The Omar Bongo Academic Tournament
University of Pittsburgh: March 23, 2002

Questions by Mike Baker, Heather Brown, Mike Davies, Beth Davis, Amie Dupin, Jonathan Misurda, Rich Nalichowski, Josh Sokoloski, Jennifer Sydeski, and Matt Weiner

PACKET F TOSSUPS

1. Two answers required. One of them chronicled the pair's first success in *Act One* and went on to write "Lady in the Dark" and "Light Up the Sky" on his own. The other was a Pittsburgh-born member of the Algonquin Round Table who had earlier worked with the Gershwins on "Of Thee I Sing" and Cole Porter on "Silk Stockings." FTP, name these co-authors of "Once in a Lifetime," "The Man Who Came to Dinner," and "You Can't Take It With You."
ANSWER: George Simon **Kaufman** and Moss **Hart**

2. Five years after the release of *Monty Python's Life of Brian*, this group broke into the Communist Combatant Party and the Union of Combatant Communists. In 2002, its modern version made its first appearance in three years by murdering Marco Biagi. It kidnapped the American Brigadier General James Dozier in 1981 and murdered Leamon Hunt, the leader of the Sinai Multinational Force, in 1984. FTP, name this Italian left-wing terrorist organization responsible for the 1978 murder of ex-prime minister Aldo Moro.
ANSWER: **Red Brigade**s [or ***Brigate Rosse***]

3. Restrictions which the Supreme Court upheld in this case included a ban on public employees performing abortions, a ban on the use of public buildings for abortions, and a viability test prior to the procedure after the twentieth week of pregnancy. It opened the door to a reversal of Roe v. Wade before the latter case was affirmed in *Planned Parenthood v. Casey*. FTP, name this 1989 decision arising from a Missouri lawsuit.
ANSWER: ***Webster*** v. Reproductive Health Services

4. Divided into two parts, one of gods and one of heroes, its thirty-four chapters include "Sayings of Alvís," "Lay of Thrym," "Sayings of Skirnir," and "Prophecy of the Vala." Discovered in 1643 by Brynjólf Sveinsson, it was once though to be the work of Saemund Sigfússon, but it is now thought to predate that author. FTP, name this collection of Scandinavian myths that complements a later work by Snorri Sturluson.
ANSWER: The **Poetic Edda** [or The **Elder Edda**; acccept the **Edda of Saemund** before Saemund is mentioned; prompt on **Edda**]

5. Her works include *Woman Hating* and *Scapegoat: The Jews, Israel and Women's Liberation*. Since her 1981 article "Bait and Switch," she's had a longstanding feud with the American Civil Liberties Union, as she believes that conservatives and pornographers have no free speech rights and objects to the ACLU's defense of such. FTP, name this feminist who argued in 1987's *Intercourse* that there is no such thing as consensual sex.
ANSWER: Andrea **Dworkin**

6. First discovered in 1943, they have tiny cores which fluctuate in luminosity. They are spiral galaxies without radio lobes, but they radiate strongly in the infrared and also have strong radio, x-ray, and gamma ray emissions. The brighest one is M77, which is ninth

magnitude. FTP, name this type of active-core galaxy believed to be powered by a super massive black hole at its center.
ANSWER: **Seyfert** galaxies

7. Glenn Graham plays sax for Blue Diamonds. Roger Stevens formed Extra Virgin. Unified Theory contains the only two members of this band still working together regularly, bassist Brad Smith and guitarist Christopher Thorn. Named for a Mississippi term for a hippie, their last two releases were *Nico* and *Soup*, the latter the source of the single "Galaxie," and the former released a year after the death of lead singer Shannon Hoon. FTP, name this band which introduced the "bumblebee girl" in "No Rain."
ANSWER: **Blind Melon**

8. A three-year siege in this war culminated in the military leaders sealing themselves in the temple of Eshmoun and burning down the structure. It began after the terms of the previous truce were broken against the Numidians. The Senate demanded destruction of the offending city and relocation of all citizens to at least ten miles inland. FTP, name this 149 to 146 BCE war, after which Scipio Aemilianus cursed the ruins of Carthage.
ANSWER: **Third Punic War** [prompt on **Punic** Wars]

9. Almost all admissible ones are monotonic, meaning that they obey the triangle inequality. Algorithms that take advantage of them include A* Though not always guaranteeing the correct answer, they help reduce the complexity of an algorithm by providing extra information. FTP, name the term given to these functions, studied in artificial intelligence, an example of which is the straight line distance in solving the traveling salesman problem.
ANSWER: **heuristic**s

10. The orange and green sky hangs over a small burning ship in the background. A child is crawling on the woman in the green dress on the lower right. In the front are three pyramidal arrangements of bodies and an expressionless man with a mustache and turban rearing his horse to trample others. FTP, name this painting depicting an 1822 event, by Euguene Delacroix.
ANSWER: ***Massacre at Chios***

11. Dubbed the best city in the nation for "entrepreneurial friendliness" by the *Small Business Survival Guide*, it includes the McKennan Park and All Saints Historic Districts. The Husby Performing Arts Center and the Wells Fargo CineDome Theater are part of the Washington Pavilion of Arts and Science. Its chief attraction is probably the Empire East, billed as "the largest shopping complex between Minneapolis and Denver." FTP, name this city, the largest by population in South Dakota.
ANSWER: **Sioux Falls**

12. After she stole a pot of rouge from Hera to give to Europa, she accidentally came in contact with an unclean childbirth and had to clean herself in Acheron. The Cumean Sibyl sacrificed four black bulls to her upon each journey to Hades, where she ventured yet again with Demeter in an attempt to rescue Persephone. Her servant companions are two "ghost hounds," and her three heads are a dog, a snake, and a horse. FTP, name this Greek goddess of crossroads.
ANSWER: **Hecate**

13. The population must be large. There can be no migration. Mating must be random. No mutations can occur, and all genotypes must have equal reproductive success. FTP, name this type of equilibrium in which genotype and allele frequencies remain constant.
ANSWER: **Hardy-Weinberg** equilibrium

14. A welder in a naval shipyard during World War II, he earned a law degree from American University by taking night classes while he held another job in Washington. Currently the chair of the Appropriations Committee, he has led recent efforts to compel Tom Ridge to report to Congress. FTP, name this man who has won more Senatorial elections than anyone else, a Democract from West Virginia who is the current president pro tempore.
ANSWER: Robert C. **Byrd**

15. After offending Antiochus, he appoints Helicanus regent and flees to Tarsus to avoid the assassin Thaliard. He is then shipwrecked at Pentapolis, where he wins a tournament sponsored by Simonides. He marries Thaisa and fathers Marina, then thinks both have died but meets them again in Mytilene. FTP, name this title character of a Shakespeare play, a prince of Tyre.
ANSWER: **Pericles**

16. His first collection, *Water and Land*, contained a three-line poem which begins "Everyone stands alone on the heart of the earth." He founded the "hermeneutic" movement, a group of anti-fascist poets who cloaked their ideas in order to keep publishing during World War II, when his most popular volume, *And Suddenly It's Evening*, came out. After the war, he produced the bitter *Day After Day* and *The Incomparable Earth*. FTP, name this Italian who won the 1959 Nobel Prize in Literature.
ANSWER: Salvatore **Quasimodo**

17. He annihilated the order of Hiei, which had challenged rulers in the past, and he achieved his successes by allying with Jesuits and adopting firearms and ironclad ships. The daimyo of Nagoya Castle in the province of Owari, he overthrew Yoshiaki, ending the Ashikaga shogunate. His assassination left Japan in the hands of Toyotomi Hideyoshi and Tokugawa Ieyasu. FTP, name this warlord who ended the Warring States period by his 1582 death.
ANSWER: Oda **Nobunaga**

18. It is defined as 10 times the logarithm of the intensity over I naught, where I naught is 10^{-12} watts per meter squared, the threshold for an acoustic wave of a frequency of one kilohertz. FTP, name this unit, used to measure sound level.
ANSWER: **decibel**

19. It was eventually overhauled as a result of a study by the Meriam Commission. Its sponsor, a Senator from Massachusetts, said that civilized people must "live in houses, ride in Studebaker wagons, send children to school, drink whiskey and own property." It divided the territories in question into 160-acre units and forbade resale for twenty-five years. FTP, name this 1887 law which assigned plots of land in Native American territories to single families rather than tribes in order to encourage assimilation.
ANSWER: **Dawes** Severalty Act [accept General **Allotment** Act]

20. He claimed that propositions have an independent existence in "The Nature of Judgment." Other papers include "Proof of an External World," "The Refutation of

Idealism," and "A Defense of Common Sense." The first chapter of his magnum opus contained an influential meta-ethical analysis of whether "the good" should be the basis of morality. FTP, name this author of *Principia Ethica.*
ANSWER: George Edward **Moore**

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PACKET F BONI

1. Name these Indian authors from before 500 CE for 10 points each.
•He wrote the epics *Dynasty of Raghu* and *Birth of the War God*, but he is more noted as the author of verse dramas such as "Urvasi Won by Valor," "Malavi and Agnimitra," and "Sakuntala."
ANSWER: **Kalidasa**
•Legend holds that he was a murderer discovered by Naradamuni, who taught him the ways of the sage. Later, his hut sheltered Sita during the birth of Rama's sons, and he wrote the *Ramayana*.
ANSWER: Maharshi **Valmiki**
•Sanskrit for "scholar," this name denotes the author of the *Panchatantra*.
ANSWER: **Bidpai**

2. Name these kinds of tissue for 10 points each.
•This type of tissue is striated and branched, and the ends of its cells are joined by intercalated discs.
ANSWER: **cardiac muscle** [prompt on partial answer]
•This tissue can be cubodial, columnar, or squamous, in addition to being simple, stratified, cornified or non-cornified.
ANSWER: **epithelial** tissue
•In this tissue, chrondocytes found in lacunae secrete chondrin. Collagenous fibers run through it.
ANSWER: **cartilage**

3. Answer the following about a poet and his works for 10 points per part.
•Called the "poet of the American Revolution," he founded and edited the *National Gazette* and wrote such poems as *A Political Litany* and "The Indian Burying Ground."
ANSWER: Philip Morin **Freneau**
•This Freneau poem describes his capture for blockade-running in the West Indies.
ANSWER: The ***British Prison-Ship***, *a Poem in Four Cantoes*
•In this poem, Freneau concludes: "The space between, is but an hour,/The frail duration of a flower."
ANSWER: "The **Wild Honey Suckle**"

4. Name these generic-sounding but real art terms for 10 points each.
•Depictic scenes from daily life, this style of painting reached its height in seventeenth-century Holland.
ANSWER: **genre** painting
•This term was used by eighteenth-century British critics to refer to any rural scene in which the depicted peasants appear more like a person in a studio than a person in the countryside.
ANSWER: **fancy pictures**
•William Morris led this movement which promoted handmade objects in the face of increasing industrialization.

ANSWER: **Arts and Crafts** Movement

5. Name these possibly related literary works for 10 points each.
•Anna Wulf is writing a novel called *Free Women*. She eventually trades first sentences with a male novelist, then joins the Labour Party, in this work by Doris Lessing.
ANSWER: *The **Golden Notebook***
•This second-century CE work follows Lucius, who is turned into several animals by a priest of the White Goddess and eventually returned to human form by Isis.
ANSWER: *The **Golden Ass*** [or ***Metamorphoses***]
•Noted for its explicit sex scenes, its plot sees the fortunes of Hsi-men Ch'ing's marital life parallel those of the Sung dynasty.
ANSWER: *The **Golden Lotus*** [or *The **Plum in the Golden Vase***; or ***Chin P'ing Mei***]

6. Name these songs with complete sentences for titles for 10 points each.
•This Simple Minds song from the *Breakfast Club* soundtrack urges the addressee to "tell me your troubles and doubts" while the "rain keeps falling down."
ANSWER: "**Don't You Forget About Me**"
•"You've got to learn to live until no end/But first you must learn to swim/all over again/Because..." of this title from Live's *Mental Jewelry* album.
ANSWER: "**Pain Lies on the Riverside**"
•Atom and his Package notes that "there's no jazz in Utah and few lakes in L.A." but expects you to "go wah wah wah because you're so PC" in this song about offensive sports team names.
ANSWER: "**If You Own the Washington Redskins, You're A Cock**"

7. Name these general reaction forms for 10 points each.
•These reactions take place by way of concerted backside displacement and feature stereocenter inversion.
ANSWER: S_N2 or **bimolecular nucleophilic substitution**
•Carboxylic acids and their derivatives undergo these reactions which feature a tetrahedral intermediate.
ANSWER: **addition-elimination** reactions
•This type of pericyclic process is best exemplified by the Diels-Alder reaction.
ANSWER: **cycloaddition**

8. Answer the following about an organization for 10 points per part.
•With authority in all provinces except Québec and Ontario, this Canadian law enforcement body was organized in 1874.
ANSWER: **R**oyal **C**anadian **M**ounted **P**olice [accept **Mounties**]
•This is the common moniker for June 21, 1919, when the Mounties violently dispersed a general strike in Winnipeg.
ANSWER: **Bloody Saturday**
•The Northwest Mounted Police, as the group was known at the time, went into action at the start of the "March West" from this Manitoba city.
ANSWER: **Dufferin**

9. For 10 points each, give the following terms for people in Indian religions.
•Those who renounce the world and seek *moksha* in Hinduism
ANSWER: **nivritti**
•A "sky-clad" Jain who wears no clothing
ANSWER: **digambara**

•A Buddhist who has "entered the stream" and taken the first step towards sainthood
ANSWER: **sotapanna**

10. Name these people from Brazilian history for 10 points each.
•Installed as president by a 1930 military coup, he led the New State movement. Deposed in 1945, he returned in 1951, ruling until his 1954 suicide.
ANSWER: Getúlio Dornelles **Vargas**
•In 1500, this explorer discovered Brazil and claimed it as the Tierra de Vera Cruz colony of Portugal.
ANSWER: Pedro Álvares **Cabral**
•President since 1995, he won election on the popularity of the *Plan Real*, which overhauled the Brazilian currency during his term as Finance Minister. In office, he has privatized industry but seized large estates.
ANSWER: Fernando Henrique **Cardoso**

11. Given a set of compounds, give any number within their range of characteristic pKa, or within 1 of that range, for 10 points each.
•Phenols, within 1.
ANSWER: **10** [accept anything from 9 to 11]
•Non-phenol alcohols, within 1
ANSWER: **16 to 18** [accept anything from 15 to 19]
•Amines
ANSWER: **40** [accept anything between 39 and 41]

12. Name these people involved in an 1855 speech for 15 points each.
•Charles Sumner attacked "the dependence of the crime against Kansas upon the slave power" while claiming that this South Carolina senator "touches nothing which he does not disfigure with error, sometimes of principle, sometimes of fact."
ANSWER: Andrew **Butler**
•In the week following Sumner's speech, this nephew of Butler and Representative from South Carolina beat Sumner with a cane.
ANSWER: Preston Smith **Brooks**

13. Answer the following about a British king for 10 points per part.
•He was king of Britain during Charles Edward Stuart's Jacobite rebellion and the War of the Austrian Succession.
ANSWER: **George II** [accept **George Augustus**; prompt on **George**]
•In 1743, George became the last British monarch to lead troops into battle when he defeated a French force at this southern German site.
ANSWER: **Dettingen**
•Under this 1756 treaty with George, Frederick II of Prussia agreed to preserve Hanover's neutrality in return for an annual subsidy for Prussia's war against France.
ANSWER: Treaty of **Westminster** [accept **Westminster** Convention]

14. Name these education theorists for 10 points each.
•He created a namesake "taxonomy" which ranks, from the bottom up, knowledge, application, analysis, synthesis, and evaluation.
ANSWER: Benjamin **Bloom**
•He theorized that the "zone of proximal development" can be encouraged by incorporating literature throughout the elementary curriculum.
ANSWER: Lev Semyonovich **Vygotsky**

•This originator of "reciprocal determinism" conducted a series of "bobo doll" studies on children's tendency to imitate.
ANSWER: Albert **Bandura**

15. Name these Belgian authors for 10 points each.
•His travelogues include *Ecuador* and *A Barbarian in Asia*, while his leading work is a collection of fifteen stories about Monsieur Plume. Other works include *The Major Ordeals of the Mind and the Countless Minor Ones* as well as *Life Within the Folds*.
ANSWER: Henri **Michaux**
•His works include *Pelleas and Melisande*, *The Blue Bird*, *The Treasure of the Humble*, and *The Life of the White Ant*.
ANSWER: Count Maurice Polydore-Marie-Bernard **Maeterlinck**
•The first Flemish novelist, his works include *In the Year of Miracles*, and a chronicle of the Battle of Kortrijk, *The Lion of Flanders*.
ANSWER: Hendrik **Conscience**

16. Answer the following about a composer and his works for 10 points per part.
•This member of the Russian Five began work on the opera *Prince Igor*.
ANSWER: Alexander Porfiryevich **Borodin**
•This Borodin work for the 1880 silver jubilee of Alexander II depicts the approach and departure of a caravan destined for the title location.
ANSWER: *In the Steppes of **Central Asia*** [or *V **sredney Azii***]
•This Borodin symphony in B minor, his most respected, shares passages with *Prince Igor* and was revised after its first performance in order to tone down the out-of-place military-band style portions.
ANSWER: **Second** Symphony

17. Name these entities involved in the March 2002 elections in Zimbabwe for 10 points each.
•This current president used violence and fraud to rig the elections in his favor.
ANSWER: Robert **Mugabe**
•This man, who finished second with thirty-five percent of ballots in the meaningless official count, was charged with hiring a team of Canadian assassins to kill Mugabe.
ANSWER: Morgan **Tsvangirai**
•Mugabe's Zimbabwe Patriot Front was opposed by this group, formed in 1999 by Tsvangirai and Gibson Sibanda.
ANSWER: **M**ovement for **D**emocratic **C**hange

18. Answer these questions about a three-dimensional object for 10 points each.
•Four points are sufficient to define it. Its equation can be written as rho = r.
ANSWER: **sphere**
•This is the equation for the surface area of a sphere in terms of the radius and pi.
ANSWER: $4 \pi r^2$
•The term sphere refers to the bubble that is the surface area. The interior of the sphere is known by this four letter word, which has a similar non-technical use.
ANSWER: **ball**

19. Given a country, name its national anthem for 10 points each.
•Israel
ANSWER: "**Hatikvah**"
•Denmark

ANSWER: "__King Christian Stood by the Lofty Mast__"
•France
ANSWER: "La __Marseille__"

20. Answer the following about the Consumer Price Index for the stated points per part.
•Show that you're in touch with something extremely important by telling whether the CPI rose, fell, or did not change over the course of February 2002, for 5 points.
ANSWER: __rose__
•For 15 points, this the percentage increase which the CPI underwent in February.
ANSWER: __0.2__ percent
•While reliable in the short run, the uncorrected CPI paints a misleading picture of long-term inflation because in the past two decades, the price of this basic class of good has gone up considerably, while all others have gone down, for 10 points.
ANSWER: __housing__ [accept equivalents]