

MAD CITY MASTERS 2002

Round 2

Packet by Nathan Freeburg

Tossups

1.) While at the University of Chicago, Allan Bloom wrote his dissertation on the political thought of this man. 6 of his legal briefs are extant as are 15 discourses such as "Against Callimachus." A student of Socrates, he broke with Plato and became wealthy by starting his own school which asserted that scientific knowledge and philosophical inquiry are inferior to the use of rhetoric in acquiring virtue. Famously starving himself to death after the battle of Chaeronea, FTP, name this Athenian teacher and rhetorician who wrote the *Panegyricus*.

ANSWER: **Isocrates**

2.) This man's love life was depicted fictionally in the novel *Nothing Like the Sun*, by Anthony Burgess. His first publications, *The Passionate Pilgrim* and *A Lover's Complaint*, were issued without his consent. He apparently wrote three pages for a collaborative play, *Sir Thomas More*, but a *Don Quixote* based collaboration, *Cardenio*, is completely lost. FTP, name this author who also collaborated with John Fletcher on the *Two Noble Kinsmen*.

ANSWER: William **Shakespeare**

3.) An incident preceding this battle centered around the identification of the village of Hawab. The rebels were funded by the treasure which had been brought to Makka and both sides attempted to win the hearts and minds of the people of Basra. Ultimately, Zubayr's desertion brought about the death of Talha and the defeat of Aisha, even though she was the prophet Muhammed's widow. FTP, name this December, 656 victory securing Ali's caliphate and apparently named for Al-Askar, an animal valued at 200 gold pieces.

ANSWER: Battle of the **Camel** or **Jamal** [accept the "Battle of Basra" before that city is mentioned]

4.) At first glance QCD indicates that there should be one more of them than actually exists, however, the red-blue-green combination is neutral and therefore would be non-interacting, so that type doesn't occur. They are represented on a Feynman diagram by a constantly looping line and whenever a quark emits one of these, the quark's color must change in order to preserve color charge. Due to their sizeable mass, the traveling range is about a fermi for the 8 types of this particle. FTP, name these particle which are a sort of adhesive for quarks.

ANSWER: **Gluons**

5.) According to his website, his favorite band is Queen and his two favorite foods are fried chicken and duck with rice. Always wearing the jersey number 10, he has won his home

country's Footballer of the Year trophy five times and is considered its best player since Eusebio. Until he reached age 11, he played for the street team Os Pastilhas. Beginning his career with FC Barcelona in 1995, in 2000 he was traded to Real Madrid (RAY-AHL). FTP, name this 2000 European Footballer of the year and 2001 FIFA World Player, a striker from Lisbon.

ANSWER: Luis Filipe Madeira Caeiro **Figo**

6.) Curiously, the literary drug culture has never really gotten off on his essay, *On Hashish*. He first achieved academic stardom with a 1923 essay on Goethe's *The Elective Affinities* and most biographers believe that the single most influential event in his life was the suicide of his best friend, a poet named Heinle. He never finished what was intended to be his magnum opus, the *Arcades*, because the Nazis got to him first. FTP, name this philosophical and aesthetic critic best known for *The Work of Art in the Age of Mechanical Reproduction*.

ANSWER: Walter **Benjamin**

7.) Born in Kaisersaschern, his first study of musical composition was under the tutelage of Wendell Kretschmar. His compositions were influenced by his theological studies at Halle and outpourings of grief over the death of the child Nepomuck or Echo can be seen in his later work. He first achieved fame with a song cycle based on Brentano's poetry, but it is the chilling *Apocalypse and Lamentation*, written after the death of Rudi Schwerdtfeger, which are best remembered. Best known for his opera based on *Love's Labour's Lost* and the account of his ravings by Serenus Zeitblom, FTP, name this fictional subject of Thomas Mann's *Doktor Faustus*.

ANSWER: **Adrian Leverkühn** [accept either name, also accept "Doktor Faustus" before that's mentioned]

8.) This legal term of art is often measured via the "peppercorn theory of value." Requirements include that it must be more than nominal and it is the presence of this that turns a promise or gift into a contract. It is the fourth requirement along with offer, acceptance and performance to create a legally binding contract. FTP, name this term which basically refers to the payment one receives in a contract.

ANSWER: **Consideration**

9.) The last movement of this symphony includes a small fugue which appears to reflect its composer's recent acquaintance with Bach's music. Among its most noted aspects is its use of themes from contemporary comic operas such as a famous use of the melody "Un bacio di mano" which had been previously utilized in Anfossi's *The Fortunate Jealousies*. Also known for its bombastic nature, FTP, name this 41st and last symphony of Mozart which was named for a Roman deity not a planet.

ANSWER: **Jupiter** Symphony [accept "Mozart's 41st" before that's mentioned]

10.) The titles "Natha" or "Swami" are often used after their individual names. Today, Akram Vignani claims to be one but he is considered to be a heretic by his religion's orthodoxy. The names of the early ones are primarily found in the Kalpa-Sutra. Their name means "ford-crosser" and there were 24 in all, of which the first was Rishabha and the last, Mahavira. FTP, name these Jainist figures who have achieved a stage beyond moksha.

ANSWER: **Tirthankaras** [accept "ford-crosser" before that's mentioned]

11.) In this movie, a recurring plot point involves some Japanese literature while the main plot itself is set in motion by the little girl, Louise Vargo. The titular character communicates via pigeon and his best friend is a Haitian ice cream vendor who doesn't speak any English. FTP, name this really cool movie about a hitman written and directed by Jim Jarmusch and starring Forrest Whitaker.

ANSWER: **Ghost Dog: The Way of the Samurai**

12.) When this phenomenon emerges through the photosphere, strong solar flares result. It is used as a quantity of convenience when describing transformers and solenoids. In Faraday's Law, the negative of its rate of change times the number of turns in a coil gives the induced emf (EE-EM-EF) in the coil. FTP, name this physical phenomena which is the product of the average magnetic field times the perpendicular area that it penetrates and which is measured in webers.

ANSWER: **Magnetic Flux**

13.) Some of the research for this book was performed by Syms Covington. The last chapter, entitled "Recapitulation and Conclusion" closes with a sentence referring to the "grandeur in this view of life." A preface by the author was added to the later editions which discusses Aristotle, Saint-Hilaire, Spencer, von Baer, Buffon, the author's grandfather, and Larmarck. Other chapters discuss the "Mutual Affinities of Organic Beings," "Hybridism," and the "Imperfection of the Geological Record." FTP, name this monograph on natural selection by Charles Darwin.

ANSWER: **On the Origin of Species**

14.) Its name is short for a phrase meaning "the correct sounds for the instruction of the people." The "Hall of Worthies" originally gave it an alphabet of 28 letters, of which 24 are still in use today. Each syllable is divided into three parts: the initial consonant, the peak vowel—which represents one of the three primal elements, and the final consonant which is a repetition of the initial consonant. Considered remarkably easy to learn, it was developed under the auspices of Prince Sejong. FTP, name this form of writing which replaced Chinese in Korea.

ANSWER: **Hangul** or **Hunmin Chong-um** or **Great Letters** [prompt on "Korean"]

15.) Perhaps the most amusing character is the pompous writer Karmazinov, though the dullard Stepan Trofimovitch can be humorous as well. Modern editions of this novel usually include an originally expurgated chapter set at Bishop Tihon's which contains the main character's

confession that he once raped a little girl. Narrated by Govorov, subplots include the ravings of Liputin, Kirillov's suicide and the murder of Shatov by Pyotr Stepanovitch. FTP, name this Dostoyevsky novel which features the nihilist Stavrogin.

ANSWER: The **Possessed** or The **Devils** or The **Demons** or **Besy**

16.) The actual largest producer of this food is the Harris Ranch in California. It always comes from the Wagyu breed which are traditionally fed a mixed diet of grain and beer. Other contributions to the taste are provided by massaging the livestock and rubbing sake into their skins. FTP, name this intensely marbled beef from Japan.

ANSWER: **Kobe** Beef [accept **Mishima** Beef]

17.) It is in this man's most noted work that we find the first account of Archimedes and the bathtub. His three guiding principles were *firmitas*, *utilitas* and *venustas* which could be roughly translated as "strength," "efficiency" and "joy in beauty." He designed siege engines for Octavian but it is for his influence on Renaissance men such as da Vinci and Palladio that he is best known. FTP, name Roman author of *Ten Books on Architecture*.

ANSWER: Marcus **Vitruvius** Pollio

18.) It was directly precipitated by the revocation of the Edict of St. Beaulieu and this conflict ended after the defeat of the duc de Mayenne at the battles of Arques and Ivry. Armies at Poitou and Bourdeaux which were jointly under the command of Joyeuse attempted to pin their opponents against the Bay of Biscay. However, the royalist forces were defeated at the battle of Coutras and soon after Henri de Guise and Henry III were assassinated. FTP, name this last of the French Wars of Religion which resulted in its other eponymous protagonist converting to Catholicism.

ANSWER: The War of the **Three Henrys** [prompt on an early buzz of "Wars of Religion" or "Huguenot Wars" or equivalents]

19) Amusing incidents in this novel include the complete robbery of a house while two characters are getting busy in the bedroom and the profanations of Uncle Leo XII. The interventions of Aunt Hildebranda Sanchez fail but everything works out after one character falls from a ladder and dies while trying to rescue his parrot from a tree. Beginning with the suicide of the chess-playing Jeremiah de Saint-Amour and the subsequent death of Dr. Juvenal Urbino, FTP, name this novel about the 50 year love between Fermina Daza and Florentine Ariza by Gabriel Garcia Marquez.

ANSWER: **Love in the Time of Cholera** or **El Amor en Los Tiempos del Cólera**

20.) This drug was originally developed as a treatment for sleeping sickness after Atoxyl proved to have too many side effects. Its efficacy was actually first noted by Sahachiro Hata who had tested over 900 different compounds on mice. The 606th such compound to be tested, it is also

known as "Arsphenamine." Proving to be the "magic bullet" sought by Paul Ehrlich, FTP, name this organic arsenic product developed as a cure for syphilis.

ANSWER: **Salvarsan** or **Dihydroxydiaminoarsenobenzenedihydrochloride** [accept "Compound 606" or "Arsphenamine" before they are mentioned]

21.) Currently, it is composed of three direct links and a facsimile capability was added in 1986. The original backup ran through Tangier with the main route being through London, Copenhagen, Stockholm and Helsinki. The two main carriers are the Molniya II network and the Intelsat network while the wire telegraph circuit has been retained as a backup. Although a separate line to Beijing was added in 1998, the original was constructed in 1963. FTP, name this Washington-Moscow emergency communications line.

ANSWER: The **Hotline** or **Direct Communications Link**

22.) One of his best loved poems begins, "I have always loved this lonesome hill." Besides short poems such as "Infinitude," he wrote somewhat longer contemplative works such as, "Night Thoughts of a Shepherd in Central Asia." His constant depression caused this poet to refer to himself as a "walking tomb" and his *Operetta Morali* or *Moral Tales* proved to be a critical and commercial success. However, it is for his fatalistic *Canti* such as "To Silvia", about the death of a peasant girl, that he is best known. FTP, name this Romantic, generally considered to have been Italy's second most prominent poet after Dante.

ANSWER: Giacomo **Leopardi** (at least the Italians rank him ahead of Petrarch)

23.) This denomination's publications include *The Worldwide News* and *Northern Light*. Initiated in the 1930's on a radio program known as "The World Tomorrow," it experienced rapid growth until 1975 when Jesus failed to return as several of its leaders had predicted. In the early 1990's under the leadership of Joseph Tkach Sr. the denomination rejected many of its more unusual doctrines and by 1997 it had joined the National Association of Evangelicals. FTP, name this religious group founded by Herbert Armstrong and which at its peak had millions of readers of its magazine, *The Plain Truth*.

ANSWER: The **Worldwide Church of God** [neither accept partial answers nor prompt on them; accept "Armstrongism" before he's mentioned]

24.) This process requires approximately 8 moles of ATP for every mole of its final product. The enzyme involved consists of two proteins --an iron protein and a molybdenum-iron protein. Electrons are produced by a reduced ferredoxin while in some cyanobacteria the process occurs in heterocysts containing only photosystem I. Occurring most often in rhizobium bacteria, FTP, name this biological process which converts nitrogen into ammonia.

ANSWER: **Nitrogen Fixation**

25.) The conception behind this geographical division was first formed while on an expedition to the island of Lombok where its originator noted the presence of low-growth plants associated

with low rainfall. This contrasted with the fauna on nearby Bali. First set forth in its discoverer's book, *The Malay Archipelago*, today islands such as Sulawesi are believed to be an exception to this division. Lying north of Hawaii and south of the Philippines, FTP, name this artificial line between the plants and animals of Asia and Australasia and named for its discoverer.

ANSWER: **Wallace's Line** or **The Wallace Line**

2012 Mod City
Round 2

BONUSES

1.) Identify the following about a poet, 10 points each.

A. His lines, "Then wear the gold hat, if that move her;/ If you can bounce high, bounce for her too, /Till she cry "Lover, gold-hatted, high-bouncing lover,/ I must have you!" are quoted at the beginning of *The Great Gatsby*.

ANSWER: Thomas Parke **D'Invilliers**

B. Thomas Parke D'Invilliers was, of course, a fictional poet who was a character in another one of Fitzgerald's works. Name that novel, Fitzgerald's earliest success.

ANSWER: **This Side of Paradise**

C. *This Side of Paradise* was the partially autobiographical Bildungsroman of this midwestern kid, who ends up at Princeton, works in advertising and who should have hooked up with the precocious Ellen.

ANSWER: **Amory Blaine** [accept either name]

2.) Get ready sports fans, name the "leagues," FTSNOP:

5: Formed in 478 B.C.E., this league was a Greek union against the Persians. The revolt of Thasos turned it into an Athenian hegemony.

ANSWER: **Delian League**

10: This 1531 C.E. Lutheran alliance was led by Philip of Hesse and John Frederick I of Saxony against Charles V. It was defeated at the battle of Muhlberg.

ANSWER: **Schmalkaldic League**

15: This league was originally formed by a tribe of pirates against the Celts in 279 B.C.E. They eventually added other cities and took on the Achaean League.

ANSWER: **Aetolian League**

3.) Identify the couture designers FTSNOP.

5: Formerly an editorial assistant at Vogue and then a handbag designer for Ralph Lauren, she became noted for her eponymous gowns and wedding dresses. She recently released an accessory and fragrance collection which should only add to her household name status.

ANSWER: Vera **Wang**

5: The lead designer at Gucci for over 10 years, he recently became the first designer to produce 2 major collections simultaneously as he became the lead designer at Yves Saint Laurent as well last year.

ANSWER: Tom **Ford**

10: The designer Tom Ford replaced at YSL, this young Frenchman is now the lead designer at Christian Dior where his slim-fitting men's suits have become a sensation.

ANSWER: Hedi **Slimane** [pronounced "Eddy Sli-mon"]

10: Probably the most noted new American designer to pop on the scene in the last couple years is this former Ralph Lauren designer who achieved back to back CFDA awards in menswear in 2000 and 2001. He is noted for his extensive use of earth tones and his "U.S.A." line of jeans.

ANSWER: John **Varvatos** [pronounced "Varvatosh"]

4.) Identify the literary works that have Jesus as a main character. For 10 points off a description or for 5 off the name of the author.

10: Jesus comes down from the cross and marries a priestess of Ishtar in this short novel.

5: David Herbert Lawrence

ANSWER: The **Man Who Died**

10: Jesus is known as Ha-Nozri and takes on Pontius Pilate and Pilate's dog in this novel.

5: Mikhail Bulgakov

ANSWER: The **Master and Margarita** or **Master i Margarita**

10: In this novel, Jesus loses his virginity to Mary Magdalene and the Devil is known as "Pastor." It includes a dialogue between Jesus, God and the Devil on a boat.

5: Jose Saramago

ANSWER: The **Gospel According to Jesus Christ** or **O Evangelho Segundo Jesus Cristo**

5.) In 1997, a thirty year old singer went for a swim in the Mississippi outside Memphis. He drowned, leaving behind only one completed album. For 10 points each,

A. Name this singer/songwriter with a near operatic range who closed every concert with a cover of Leonard Cohen's "Hallelujah."

ANSWER: Jeff **Buckley**

B. Name the one full album that Jeff Buckley released before his death, an album which contained such tracks as "So Real," "Mojo Pin," "Eternal Life," and a cover of Benjamin Britten's "Corpus Christi Carol."

ANSWER: **Grace**

C. After Buckley's death, his mother helped put together a 2 disc set of the songs Jeff was working on when he died. Name that posthumously released album which included the superb "Jewelbox."

ANSWER: **Sketches for My Sweetheart the Drunk**

6.) Identify the amino acids, 10 points each.

A. Technically, this is really an imino acid because it has only a secondary, not primary, amino group. It is used in the synthesis of collagen.

ANSWER: **Proline or Hydroxyproline**

B. The second simplest amino acid, but used the most in proteins.

ANSWER: **Alanine**

C. This acid is the most critical to the urea cycle and it's not citrulline.

ANSWER: **Ornithine**

7.) Identify the famous altarpieces for 15 points off a description or 5 points off the name of the artist.

15: It was completed for the family of Dante's beloved Beatrice.

5: Van der Goes

ANSWER: **Portinari Altarpiece**

15: It was created for the Community of St. Anthony in Alsace.

5: Matthias Grunewald

ANSWER: **Isenheim Altarpiece**

8.) Identify the football position given a player who has played a majority of his NFL snaps at that position. 10 points for a correct answer off a more obscure player, 5 off a more well-known athlete.

10: Eric Kelly

5: Corey Chavous

ANSWER: **Cornerback** [prompt on “Defensive Back”, accept “Nickel”]

10: T.J. Rubley
5: Bernie Kosar

ANSWER: **Quarterback**

10: Joe Maese
5: Trey Junkin

ANSWER: **Longsnapper**

9.) Identify the Kraut artists, 10 points each.

A. This Die Brücke dropout is known for the demonic masks in his *The Legend of St. Maria Aegyptiaca* series as well as a nine-part polyptych entitled *The Life of Christ*.

ANSWER: Emil **Nolde** or **Hansen**

B. He was inspired by a viewing of Albrecht Durer’s work to take up woodcuts and was also known for his two versions of *Street, Berlin*. The poor sap took his own life after the Nazis declared his work degenerate.

ANSWER: Erns Ludwig **Kirchner**

C. This expressionist like Kirchner and Schmidt-Rotluff made a variety of wood engravings. He is probably best known for his World War I based works, especially 1915’s *Two Wounded Soldiers*.

ANSWER: Erich **Heckel**

10.) Name the Nietzsche works, 10 points each.

A. Written 2 years before *Also Sprach Zarathustra*, it contains the first explication of “the will to power.” More sober in tone than most of his other works, it also initiates the “slave morality” criticism.

ANSWER: **Daybreak**: Reflections on Moral Prejudices or **Morgenröte**: Gedanken über die moralischen Vorurteile

B. It opens with the phrase “Incipit Parodia” and includes a “Prelude in Rhymes” and an “Appendix of Songs.”

ANSWER: **The Gay Science** or **Die fröhliche Wissenschaft**

C. This is a series of four essays including analyses of David Strauss, Richard Wagner and Schopenhauer.

ANSWER: **Unfashionable Observations** or **Untimely Meditations** or **Unzeitgemässe Betrachtungen**

11.) Answer the following about a relatively recent academic scandal, 15 points each.

A. In 1996 a postmodern journal published an article entitled, "Transgressing the Boundaries: Towards a Transformative Hermeneutics of Quantum Gravity" written by a physics professor at NYU. The article, though properly cited, was actually a hoax with the author intentionally taking absurd positions in order to ridicule the journal. Name that physics professor.

ANSWER: Alan **Sokal**

B. Name the pomo journal Sokal's article was published in as part of a symposium on the sociology of science.

ANSWER: **Social Text**

12.) Identify the ancient peoples, 10 points each.

A. These mad horsemen of the Ukraine fought the Parthians and buried lots of gold artifacts including the earliest known chessmen. Of Persian descent, they came out of the northern Zagros mountains around 700 B.C.E.

ANSWER: **Scythians**

B. This Sumerian people's empire achieved its greatest extent under the rule of Sargon I. They apparently originated cuneiform.

ANSWER: **Akkadians**

C. Also known as the "Old Babylonians," they established Babylon as a civic center around 1900 B.C.E. They were a Semitic people who crushed the remnants of the Sumerian states. Hammurabi was a member of this tribe.

ANSWER: **Amorites**

13.) Identify the Roman poets, 10 points each.

A. A nephew of Seneca, this poet was ordered to commit suicide by Nero for his part in Piso's Conspiracy. His only extant poem is the *Bellum Civile*, also known as the *Pharsalia*, an account of the conflict between Pompey and Julius Caesar.

ANSWER: **Lucan** or Marcus Annaeus **Lucanus**

B. Generally considered to be the founder of Latin literature, his *Annales* was the national epic until the *Aeneid* replaced it in prominence.

ANSWER: Quintus **Ennius**

C. The only Roman female poet to have any of her work survive to the present, 6 of her erotic poems are extant and they were once all attributed to Tibullus.

ANSWER: **Sulpicia**

14.) Feeling like some heavy metal? Answer the following about rocks for 10 points each.

A. This calcium carbonate mineral differs from calcite in that it has a higher specific gravity and lacks rhombohedral cleavage.

ANSWER: **Aragonite**

B. This extremely hard rock occurs in limestone in irregularly shaped masses. It is composed of silica and is insoluble in acidic water.

ANSWER: **Chert** or **Arkansas Flint**

C. This commonly used mineral is composed of hydrous calcium sulfate.

ANSWER: **Gypsum**

15.) Identify the Chinese authors, FTSNOP.

5: His trek through some nature preserves provided the inspiration for his novel, *Soul Mountain*. Oh, and he won a Nobel.

ANSWER: **Gao Xingjian**

10: The first Chinese writer known to have written in a vernacular style, both *The Romance of the Three Kingdoms* and *The Water Margin* are attributed to him.

ANSWER: **Lo Kuan-chung**

15: Considered the first major 20th century Chinese author, his first work was *A Madman's Diary*. His most well-known novel was *The True Story of Ah Q*.

ANSWER: **Lu Xun** or **Zhou Shuren**

16.) Identify the naval battles from the Napoleonic Wars, 10 points each. No, you will not get a question on Trafalgar.

A. Also known as the Battle of the Nile, it ended Napoleon's Egyptian campaign as Nelson destroyed 11 out of the 13 French ships of the line present.

ANSWER: Battle of **Aboukir Bay**

B. Probably a more vital battle than Trafalgar, Nelson's refusal to obey Hyde Parker's order to withdraw resulted in the defeat of the League of Armed Neutrality at this Scandinavian capital.

ANSWER: Battle of **Copenhagen**

C. This battle, which began on May 29, 1794, was a victory for Lord Howe over Villaret-Joyeuse although the body of the French fleet escaped.

ANSWER: The Glorious **First of June**

17.) Identify the following concerning abstract algebra, 10 points each.

A. An integral domain A is known as this kind of domain if each proper ideal of A can be written as a product of a finite number of prime ideals of A .

ANSWER: **Dedekind Domain**

B. This is a set with two binary operations, denoted by addition and multiplication, which has an additive identity element and a multiplicative identity element.

ANSWER: **Ring**

C. If an integer is less than one and it is not prime, then it is known as this.

ANSWER: **Composite**

18.) Identify the 20th century Russian poets, 10 points each.

A. Probably the most significant Russian writer to not show up in QB, her collections included *Evening Album* and *The Magic Lantern*, the *Mileposts* series, and *The Maiden-Tsar*. She was shunned by western intellectuals throughout the 1930's due to her anti-Stalinism.

ANSWER: Marina **Tsvetaeva**

B. This symbolist is best known for the long poem, *The Twelve*, which features some Red Guardsmen who are also identified with the Apostles.

ANSWER: Aleksandr **Blok**

C. His *The Heirs of Stalin*, written after visiting Albania, begs us to not let the dictator rise from the dead. He's also known for *Babi Yar*.

ANSWER: Yevgeny Yevtushenko

19.) Identify the musical form, 30-20-10.

30: The earliest printed form can be found in the Graduale Romanum Antwerpiae of 1712. A recently released version is Victor Alcantara's jazz interpretation of Pergolesi's version.

20: Banned at the council of Trent, it is used in official Catholic liturgy today in a version by Dom Fonteignes. It is traditionally sung on the Friday after Palm Sunday. The two major forms are the "Dolorosa" and "Speciosa."

10: It is the major musical piece dealing with Mary besides the Magnificat or the Ave Maria.

ANSWER: **Stabat Mater**

20.) Name the Aztec deities, 10 points each.

A. The god of lightning who guides the dead to Mictlan, he was known as the "Shapeshifter," the "Evening Star" and the "Lord of the West." He is Quetzalcoatl's twin.

ANSWER: **Xolotl (SHOLOTL)**

B. She was the goddess of hearth fires and volcanoes.

ANSWER: **Chantico**

C. Known as the "Smoking Mirror," he was the "Lord of the North" and a war god.

ANSWER: **Tezcatlipoca**

21.) Feeling depressed? Answer the following about the "Time of Troubles" FTSNOP.

5: The Time of Troubles was launched after the death of this Russian Tsar in 1584, and I'm not looking for Boris Gudunov.

ANSWER: **Ivan IV or Ivan the Terrible**

10: Boris' brief reign was afflicted by a revolt centered around a monk who claimed to be Ivan IV's dead son. What term was given to the royal pretender?

ANSWER: **False Dmitry**

15: This aristocrat overthrew the first False Dmitry and became Tsar himself. When a second False Dmitry sponsored by the Romanovs appeared, he unsuccessfully appealed to the Swedes for help.

ANSWER: **Vasily Shuysky [accept either name]**

22.) Identify the Native American tribes, 10 points each.

A. Often fighting the Pottawatomie, Ottawa and Iroquois, this tribe is still the largest in Canada and in 1800 they occupied more territory by far than any other tribe in North America. Today, they primarily live in Ontario, Minnesota, Wisconsin and Michigan.

ANSWER: **Ojibwe** or **Chippewa** or **Anishinabe**

B. This once warlike Plains Indian tribe now lives in Montana and Alberta. They are actually composed of three tribes: the Siksika, the Bloods or Kainai and the Peigan or Pekuni. They fought the Shoshone and Nez Perce and their collective name appears to have come from their footgear.

ANSWER: **Blackfoot** or **Blackfeet**

C. When led by Black Kettle, this tribe was infamously massacred by Colonel Chivington at Sand Creek. They are divided into Northern and Southern branches and once hung out with the Sioux.

ANSWER: **Cheyenne**

23.) Answer the following concerning a physical quantity, 15 points each.

A. Simply put, this is the stress of a material divided by its strain.

ANSWER: **Young's Modulus**

B. If one wishes to measure a Young's Modulus or virtually any other physical quantity precisely, this small scale is used in conjunction with whichever main scale one is using. It allows one to make measurements to a small fraction of the smallest division on the main scale.

ANSWER: **Vernier Scale**

24.) Answer the following about three books the editor has an exam on on Monday FTSNOP:

5: Subtitled *The Modern Prometheus*, this novel is told through a series of letters from Walton to Mrs. Saville.

ANSWER: **Frankenstein**

10: This autobiography was written under the pen name Currer Bell. The Reed sisters can be seen as parallels to Cinderella's evil stepsisters and there are elements of the Bluebeard fairy tale as well.

ANSWER: **Jane Eyre**

15: The editor doesn't know much about this book because it keeps putting her to sleep. Inspired by an actual attempt to blow up the Greenwich Observatory, characters include the Professor, who is searching for "a perfect detonator" and Michaelis, the ticket-of-leave apostle.

ANSWER: **The Secret Agent**

25.) Identify the Russian rivers, FTSNOP.

10: It flows from the Irtysh to the Kara Sea.

ANSWER: **Ob**

15: It flows from Usa to the Barents Sea.

ANSWER: **Pechora**

5: It pretty much demarcates the Russo-Chinese border.

ANSWER: **Amur**