

8/23/01

Questions by UC Berkeley Bootsyanaa! (Seth Teitler)

1. He explained how hydrogen and chlorine explode on exposure to light, and with his student Lindemann he developed a theory of specific heat. In 1889 he applied the principles of thermodynamics to the electric cell and worked out his eponymous equation relating the potential to other properties of the cell. FTP, who won the 1920 Nobel Prize in chemistry for discovering the third law of thermodynamics?

ANSWER: Hermann Walther \_Nernst\_

2. The whole line was characterized by the possession of long hair as a symbol of royalty. Their kingdom included Austrasia and Neustria. They instituted the office of the mayor of the palace, originally an administrative assistant who supervised matters in the palace while the king was on campaign. In 752, Childeric III had his hair ceremonially shorn and was deposed by a mayor of the palace, ending the line. FTP, name this Frankish dynasty whose realm was consolidated by Clovis.

ANSWER: \_Merovingian\_ dynasty

3. He made his home in a cave on Salamis, and late in his life he left Athens for the court of King Archelaus of Macedon. Aristophanes taunted that his mother had sold vegetables, and he endured at least two disastrous marriages to unfaithful women. Among his extant plays is The Cyclops, the only surviving satyr play. He earned the reputation of being the most tragic of the tragedians, appealing more to human emotions than to religious sentiment. FTP, name this playwright of The Bacchae, The Trojan Women, and Medea.

ANSWER: \_Euripides\_

4. He did his graduate work under William James, and studied in Germany under Helmholtz among others. He was a functionalist, and invited Freud to give a series of lectures at Clark University in 1909. He launched the first psychology journal in America, and established America's first psychology research laboratory. FTP, name this first president of the American Psychological Association.

ANSWER: Granville Stanley \_Hall\_

5. Founded by Schmidt-Rottluff, Heckel, and Kirchner in 1905 in Dresden, the group moved to Berlin in 1911. In such paintings as Kirchner's series of street scenes, they attacked the blooming German metropolitan culture. Their name came from a passage in Thus Spake Zarathustra on the transition from contemporary humanity to the Übermensch. FTP, name this German Expressionist group whose name means "the bridge."

ANSWER: \_Die Brücke\_

6. Objects in this group very likely have been there since the beginning of the solar system, but the low temperatures ensure slow evolution. Members range in size from tiny grains to minor planets hundreds of kilometers across. Pluto and its moon Charon are the largest members of this group. FTP, name this group of comet-like objects with orbits beyond Neptune.

ANSWER: Kuiper Belt

7. The father of Forseti, he lived in the hall Breidablik with his wife Nanna. When Skadi came to Asgard to choose a husband, she was hoping for this handsome god. Because the witch Thokk would not weep for him, Hel would not release him back to the land of the living after his death. He was killed by his blind twin brother Hod with a mistletoe dart made by Loki. FTP, name this son of Odin and Frigg, the Norse god of light.

ANSWER: Balder

8. He organized his own fire department, hastened them out to any structure that was on fire, bargained until the owner sold him the property for virtually nothing, and then put out the fire. In 55 BC he became consul in charge of Syria, and set out to battle the Parthians. After losing the disastrous battle of Carrhae, legend has it he was killed by having molten gold poured down his throat. FTP, name this very rich member of the First Triumvirate along with Pompey and Caesar.

ANSWER: Crassus

9. (She receives a <sup>change</sup> surprise visit from Joan at Caplan, but Joan doesn't make a pass <sup>at her</sup> until they're both at Belsize.) Joan and the main character both dated Buddy Willard in college. At the beginning of the novel, the main character is in New York on a scholarship with Mademoiselle magazine. First published in 1963 under the pseudonym Victoria Lucas, it is the story of Esther Greenwood, who undergoes electroshock therapy ~~after~~ <sup>before attempting</sup> a suicide ~~attempt~~. FTP, name this novel by Sylvia Plath.

ANSWER: The Bell Jar

10. Poisson's equation relates the local charge density to the Laplacian of this quantity. It must be constant over the surface of a conductor at equilibrium. It can be expressed as the negative line integral of the electric field. Conversely, the electric field can be expressed as the negative gradient of this quantity. FTP, identify this scalar quantity, the work per unit charge required to move a charge in an electrostatic field, whose SI unit is the volt.

ANSWER: electric potential

11. In 1851 he was appointed organist at the St. Florian monastery. Determined to become a virtuoso of the keyboard he made it a habit to practice ten hours a day on the piano and three hours on the organ. Deeply inspired by the music of Tannhauser, he traveled to Bayreuth for the opening of Tristan und Isolde. His pupil Gustav Mahler helped console him after the disappointing premier of his Third Symphony, which he dedicated to Wagner. FTP, identify this Austrian composer.

ANSWER: Anton \_Bruckner\_

12. Born in Córdoba shortly after Averroës, he left Spain as a child, traveling eastward and finally settling in Egypt in 1165 ~~AD~~. There he served as physician to Saladdin, and declined an invitation to England from Richard the Lion-Heart. In his most famous work, he tries to reconcile the teachings of Aristotle with the teachings of the Old Testament. FTP, identify this author of Guide for the Perplexed, perhaps the most influential of all Jewish philosophers.

ANSWER: \_Maimonides\_ or Moses Ben \_Maimon\_

13. In soccer, it is called on a player on the opponent's half of the field, with less than two defenders between the player and the goal, who affects gameplay. In hockey, it is called if a player precedes the puck with both skates completely over the outer <sup>edge</sup> of the blue line into his Attacking Zone. FTP, what penalty in football is called on a player when any part of his body is beyond his scrimmage or free kick line when the ball is snapped or kicked?

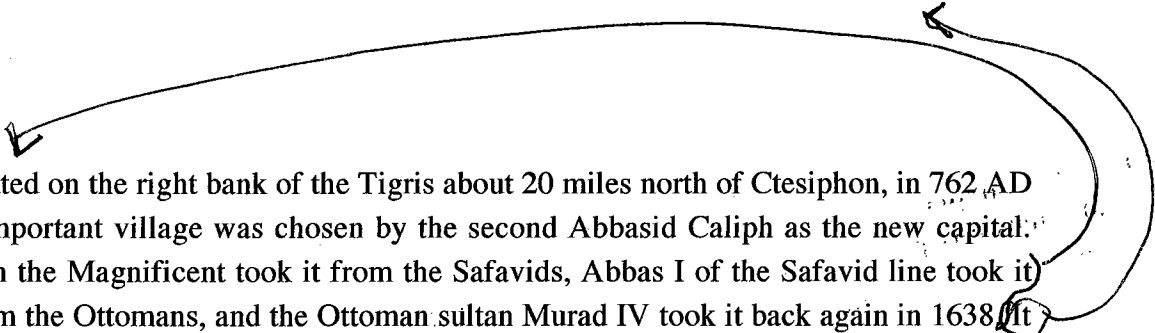
ANSWER: \_offsides\_

14. In 1863 he entered Congress, serving in the House of Representatives until 1876 and holding the speakership from 1869 to 1875. A leader in the formation of the Republican party in Maine, he was state chairman from 1859–81. The leader of the "Half-Breed" Republicans, he was defeated in the 1876 presidential election, the Conkling faction prevented his nomination in 1880, and he lost the very close election of 1884. FTP, who was this Secretary of State under Garfield and Benjamin Harrison?

ANSWER: James Gillespie \_Blaine\_

15. There was relatively little tectonic activity in this period. The Appalachian Mountains, which uplifted during the previous period, were being eroded. The fauna of the period was dominated by marine invertebrates, including crinoids and mollusks, and primitive fishes increased in number. Lasting from about 435 to 405 million years ago, it was the third period of the Paleozoic Era. Named for an ancient tribe of South Wales, this is, FTP, what period lying between the Ordovician and Devonian?

ANSWER: \_Silurian\_



16. Situated on the right bank of the Tigris about 20 miles north of Ctesiphon, in 762 AD this unimportant village was chosen by the second Abbasid Caliph as the new capital. Suleiman the Magnificent took it from the Safavids, Abbas I of the Safavid line took it back from the Ottomans, and the Ottoman sultan Murad IV took it back again in 1638. It was occupied in 1917 by the British. A 1955 pact of this name later became known as the Central Treaty Organization. FTP, name this capital of Iraq.

ANSWER: Baghdad

17. On August 13, in a move almost universally condemned at home and abroad, he visited a 25-acre complex honoring his country's war dead. During his election campaign, he had repeatedly pledged to visit the shrine on the 56th anniversary of his country's surrender, but in light of the recent deterioration of relations with South Korea and China, he went two days early. FTP, name this recent visitor to the Yasukuni Shinto Shrine, the Prime Minister of Japan.

ANSWER: Junichiro Koizumi

18. The main character specializes in making grotesque faces, such as his Sex Life in Ancient Rome face. In the end, the main character heads for London with Christine Callaghan. While he was in academia, he wrote an unpublished article titled "The economic influence of the developments in shipbuilding techniques, 1450 to 1485." FTP, name this satiric novel dealing with the misadventures of Jim Dixon, written by Kingsley Amis.

ANSWER: Lucky Jim

19. He accumulated a fortune in the indigo trade and as a military contractor and retired from business in 1863. After several years of study and travel, in 1871 he undertook at his own expense excavations at Hissarlik that resulted in the discovery of four superimposed towns. He related every object he found to the verses of Homer, which he knew by heart. FTP, name this German archaeologist, who discovered the ruins of Troy.

ANSWER: Heinrich Schliemann

20. The monomer for this polysaccharide is an amino sugar, a glucose molecule with a nitrogen-containing appendage. In its pure form it is leathery, but it becomes hardened when encrusted with calcium carbonate. It is found in many fungi, which use it rather than cellulose as building material for their cell wall. FTP, identify this structural polysaccharide used by arthropods to build their exoskeletons.

ANSWER: chitin



21. Francisco Solano López, who favored the Blanco regime in Uruguay, precipitated it by declaring war following Brazil's military reprisals for injuries to Brazilian subjects in Uruguay's civil war. After Bartolomé Mitre refused to allow Paraguayan troops to cross Argentine territory, López rashly declared war on Argentina as well. Brazil and Argentina made a secret alliance with Uruguay and proceeded to crush Paraguay in, FTP, what 1865-1870 war?

ANSWER: War of the Triple Alliance

22. Reluctantly crouched at the starting line/ Engines pumping and thumping in time/ The green light flashes, the flags go up/ Churning and burning they yearn for the cup...As they speed through the finish, the flags go down/ The fans get up and they get out of town/ The arena is empty except for one man/ Still driving and striving as fast as he can. FTP, give the title of the Cake song these lines are from, and you will identify where this man is going.

ANSWER: The Distance

23. He obtained a sinecure in the foreign ministry in St. Petersburg, but ~~in 1824~~ he was expelled from the government and banished to his family estate. His works include Tales by Belkin, Little Tragedies, and The Fountain of Bakhchisaray. He died in a duel with a guards officer over his wife in 1837. More famous works include Ruslan and Ludmilla, The Captive of the Caucasus, and The Queen of Spades. FTP, name this foremost Russian poet and author of The Bronze Horseman and Eugene Onegin.

ANSWER: Aleksandr Sergeyevich Pushkin

24. Hospitalized in late July for treatment for Bell's palsy, he underwent surgery to remove a blood clot from his brain in early August, and died August 16 at a hospital in Jackson, Mississippi. He was elected to the House in 1971, and represented a heavily militarized district, serving as chairman of the Armed Services Committee from 1995 until January. FTP, name this recently deceased Republican congressman from South Carolina.

ANSWER: Floyd Spence

25. After he arrived in Calicut, trouble arose over establishing a post for trade and for converting the Muslims. He bombarded the city but had to retreat in order to save his East Indian cargo. Sent out by Manuel I in 1500 as head of a fleet destined for India, one of his officers was Bartolomeu Dias, and he was a friend of Vasco da Gama. FTP, name this Portuguese navigator, whose claim to being the discoverer of Brazil has been questioned.

Answer: Pedro Alvares Cabral

1. Identify the composer from works on a 10-5 basis.

10) Khovanshchina, Songs and Dances of Death

5) Pictures at an Exhibition, Night on Bald Mountain

ANSWER: Modest Petrovich \_Mussorgsky\_

10) Samson et Delila, Danse Macabre

5) Carnival of the Animals

ANSWER: Camille \_Saint-Saëns\_

10) Church Windows, Roman Festivals

5) The Fountains of Rome, The Pines of Rome

ANSWER: Ottorino \_Respighi\_

2. Identify the following terms from plant biology 5-10-15.

5) Tracheids and vessel elements are the two types of cell for this vascular tissue, which conveys water and dissolved minerals upward from the roots into the shoots.

ANSWER: \_xylem\_

10) Most plants have this sort of modified roots, which are actually mutualistic associations between the roots and fungi.

ANSWER: \_mycorrhizae\_

15) In angiosperm pollination and fertilization, one sperm combines with two polar nuclei to form a triploid cell that develops into this mass of tissue, which provides the developing embryo with nutrients.

ANSWER: \_endosperm\_

3. Identify the following foreigners who helped the Americans during the Revolutionary War FTSNOP.

5) Sent by Louis XVI with some 6,000 regulars, in July, 1781, he joined Washington on the Hudson River and the two armies marched south against General Cornwallis. The result was the Yorktown campaign, which ended the war.

ANSWER: Jean Baptiste Donatien de Vimeur, comte de \_Rochambeau\_

10) This Prussian army officer and general in the American Revolution served with Washington at Valley Forge in the winter of 1778, and undertook the training of the Continental army.

ANSWER: Friedrich Wilhelm, Baron von \_Steuben\_

15) This Polish patriot and general commanded the defense of Charleston and led a cavalry brigade in the siege of Savannah.

ANSWER: Casimir \_Pulaski\_

4. Identify these Sumerian deities F15PE.

15) The Sumerian high god of water and intellect, creation, wisdom and medicine who could restore the dead to life. He was the source of all secret and magical knowledge of life and immortality. In most myths his consort is Damkina, or Ninhursag. He was called Ea in Babylonian. ~~myth~~

ANSWER: \_Enki\_

15) She tried to take over rule of the underworld from her sister Ereshkigal, but was sentenced to death. Through Enki's intervention her consort Dumuzi took her place. The most important goddess of the pantheon, she was the goddess of love, fertility, and war. The Akkadians called her Ishtar.

ANSWER: \_Inanna\_

5. FTPE, identify the following famous lines from Hamlet, given the lines that follow.

10) And it must follow, as the night the day, thou canst not then be false to any man.

ANSWER: \_To thine own self be true\_

10) I knew him, Horatio—a fellow of infinite jest, of most excellent fancy.

ANSWER: \_Alas, poor Yorick!\_

10) If it be now, 'tis not to come; if it be not to come, it will be now; if it be not now, yet it will come. The readiness is all.

ANSWER: \_There's special providence in the fall of a sparrow\_ (be lenient if someone doesn't get this exactly right, word for word)

6. Identify the following individuals associated with intelligence testing FTSNOP.

5) He designed intelligence tests that tried to assess innate mental ability by measuring simple sensory processes. A cousin of Charles Darwin, his conviction about the importance and genetic basis of intelligence led him to advocate eugenic programs.

ANSWER: Sir Francis \_Galton\_

5) In 1904, the minister of public instruction in France asked him to design a test to identify mentally subnormal children. With his colleague Theodore Simon, he published the test, which measures a child's mental age.

ANSWER: Alfred \_Binet\_

10) He and his colleagues at Stanford University worked on a major expansion and revision of the Binet-Simon test, leading to the 1916 publication of the Stanford-Binet Intelligence Scale, which incorporated a new scoring scheme based on the "intelligence quotient."

ANSWER: Lewis \_Terman\_

10) He set out to improve the measurement of intelligence in adults. In 1939 he published the first high-quality IQ test designed specifically for adults, which came to be known as the WAIS.

ANSWER: David \_Wechsler\_

7. <sup>n</sup>Identify the following theorems of group theory FTPE.

10) If  $p$  is a prime and  $p$  divides the order of group  $G$ , then  $G$  contains an element of order  $p$ .

ANSWER: \_Cauchy's Theorem\_

10) If  $G$  is a finite group of order  $p^n m$ , where  $p$  is prime and does not divide  $m$ , then  $G$  has a subgroup of order  $p^n$ .

ANSWER: \_Sylow's Theorem\_ or \_First Sylow Theorem\_

10) If  $G$  is a finite group and  $H$  is a subgroup of  $G$ , then the order of  $H$  divides the order of  $G$ .

ANSWER: \_Lagrange's Theorem\_

8. <sup>Around</sup> ~~A little after~~ 803 AD, a Byzantine Emperor sent a letter to an Abbasid ruler announcing he would no longer pay tribute. The Abbasid ruler responded in a letter, "I have received your letter, son of an infidel, and you shall not hear my reply, you shall ~~hear~~ <sup>see</sup> it." Identify the following people associated with the event FTSNOP.

10) The Abbasid ruler who sent the reply promptly invaded Asia Minor and forced a humiliating peace and the resumption of the tribute. The most famous of the Abbasid rulers, he is well known for his role in the Arabian Nights.



ANSWER: Harun \_al-Rashid\_

15) The treasurer of the previous ruler, this man was placed on the Byzantine throne in 803 by a conspiracy of generals. In addition to sending the letter to Harun al-Rashid, he made peace with Charlemagne, and died in battle against the Bulgarians.

ANSWER: \_Nicephorus I\_ (ny-sef'oh-rus)

5) The wife of Constantine V, she was succeeded by Nicephorus (ny-sef'oh-rus). After blinding her son, she declared herself emperor and reigned from 797 to 802. She worked to reverse Iconoclasm and was successful in 787 at the Seventh Ecumenical Council at Nicaea.

ANSWER: \_Irene\_

9. People tend not to give drummers and bass players enough credit. Given a rock band, identify the drummer and the bass player FTPE.

5;5) The Who

ANSWER: Keith \_Moon\_ (drummer), John \_Entwhistle\_ (bass player)

5;5) Jimi Hendrix Experience

ANSWER: Mitch \_Mitchell\_ (drummer), Noel \_Redding\_ (bass player)

5;5) Led Zeppelin

ANSWER: John \_Bonham\_ (drummer), John Paul \_Jones\_ (bass player)

10. Identify the following provinces of the Roman Empire FTPE.

10) The province took its name from a group of warlike tribes who, despite defeats, resisted Roman domination until their great leader, Viriatus, was killed in 139 BC by treachery. As constituted by Augustus it included all of modern central Portugal as well as much of west Spain.

ANSWER: \_Lusitania\_

10) Trajan invaded the region in AD 102 and again in 105. He established a large number of colonies, and the region became a Roman province. It corresponds roughly to modern Romania, including Transylvania.

ANSWER: \_Dacia\_

10) After subduing revolts in the region, Claudius made it a province. He actually split it into two provinces, with capitals at Caesarea and Tingis. This province lay west of Numidia, and included most of present-day northern Morocco and western Algeria.

ANSWER: Mauretania

11. Identify the following Edgar Allan Poe works 5-10-15.

5) A friend visits Roderick in an attempt to raise his spirits. Roderick is convinced that his buried sister Madeline is still alive. After Madeline enters in her shroud, Roderick and she fall dead. The visitor flees, and sees the family mansion split and sink into the tarn.

ANSWER: The Fall of the House of Usher

10) Egaeus is in love with his epileptic cousin, the title character. Fascinated by her teeth, he draws them when she is presumed dead, after a fit. In a comic-horror climax, she returns to life.

ANSWER: Berenice

10) The Fall of the House of Usher and Berenice are both found in this first collection of short stories by Poe.

ANSWER: Tales of the Grotesque and Arabesque

12. Identify the following stellar objects 5-10-15.

5) Their core is essentially a helium white dwarf. Hydrogen burns in a shell around the core in these post-Main Sequence stars, and our Sun will eventually turn into one of these and swallow the Earth.

ANSWER: red giant

10) They all involve interacting binary systems with mass transfer to one member, usually a white dwarf. It is thought that they recur periodically. The increase in brightness can range from a factor of 10 to more than 1,000,000.

ANSWER: nova

15) Unlike their counterparts, the Cepheids, this class of variable stars has periods of less than one day. They also all have about the same time-averaged luminosity.

ANSWER: RR Lyrae

13. Identify the following painters of Madonnas FTSNOP.

5) Madonna of the Long Neck

ANSWER: Parmigianino

5) Madonna of the Rocks

ANSWER: Leonardo da Vinci (accept either part)

5) Madonna of the Goldfinch, Sistine Madonna, Madonna of the Chair

ANSWER: Raphael Santi or Sanzio (accept either part)

5) Madonna of the Pomegranate, Madonna of the Magnificat

ANSWER: Sandro Botticelli or Alessandro di Mariano dei Filipepi

10) Madonna with Members of the Pesaro Family

ANSWER: Titian or Tiziano Vecelli

14. Identify the following Greek philosophers 5-10-15.

5) The first of the Seven Wise Men of Greece, he believed that water was <sup>the</sup> basic stuff of the universe. He also correctly predicted a solar eclipse on May 28, 585 BC

ANSWER: Thales

10) Known as the Dark One due to his pessimism, he claimed the basic stuff of the universe was fire, and stated that "everything changes but change itself."

ANSWER: Heraclitus

15) A member of the Milesian school, he may have been a pupil of Anaximander. He believed that air is the basic stuff of the universe, which is transformed into all other substances through condensation and rarefaction.

ANSWER: Anaximenes

15. Answer the following questions about President Bush and the news FTPE.

10) George W. Bush <sup>declared</sup> ~~stated~~ in mid-August that there's no need to approve the harvesting of more of these cells from discarded embryos because scientists around the world have already established 60 different lines of them.

ANSWER: stem cells

10) The recently released results of the 2000 census mean changes in the number of electoral votes for some states. Of the states that voted for Gore, this was the only one to gain ground, with a net Electoral College gain of one seat.

ANSWER: \_California\_

10) What was the net change in Electoral College seats for Florida?

ANSWER: \_gained 2\_

16. Answer the following questions on the War of the Three Henrys FTSNOP.

5;5) First, five points for two or ten points for all three, identify the three Henrys, *involved*

ANSWER: \_Henry III\_ of France, \_Henry IV\_ of France or \_Henry of Navarre\_ or  
\_Henry the Great\_ or \_Henry III of Navarre\_, Duke \_Henry of Guise\_

10) Henry IV of France married this sister of Charles IX of France.

ANSWER: \_Margaret of Valois\_

10) This association formed in 1576 to defend the Roman Catholics against the French Protestants and win the throne for the Guises. Subsidized by Philip II of Spain, it was defeated by the future Henry IV of France at Arques and Ivry.

ANSWER: \_Holy League\_

17. Identify the following Japanese authors from works, FTPE.

10) Often compared to Kafka, his works include the play Friends, and the ~~novels~~ Secret Rendezvous and Woman in the Dunes.

ANSWER: Kobo or Kimifusa \_Abe\_

10) One of Japan's finest short-story writers, his works include "Rashomon" and "In a Grove." He committed suicide in 1927 at the age of 35, and a prize in Japanese literature is named for him.

ANSWER: Ryunosuke \_Akutagawa\_

10) A prolific writer whose popularity extended through the reigns of three emperors, his works include a modern version of The Tale of Genji, Diary of a Mad Old Man, Some Prefer Nettles, and The Makioka Sisters.

ANSWER: Junichiro \_Tanizaki\_

18. Identify the following linguists FTPE.

10) This Swiss linguist was a founder of modern linguistics, and established the structural study of language, emphasizing the arbitrary relationship of the linguistic sign to that which it signifies.

ANSWER: Ferdinand de \_Saussure\_

10) This German folklorist was a founder of comparative philology. His interest in the relationship among Germanic languages led him to formulate his eponymous law. He is best known, however, for his work on German folk tales, which he collected with his brother Wilhelm.

ANSWER: Jakob \_Grimm\_


10) Born in Pomerania, among his books are Wishram Texts, Time Perspective in Aboriginal American Culture, and Nootka Texts. With his student Benjamin Lee Whorf he developed a famous hypothesis, arguing that the limits of language restrict the scope of possible thought and that every language recognizes peculiar sets of distinctions.

ANSWER: Edward \_Sapir\_

19. There are five named series of spectral lines for transitions between the energy levels of atomic hydrogen, distinguished by the level the electron transitions to. FFPE and a bonus five for all in correct order from shortest to longest wavelength, name them. You have 10 seconds.

ANSWER: \_Lyman\_, \_Balmer\_, \_Paschen\_, \_Brackett\_, \_Pfund\_

20. It's time for a question on the ass-kickingest barbarians of all time, the Mongols. FTPE, identify these descendants of Genghis Khan.

10) This son of Genghis Khan was given command of territories corresponding to present-day Turkistan and Afghanistan as a satrapy under the rule of his brother  Ogadai.

ANSWER: \_Jagatai\_ or \_Chagatai\_ or \_Djagatai\_ Khan

10) A grandson of Genghis Khan, in the course of a campaign to quell a revolt in Persia, he sacked Baghdad, captured Aleppo and Damascus, and virtually exterminated the Assassins. After being defeated by the Mamluks at Ayn Jalut, he withdrew to Azerbaijan, adopted Islam, and founded the Il-khan dynasty.

ANSWER: \_Hulagu\_ Khan



10) This grandson of Genghis Khan captured Moscow and Kiev by 1240, and in the next two years conquered Hungary and Poland and invaded Germany. His domain was the Kipchak khanate, which in Russia came to be called the Golden Horde.

ANSWER: Batu Khan

21. Identify the following Roman poets FTSNOP.

5) He wrote "Ave atque vale" in tribute to his dead brother, and the small-scale epic "The Marriage of Peleus and Thetis." He was infatuated with a woman he called Lesbia.

ANSWER: Gaius Valerius Catullus

5) He fell out of favor with Augustus in 8 AD and was exiled to Tomis on the northern shores of the Black Sea. While there he composed the Tristia and the Letters from the Black Sea. He is most famous for his works The Art of Love and the Metamorphoses.

ANSWER: Ovid or Publius Ovidius Naso

10) He fought at Philippi, where he cast aside his shield in his haste to flee capture. He was commissioned by Augustus to compose the Carmen Saeculare in 17 BC. He wrote the Ars Poetica, and in his second book of odes he exclaimed "Carpe diem!"

ANSWER: Horace or Quintius Horatius Flaccus

10) His life parallels that of his contemporary and fellow elegist, Tibullus. Not long after his mother's death, he met Cynthia, the love of his life and the focus of nineteen of his elegies.

ANSWER: Sextus Propertius

22. Answer the following questions on the geography of Antarctica F15PE.

15) The largest known lake of liquid water in Antarctica, it lies 2.5 miles beneath a Russian research station of the same name in East Antarctica.

ANSWER: Lake Vostok

15) At 16,860 feet high, this peak in the Ellsworth Mountains is the highest in Antarctica.

ANSWER: Vinson Massif

23. Identify the following things in recent world news FTPE.

10) On August 14, ethnic Albanian guerillas in this country agreed to turn their weapons over to NATO.

ANSWER: Macedonia

10) This 75-year-old Prime Minister of Malaysia is Asia's longest-serving leader.

ANSWER: Mahathir Mohamad (accept either part)

10) On August 10, a London judge granted an injunction forcing the World Wrestling Federation to stop using the initials WWF outside the United States, ruling in favor of this environmentalist group.

ANSWER: World Wildlife Fund (original name) or World Wide Fund for Nature (current name)

24. FTPE, identify the following classic books of "science biography".

10) This 1954 book by Paul de Kruif tells of such luminaries as Leeuwenhoek, Pasteur, Koch, and Paul Ehrlich.

ANSWER: Microbe Hunters

10) The subtitle of this book is "the lives and achievements of the great chemists." The title sounds like an Arthur Miller play.

ANSWER: Crucibles

10) The subtitle of this Arthur Koestler work is "a history of man's changing vision of the Universe."

ANSWER: The Sleepwalkers

25. 5-10-15, identify the following baseball players recently mentioned on espn.com

5) The season home run record-holder, in August he dropped to the No. 6 spot for the first time in seven years.

ANSWER: Mark McGwire

10) In the last matchup of the regular season between the Yankees and Mariners he hit a grand slam and a ~~three~~-run homer, tying a franchise record with eight RBI.

ANSWER: ~~Mike~~ Cameron

15) The shortest player ever to play in the major leagues, this 3-foot-7 midget was number 1/8 for the Cleveland Browns. On August 19, 1951, he replaced Frank Saucier at bat.

ANSWER: Eddie Gaedel