the Roman Empire because it bridged the gaps between the Julio- Claudian and Flavian dynasties. For 5 points each give the year of the four emperors and name the four emperors. You will earn a bonus 5 points if all are correct.
        Answer: 69 AD, Galba, Vitellius, Otho, Vespasian

18. (30 points) Pencil and Paper ready. Identify the following chemical elements for 10 points each after one clue after two clues for 5.
1. a) Its atomic number is equal to the number of Pleiades times the number of Muses.
  b) its atomic number is 63
        Answer: Europium
2. a) the number of sisters in Chekhov's play title times the number past midnight in the Steven King title
  b) its atomic number is 12
        Answer: magnesium
3. a) the number of hourii each man will get according to Muslim mythology.
  b) its atomic number is 72
        Answer: hafnium

19. (30 points) 30-20-10 Identify this feminist.
1. Born in 1793, she was a teacher and mother of six. She was trained as a public speaker in the Quaker ministry to which she was admitted in 1821.
2. A lifelong opponent of slavery, she began in 1833 by supporting the American Anti-Slavery Society and helping to organize a women's counter, the Philadelphia Female Anti-Slavery Society.
3. In 1840, she served as a delegate to the World's Anti-Slavery Convention in London where women were denied their seats. This experience inspired her to organize the Seneca Falls Convention.
        Answer: Lucretia Mott

20. (30 points) 30-20-10 Identify this queen of England.
1. She was the eldest daughter of William X and upon his death became duchess of the region from whence she came.
2. In late spring of 1152, she married Henry, Count of Anjou.
3. Henry was also duke of Normandy and later English king.
        Answer: Eleanor of Acquitaine

21. (30 points) For 15 points each, identify the following biological laws.
1. It is a series of mathematical statements that describe the conditions necessary for the frequencies of alleles in a population to remain stable over time.
        Answer: Hardy-Weinberg
2. The observation that animals that inhabit cold regions tend to have shorter limbs and other extremities than do those in warmer climes.
        Answer: Allen's Rule

22. (30 points) 30-20-10 Identify this author.
1. In 1916, he founded the short lived magazine Signature with Katherine Mansfield and her husband.
2. In 1911, he published his first novel The White Peacock which he followed with The Trespasser.
3. His other works include The Rainbow and Sons and Lovers.
        Answer: D(avid) H(erbert) Lawrence

23. (30 points) 30-20-10 Identify this philosopher.
1. His works include The Idea of Christ in the Gospels and Lucifer - A Theological Tragedy.
2. Born in 1863 in Madrid, he became one of the great Harvard philosophers of the late 19th and early 20th centuries.
3. He wrote a novel called The Last Puritan.
        Answer: George Santayana

24. (30 points) For 5 points each give the year in which each of the following persons won the Nobel Prize in Physics.
1. Enrico Fermi   Answer: 1938
2. James Chadwick   Answer: 1935
3. J.J. Thomson   Answer: 1906
4. Subrahmanyan Chandrasekhar   Answer: 1983
5. Albert Einstein   Answer: 1921
6. Paul Dirac   Answer: 1933