Terrapin Invitational Tournament 1999
Questions by Insert Random Name Here, Georgia Tech, Josh Allen and John Nam
TOSSUPS
T1. First produced at the Lanaean festival of 422 BC under the pen name Philonides, a son keeps the main character, his father, at home against his will because he is addicted to participating in trials. The son proposes that they hold a mock trial at home for him in which Labes, the family dog, is tried for stealing a piece of cheese. Noting that the dog is "wretchedly ignorant; he cannot play the lyre", Bdelycleon (Dell-uh-clee-on) overwhelms his father, Philocleon, who agrees to live at home. But Philocleon soon becomes a drunken brawler who gropes the nude form of a flute-girl and breaks into wild dances. FTP, name this "stinging" political satire by Aristophanes.

Answer: The _WASPS_(Sphekes)
T2. Opabinia, Hallucigenia, and Wiwaxia are some of its more unusual residents. Likely the result of mud slides from the Laurentian shelf, it is located in Yoho National Park on the border between Alberta and British Columbia. Discovered in 1909, it has so far yielded 60,000 specimens. FTP, what is the name of this fossil record, discussed by Stephen Jay Gould in his book, "Wonderful Life"?

Answer: _BURGESS SHALE_
T3. Born in Stridon about 347, he was probably baptized by Pope Liberius about 366. Eight years later in Antioch, he probably composed his earliest known work, "Concerning Seven Beatings". The next year he had a dream in which he was accused of being a Ciceronian rather than a Christia. He vowed from then on to never own any pagan literature. From 385 until his death in 420, he served at a monastery in Bethlehem. Occasionally writing under the pseudonym Sophronius, he also wrote many commentaries on the Bible as well as dialogues against the Pelagians, but is best known for the book "On Illustrious Men" and his Latin translation of the Bible, the Vulgate. FTP, name this saint, the most learned of the Latin Fathers.

Answer: St. _JEROME_
T4. During this period, both the Kinkakuji, Golden Pavilion, and Ginkakuji, Silver Pavilion, in Kyoto were constructed as shogunal retreats and the uniquely Japanese arts of the tea ceremony, flower arranging, and no drama were developed, while sumi, the Sung style of ink painting, reached its height. Named for a district in Kyoto, where the first shogun of this period, Takauji, established his administrative headquarters, its most successful ruler was the third shogun Yoshimitsu. However, succession disputes among the rulers led to the Onin War and were followed by a century of military struggle known as "the age of the country at war". FTP, name this period in Japanese history lasting from 1338 to 1573.

Answer: _MUROMACHI_period (also accept _Ashikaga_period)
T5. After attending a performance of _Hamlet_in 1827, the composer of this work was so struck by the actress playing Ophelia that despite hardly understanding a word, he began to deluge her with letters. When this tactic failed, he decided to conquer her with music, writing this piece, based on a program in which a young composer, frustrated in love, tries to kill himself with opium. Instead of death, the drug gives him powerful hallucinations which constitute the five movements of this symphony. FTP, name this 1830 work inspired by Harriet Smithson, one of the masterpieces of Hector Berlioz.

## Answer: _SYMPHONIE FANTASTIQUE_

T6. Pinch-hitting catcher JC Martin is told to bunt, and does so reluctantly, dropping one in front of pitcher Pete Richert, whose throw to first hits Martin and rolls into right field. Pinch runner rookie Rod Gaspar, running from second on the pitch, scores the winning run of Game Five of the World Series. Donn Clendenon was named MVP of the series, after his homers in games 2, 3, and 5 helped an amazing comeback after his team lost the lirst game, a pitching duel between Mike Cuellar and Tom Seaver. FTP, name this 1969 "miracle" team who beat the heavily-favored Baltimore Orioles to win the World Championship.

Answer: New York _METS_(accept _Metropolitans_)
T7. In 1867, he met his idol, Giuseppe Mazzini, who strongly influenced his poetry collection "Song Before Sunset". The author of "Chastelard", "Bothwell", and "Mary Stuart", a trilogy of dramas dealing with Mary Queen of Scots, he collapsed in 1879 and was taken in by Theodore Watts-Dunton for the last 30 years of his life. His most important later works include the verse tragedy "Marino Faliero" and the poem "Tristram of Lyonesse", while some of his best earlier poems include "Dolores" and "The Garden of Proserpine". FTP, name this friend of William Morris and Dante Gabriel Rosseti, who wrote the verse drama "Atalanta in Calydon" and whom Punch magazine once referred to as "Mr. Swineborn"

Answer: Algernon Charles _SWINBURNE

T8. It is essential to sea squirts, which use it to coordinate oxygen instead of iron like mammals. A mixture of this element and gallium is used in production of superconductive magnets. First discovered in 1801 by Andres Manuel del Rio, who prepared a number of salts of it from "brown lead", he initially called it panchromium, but later changed the name to erthyronium. However, the French chemist, Collett-Desotils, disputed his claim and he withdrew it, although Friedrich Wohler later vindicated del Rio. Finally named by Nils Sefstrom after the Scandanavian goddess of beauty, what,FTP, is the name of this element whose atomic number is 23 and symbol is " $V$ ".

## Answer: _VANADIUM_

T9. Instead of attacking directly, the victorious General had Knyphausen with about $1 / 3$ of the total forces lead a diversionary attack on the American lines at Chadd's Ford, while sending General Cornwallis with the rest of the force on a route which took them across the river far upstream at Pyle's Ford, and then brought them down onto the northern flank of the unsuspecting Americans. Surprised at the appearance of a whole army on Osborne Hill, the Continentals panicked, and only Washington, who defended his flank long enough for rest to retreat, could save the day. FTP, name this September, 11, 1777 battle in which the British defeated the Americans and won Philadelphia, named for the Pennsylvania river on which it was fought.

Answer: _BRANDYWINE_
T10. First scaled in 1872 by the German scientist and traveler, Wilhelm Reiss, only one minor cone--the Cabeza del Inca, disturbs its otherwise perfectly symmetrical cone. Located in the Cordillera Central mountains of the Andes in central Ecuador, the first European to attempt to climb it was Humboldt in 1802, who upon defeat pronounced it unclimbable. Its crater which measures 2300 feet wide and 1200 feet deep often lights up the clouds at night with its fires. FTP, name this peak which at 19,347 feet is South America's 23 d highest, but at the same time the world's highest continuously active volcano.

Answer: _COTOPAXI_
T11. It tells the story of Tom, a farm youth, and his wife Lydia, a Polish widow of a political exile, but most of the novel focuses on Lydia's granddaughter, Ursula, who escapes her confining environment by becoming a teacher. Ursula has an affair with Anton Sktebensky, whom she eventually rejects, and she feels an attraction to the female teacher Winifred Inger, who marries her uncle. FTP, what D. H. Lawrence novel concerns three generations of the Brangwen family?

Answer: The _RAINBOW _
T12. This chemist was the first to demonstrate that, for electrochemistry, oxidation and reduction takes place at the electrodes. His study of the combustion of hydrocarbons led to the commercial fractionation of natural oil into its components. FTP, name this German, who resigned as head of the Physical Chemistry department of the Kaiser Wilhelm Institute in 1933, who won the Nobel Prize in Chemistry in 1918 for his ammonia process.

Answer: Fritz _HABER_
T13. In _The Road to Serfdom_, the Austrian economist Frederich August von Hayak attacked government interference in the market system and later won the Nobel Prize, sharing it with a more famous economist. FTP, identify the Swedish sociologist and economist who shared the 1974 Economics prize with von Hayak.

Answer: Gunnar_MYRDAL_(accept von Hayak if someone buzzes in on _The Road to Serfdom_)
T14. Harrison Gray Otis defended it in a series of open letters published in 1824 and in his inaugural address as mayor of Boston, while George Cabot was its president. Its report of Jan. 5, 1815, attacked President James Madison's mercantile policies and the War of 1812 , but this a secret assembly first called on Dec. 15, 1814 instead aroused charges of lack of patriotism and led to the demise of the Federalist party. FTP, name this meeting held in Connecticut.

## Answer: _HARTFORD_Convention

T15. At age 13, he started working in a porcelain factory, painting flowers on plates. Eight years later, he began taking lessons at the studio of Charles Gleyre where he studied alongside Monet, Sisley, and Bazille. During the early 1880s, the combination of several trips to Italy, Algeria, and Provence, and reading Cennino Cennini's "A Treatise on Painting" led to his "dry" or "Ingres" period in which he shifted from emphasizing the color and brushstokes of Impressionism to instead line, form and volume. FTP, name this painter of such works as "Le Moulin de la galette", "Mme Charpentier and Her Children" and "The Luncheon of the Boating Party."

Answer: Pierre-Auguste _RENOIR_

T16. According to the Greek poet Hesiod, a bronze anvil falling from heaven would take nine days and nights to reach earth, and an object would take the same amount of time to fall from earth into this place. It is described as a dank, gloomy pit, surrounded by a wall of bronze, and beyond that a three-fold layer of night. Along with Chaos, Earth, and Eros, it is one of the first entities to exist in the universe. FTP, name this place, guarded by the Hecatonchires, the prison for defeated gods.

Answer: _TARTARUS_
T17. There are about 200 in each square degree of the sky and their spectra do not seem to be affected by the interpolation of intergalactic gases. They may be inexplicably bright cores of galaxies near the edge of the known universe receding from us at high velocities. FTP, what are these telescopically star-like celestial objects whose spectra show an abnormally
large red shift?
Answer: _QUASAR_(s) (or _quasi-stellar object_(s))
T18. A grandson or grandnephew of the warrior king Sundiata, he extended his empire still further and ruled it at the height of its extent and power. He attempted a systematic conversion to Islam of the sub-Saharan population, built splendid mosques, introduced Asian architecture, and spread Islamic law and civilization and made Tombouctou the unquestioned cultural center and commercial metropolis of western Africa. FTP, who was this ruler of the Mali Empire from 1312-1337 whose famous pilgrimage to Mecca in 1324 included such lavish spending in Cairo that the price of gold plummeted and took a dozen years to recover?

Answer: Mansa _MUSA_
T19. Considered by many to be the only true object-oriented programming environment, it is known for its incremental developmental style, its handling of memory concerns for the programmer, and its reflectiveness, which are all consequences of its virtual machine. Alan Gay borrowed ideas from Simula and LOGO to create it in the early 1970's at Xerox Corporation's Palo Alto Research Center. FTP, identify this programming language with a name which is also synonymous with meaningless chit-chat.

Answer: _SMALLTALK_
T20. Near the height of his fortune, he built the baronial mansion of Abbotsford, but he had to spend his later years working off debts after the publishing firm Ballantyne, of which he was a partner, went bankrupt. Despite being the most popular novelist of his day, his works have lost favor, partly because of the uncommon incidents which make his plots improbable. FI'P, name this author noted for the works Peveril of the Peak, Ouentin Durward, Marmion, and The Heart of Midlothian.

Answer: Sir Walter_SCOTT_
T21. Born in 1893 the son of a peasant librarian, he first became interested in anarchism and in 1927 led the abortive Autumn Harvest uprising, which forced him to flee to the mountains. There, in 1931, he declared a republic in Kiangsi and after being surrounded by government forces in 1934, led his followers on a 6,000 mile trek over eighteen mountain ranges and twenty-four rivers to Shensei in extreme northwestern China- an ordeal aptly called the Long March. FTP, who was this Chinese leader, founder of the People's Republic of China, and referred to as "The Great Helmsman?"

Answer: _MAO_Tse-Tung
T22. After having been engaged to Felice Bauer twice, this man moved to Berlin and met Dora Dymant, a Jewish Socialist. His works include such titles as A Country Doctor, The Great Wall of China, In the Penal Colony, and Eleven
Sons. His close friend and biographer, Max Brod, was also responsible for the publication of many of his works, which the author had wanted destroyed. FTP, who is this author of Amerika, The Castle, and The Trial?

Answer: Franz_KAFKA_
T23. He became the leading spokesman for the extreme expression of the New Negro movement in the early 1900's. In 1916, he brought to New York the United Negro Improvement Association, which he had started two years earlier in Jamaica. FTP, name this man, an early leader of black separatists, whose "Back to Africa" message influenced such thinkers as Malcolm X.

Answer: Marcus _GARVEY _

B1. Identify the following amino acids from clues for the stated number of points.

1. For 5 points, those who suffer from phenylketonuria (fee-nuhl-kee-toh-noo-ree-uh) must avoid Nutrasweet (and just about all protein containing food) until adulthood because it contains this amino acid.
Answer: _PHENYLALANINE_
2. FTP, first isolated from casein, a phosphoprotein of milk, its name derives from the Greek for cheese. Although sometimes erroneously referred to as an essential amino acid, it can easily be synthesized from phenylalanine by the addition of a hydroxyl group. Answer: _TYROSINE_
3. For 15 points, discovered by Vauquelin, and named after the vegetable it was isolated from, it was the first amino acid discovered. Answer: _ASPARAGINE_

B2. Identify the following Platonic dialogues for the stated number of points.

1. Alcibiades, Aristophanes, Pausanias, and Socrates among others discuss love at a banquet in Agathon's house to honor his first victory at the Theater of Dionysus festival.
Answer: _SYMPOSIUM_
2. FTP, at Phlius, a disciple of Socrates narrates to Echecrates an eyewitness account of Socrates's execution.

Answer: _PHAEDO_
3. For 15 points, Socrates and a rich young nobleman from Thessaly discuss virtue.

Answer: _MENO_
B3. Name the members of Les Six from clues for the stated number of points.

1. For 5 points, his first success was the oratorio "King David", followed by the operas "Judith" and "Antigone". "Rugby", a program piece, brings to mind sports, while another famous piece is an orchestral tone poem imitating the sound of a certain type of vehicle.
Answer: Arthur _HONEGGER_
2. For 5 points, he wrote more than 100 melodic songs based on the poem by Guillaume Apollinaire and Paul Eluard. He also based an opera "The Breasts of Tiresias" on a 1903 play by Apollinaire.
Answer: Francis _POULENC_
3. FTP, in 1936, he joined the French Communist Party, and like Poulenc, he was a member of the Resistance in WWII. Music critic for the Communist paper, "Humanite", from 1950 on, he received the Grand Prix de la Musique in 1961.
Answer: Georges _AURIC_
4. FTP, the only female member of Les Six, she changed her name from "Taillefesse", which can mean "ass cutter" in French. A student of Ravel's for a short time, Jean Cocteau likened her music to pastels for the ears.
Answer: Germaine _TAILLEFAIRE_

B4. Identify these parts of T. S. Eliot's Four Quartets on a $10-5$ basis.

1. 10 points--It opens with a depiction of the Mississippi river as a Yahweh-like god and its third section evokes the exchange between Krishna and Arjuna in the Bhagavad Gita.

5 points--This part of the quartet takes its name from a group of rocks with a beacon that served as a seamark off Cape Ann on the Massachusetts coast, where Eliot went sailing as a boy out of Gloucester Harbor.
Answer: The _DRY SALVAGES_
2. 10 points--This part is named after a Somerset village which was home to Eliot's ancestors.

5 points--The second quartet to be published, it is primarily associated with the element of earth.
Answer: _EAST COKER_
3. 10 points--In this part, an old poetic master appears to Eliot during the morning after a German attack in WWII.

5 points--Associated with fire, this last of the quartets concludes with the line "And the fire and the rose are one."
Answer: _LITTLE GIDDING_

B5. Identify these unrelated people for the stated number of points each.

1. For 15 points, in Dickens' "Pickwick Papers," this gentleman is Serjeant Snubbin's junior in the case of Bardell v. Pickwick.

Answer: Mr. _PHUNKY _
2. FTP, the subject of a play by Sophocles, this Greek hero was a great archer, and an oracle claimed that only with his bow could

Troy be taken.
Answer: _PHILOCTETES
3. For 5 points, he gives his name to a George Meredith poem, and was the foster son of Merops, the King of Ethiopia. He's probably best known for attempting to drive the chariot of the sun.
Answer: _PHAETON_
B6. Identify the Egyptian deities on a 5-5-10-10 basis.

1. For 5 points, reputed to be the inventor of embalming, he was represented by a jackal or the figure of a man with the head of a jackal.
Answer: _ANUBIS_(or Anpu)
2. For 5 points, later deified as the patron of scholars and healers, this man was the architect of King Zoser's step pyramid.

Answer: _IMHOTEP_(Greek Imouthes)
3. FTP, Represented as a man in mummy form, the Greeks identified him with Hephaestus. Originally the local deity of Memphis, this creator-god and maker of things was a patron of craftsmen, especially sculptors and his high priest was called "chief controller of craftsmen." With his companion Sekhmet and the youthful god Nefertem, he was one of the Memphite Triad of deities.
Answer: _PTAH_(also spelled Phthah)
4. FTP, a popular household goddess associated with women in childbirth and the nursing of infants, she was represented as having a hippopotamus's head, the tail of a crocodile, and the claws of a lion.
Answer: _TAURT_ (also called Taweret, or Thoueris) (Do not accept Opet or Apet)
B7. Pencil and paper ready, order the 5 following U.S. Secretaries of War and Defense in order in that they served from earliest to most recent. You'll get a bonus 5 points for having them all correct. They are: Simon Cameron, John Armstrong, Donald Rumsfeld, James Vincent Forrestal, , and Elihu Root.

Answer: John _ARMSTRONG_(1813-14), Simon_CAMERON_(1861-62), Elihu _ROOT_(1899-1904), James Vincent _FORRESTAL_(1947-49), Donald _RUMSFELD_(1975-77)

B8. On a $10-5$ basis, given a line from a poem for ten points or the poet for five, identify the poem:

1. 10 points--Swept with confused alarms of struggle and flight,/ Where ignorant armies clash by night. 5 points--Matthew Amold
Answer: _DOVER BEACH_
2. 10 points--Sunset and evening star, and one clear call for me.

5 points--Alfred, Lord Tennyson
Answer: _CROSSING THE BAR
3. 10 points--Thou still unravished bride of quietness,/ Thou foster-child of silence and slow time, 5 points--John Keats
Answer: _ODE ON A GRECIAN URN_
B9. Identify the following from 1871 for 15 points each.

1. The House Judiciary Committee rejected the woman's suffrage petition submitted on I I January 1871 by this New York stockbroker and newspaper editor, who also ran with Frederick Douglas for the Equal Rights Party in 1872.
Answer: Victoria _WOODHULL_
2. At least 1,100 people died in this lumber town on 8 October 1871 . Destroyed on the same day as part of Chicago, the fire that razed this town virtually destroyed it.
Answer: _PESHTIGO_, Wisconsin
B10. For five points each, give the capitals of the following districts, regions, or states of European nations:
3. Schleswig-Holstein state in Germany
4. Lombardy region in Italy
5. Catalonia region in Spain
6. Gironde department in France
7. North Rhine-Westphalia state in Germany
8. Piedmont region in Italy

Answer: _HAMBURG_
Answer: _MILAN
Answer: _BARCELONA_
Answer: _BORDEAUX_
Answer: _DUSSELDORF_
Answer: _TURIN_

B11. Identify the following from particle physics for the stated number of points..

1. For five points apiece and a 5 points bonus for all correct, name the three scientists who won the Nobel Prize for their combination of the electromagnetic and weak forces to the electroweak force and for the prediction of the W and Z bosons.
Answers: Sheldon_GLASHOW_, Abdus _SALAM_, and Steven _WEINBER_
2. FTP, it consists of three quarks and along with mesons, it is a subclass of hadrons. They have half-integral spins and include protons and neutrons.
Answers: _BARYONS_
B12. Identify these British prime ministers of the 1920s and 1930s FTP each.
3. Prime minister three times in the 1930s, this Conservative statesman led stable governments but provoked the wrath of organized labor before \& after the 1926 General Strike and failed to curb unemployment. He handled the crisis of Edward VIII's abdication in 1936.

Answer: Stanley _BALDWIN
2. A fellow Conservative who held office under Baldwin, he took over at prime minister for him in 1937. His half brother Joseph won the 1925 Nobel Prize for Peace for his work on the Locarno Treaties and he himself resigned on 10 May 1940 after the failure of an expedition to help Norway.
Answer: Arthur Neville _CHAMBERLAIN
3. Prime minister from January to October 1924 and again from 1929-31, this man was the founder of the Labour Party and headed its first two governments. He was ousted in 1935 after losing his party's confidence for heading a coalition government to deal with the Great Depression.
Answer: John Ramsay _MACDONALD_
B13. For five points each, given the real names, give the more common letter designations for these vitamins:

1. thiamine
2. ascorbic acid
3. tocopherol
4. cobalamin
5. pyridoxine
6. ribollavin

Answer: _B1_
Answer: _C_
Answer: _E_
Answer: _ ${ }^{-1} 12$
Answer: - ${ }^{-}$6-
Answer: _B2_
B14. 30-20-10 Identify the following person.
30) A gifted intellectual, this person wrote Women in the 19th Century and translated Eckermann's Conversations with Goethe.
20) She was killed, along with her husband and infant child, when her ship wrecked off the shore of Fire Island, New York on 19 July 1850 while returning from Rome.
10) With the aid of George Ripley and Ralph Emerson, she founded and edited for a time the transcendental periodical The Dial.

Answer: Margaret _FULLER_
B15. Given a famous king from Greek mythology, name their kingdom for five points each.

1. Rhadamanthys
2. Cadmus
3. Erecthonius
4. Cecrops
5. Odysseus
6. Dardanus

Answer: _CRETE
Answer: _THEBES
Answer: _ATHENS_
Answer: _ATHENS_
Answer: _ITHACA_
Answer: _-TROY_

B16. Identify the following terms from chemistry FTP each.

1. This principle states that each atom is "built up" by adding the number of nucleons specified by the atomic and mass number as well as the number of electrons into orbitals to give the lowest total energy for the atom.
Answer: _AUGBAU_Principle
2. This principle states that electrons must occupy orbitals of a given subshell singly before pairing begins.

Answer: _HUND'S RULE
3. This is exhibited when substances that contain unpaired electrons that are weakly attracted into a magnetic field.

Answer: _PARAMAGNETISM_

B17. Name the author of these works for the stated number of points:

1. FTP, Midaq Alley Answer: Naguib Mahfouz
2. FTP, July's People Answer: Nadine Gordimer
3. For 5 points, Anthills of the Savannah Answer: Chinua Achebe
4. For 5 points, The Lion and the Jewel Answer: Wole Soyinka

B18. On a 10-5 basis, given a description for ten points or the name of the European war for five, give the North American war counterpart.

1. 10 points--Lasting from 1702-13, Britain beat off French attacks and took Acadia from them. The French and Spanish unsuccessfully attacked Charleston and the resulting Peace of Utrecht ceded much territory to Britain.

5 points--War of the Spanish Succession
Answer: _QUEEN ANNE'S WAR
2. 10 points--After much disorganized raiding, New England troops captured the French fort Louisbourg in 1745. This war, lasting from 1744-48, was ended by the Treaty of Aix-la-Chapelle, which restored the status quo.

5 points--War of the Austrian Succession
Answer: _KING GEORGE'S WAR_
3. 10 points--In this war, France attempted to hem Britain into lands east of the Appalachians by linking their Canadian and Mississippi River territories, building several forts on disputed territory to do this.

5 points--Seven Years War
Answer: _FRENCH AND INDIAN WAR_
B19. Identify the authors of the following classic texts of economics for FTP each.

1. The Principles of Political Economy and Taxation

Answer: David _RICARDO_
2. The General Theory of Employment, Interest, and Money

Answer: John Maynard _KEYNES
3. National Income and Its Composition, 1919 to 1938

Answer: Simon _KUZNETS_
B20. 30-20-10 Identify the literary work.
30) Consisting of some 4,002 lines, it authorship is sometimes attributed to Turold and it is set at the battle of Roncesvafles.
20) It is a chanson de geste, and retells a French legend common between the 9 th and 12 th centuries.
10) The title character, sometimes called a nephew of Charlemagne, is the King's most famous palladin.

Answer: _SONG OF ROLAND_
B21. Identify these stars in the constellation Orion FTP each.

1. Brightest star in the constellation, it is a blue-white supergiant with an estimated diameter of 35 of our Suns. It is 900 light-years away and is 50,000 times more luminous than our Sun.
Answer: _RIGEL
2. Second brightest in Orion, it is a variable red giant several thousand times brighter than our Sun and is 420 times its diameter. It is about 500 light-years from Earth.
Answer: _BETELGEUSE_
3. Third brightest in the constellation is this star whose name in Arabic means "warrioress". This star forms Orion's left shoulder.

Answer: _BELLATRIX_
B22. Identify the following Nobel Prize winners in physics from a description of their accomplishment FTP points each.

1. For his discovery of the wave nature of the electrons.

Answer: Louis _DE BROGLIE_
2. For his work on the equation of state for gasses and liquids.

Answer: Johannes _VAN DER WAALS
3. For his discovery of the quantized Hall effect.

Answer: Klaus _VON KLITZING_

