

3rd Annual Washington University Gateway Invitational Tournament Tossups – Round 1

Packet by Vanderbilt University and University of Missouri - Columbia

1. Born in 1824 in Königsberg (KÖN igs burg), he established that the Fraunhofer (FRON-hofer) lines in the solar spectrum are indications of the chemical composition of the solar atmosphere. He calculated the velocity of propagation of electrical disturbances along a wire before his death in 1887. For ten points, name this coworker of Robert Bunsen who lends his name to two laws of electric circuitry.

Gustav KIRCHOFF

2. Bordering eight others, this state is home to just over five million people. Unlike the other state which fits those two facts, it left the Union during the Civil War, the last state to do so. For ten points, name this first Confederate state to be readmitted to the Union.

TENNESSEE

3. The most traveled of all professional sports teams, this team began play in the BAA in 1948 when it and two other teams from the NBL were absorbed. It originated in Rochester, New York as the Royals, moved west to Cincinnati in 1957, moved again in 1972, dropped one city from its dual designation in 1975, and moved west once again in 1985. For ten points, name this team which threatened to move again this year, but decided to stay at Arco Arena after receiving a loan from the city.

SACRAMENTO Kings

4. Born in 1898, he wrote his first play, "*Drums in the Night*," while studying medicine and philosophy at Munich. He is better known, however, for his later plays including "*Galileo*," "*Mother Courage and Her Children*," and "*The Caucasian Chalk Circle*." For ten points, name this German playwright best known for "*The Threepenny Opera*."

Bertolt BRECHT

5. It's the smallest National Park at 5,839 acres, but has remained one of the systems most visited parks since becoming authorized in 1921. For ten points, name this set of 41 pools, the only national park in the state of Arkansas.

HOT SPRINGS National Park

6. It began in Austria in the 1920s with a group of philosophers known as the Vienna Circle. Concerned with an analysis of thought and meaning, this philosophy maintains that nothing could be considered meaningful unless it could be empirically verified. For ten points, name this school of philosophy, which included proponents such as A.J. Ayer and the Oxford Philosophers.

LOGICAL POSITIVISM

7. The standard one, established by an international treaty in 1875, is a platinum-iridium cylinder stored near Paris that has mysteriously been getting lighter in recent years. Each nation that signed the 1875 treaty got a national prototype; the United States got #20, which is kept under glass at the National Bureau of Standards. For ten points, what is this unit of mass?

KILOGRAM

8. His critics say that he deserves neither of his two Super Bowl rings, since he passed for less than 200 yards in his first appearance and did not play in his second one. For ten points, name this former BYU quarterback who has played for no less than nine different NFL teams, most notably the two NFC Central teams that have each defeated the New England Patriots in Super Bowls.

Jim McMAHON

9. The U.S. Senate elections of 1996, unlike those of 1994, witnessed a Republican incumbent lose his seat. In one of the closest votes in his state's history, the incumbent lost by less than one percent to Tim Johnson. For ten points, name this former GOP Senator from South Dakota.

Larry PRESSLER

10. He made his directing debut in 1991 with "*The Indian Runner*," but at that time he was probably still better known for punching out photographers. More recently he has drawn critical praise for his 1995 film "*The Crossing Guard*" and earned an Oscar nomination last year for his lead role in "*Dead Man Walking*." For ten points, name this former love interest of Madonna.

Sean PENN

11. Even by the start of the twentieth century, much of the scientific community had yet to accept the atomic-molecular theory of matter, much to the dismay of this Austrian physicist. With experimental evidence still lacking, his ideas on the topic of the kinetic theory of gases were so harshly ridiculed by his peers that it may have motivated him to commit suicide in 1906. For ten points, name this father of statistical mechanics.

Ludwig BOLZMANN

12. This nation is 95% Lutheran and has an economy based principally on fishing and aluminum mining. Although not high in population, it has one of the highest life expectancies in the world as well as a 99% literacy rate. For ten points, name this island nation located on Lyoredlia (lee-or-ED-lee-uh) Island whose capital was the site for a historic summit.

ICELAND

13. Originally written as a piano suite, this enormously popular musical work was made famous in orchestrated form in 1874. It was inspired by the artistic works of Victor Hartmann after his death in 1873. For ten points, name this musical piece later adapted by Ravel.

PICTURES AT AN EXHIBITION

14. The Persians believed that this symbol represented prosperity, while American Indian tribes used it as a sign of peace. It is considered to be "conducive to well-being" in Sanskrit. The Aryans of India thought it represented the sun's motion across the sky, but, For ten points, by what modern name is this crooked cross known?

SWASTIKA

15. Among this writer's more recent artistic endeavors was a musical collaboration with Nirvana's Kurt Cobain on a 1992 album entitled "*The Priest They Called Him*." He has now outlived Cobain. Pretty ironic, considering his many reckless adventures in the 40's and 50's that included affiliation with New York's gangster underworld, heroin addiction, and the accidental shooting of his own wife. For ten points, name this Beat generation author of "*Junkie*" and "*The Naked Lunch*."

William S. BURROUGHS

16. On his second voyage to India, he destroyed the Malabar Muslim fleet, and established Portugese trade supremacy there. For his efforts he was appointed Viceroy of India, but died soon after appointment. For ten points, name this navigator, whose sea route around the Cape of Good Hope made all these exploits possible.

Vasco DE GAMA

17. This material, the first commercial synthetic plastic, was developed by J.W. Hyatt, and is strong, water-resistant, and inflammable. For ten points, name this material used in billiard balls, dental plates, and in old photographic films.

CELLULOID

18. The 12-bar form is perhaps the most common, with its AAB structure, and a chord progression which is the harmonic basis of much jazz and popular music. 16-bar and 32-bar varieties are also popular, however. For ten points, name this genre of music, perhaps the most original and dynamic form of African-American music.

BLUES

19. Her first book of poetry was somewhat timid and self-consciously aware of craftsmanship. Other works, all published posthumously, include, "*Winter Trees*," "*Crossing the Water*," and "*Ariel*." For ten points, name this author who, under the pseudonym Victoria Lucas, had her most famous novel, "*The Bell Jar*," published.

Sylvia PLATH

20. Derived from a game known as "Episkuros" (uh PIS koo ros) in ancient Greece and "Hapastum" (huh PAS tum) in ancient Rome, this sport was introduced to America in 1840. Originally played with as many as 25 men on a side, it quickly moved to the forefront of American sports. For ten points, name this popular sport whose professional championship game routinely garners the highest TV ratings of the year.

FOOTBALL

21. "*Bad Girls*," "*Poison Ivy*," "*Gun Shy*," and "*Mad Love*" are a few of the movies in past years this actress has starred in. For ten points, name this actress who hails from one of the most famous families in theatre and movies and who was first made popular portraying E.T.'s friend Gertie.

Drew BARRYMORE

22. Courts in at least five countries are now hearing cases on an interesting extradition situation. The problem is that these countries have extradition treaties with Great Britain but not with China. This will cause problems when, for ten points, what possession is returned to China in July 1997?

HONG KONG

23. He was a master of Latin erotic poetry, as demonstrated by his works "*Amores*" and "*Art of Love*." Although he was popular in his lifetime, he was exiled in 8 A.D. and wrote "*Sorrows*" and "*Letters from Pontus*" as pleas for his return. For ten points, name this Latin poet.

OVID

24. At the Vatican II Conference, the Roman Catholic Church concluded that this sacrament could be administered by priests as well as by bishops. It consists of the laying of hands and anointing of the forehead with a mixture of oil and balm. For ten points, identify this sacrament which is an official sanctioning of an individual's acceptance into the church.

CONFIRMATION

25. This American satirist spent a few years in London in the 1870's where he published "*Cobwebs from an Empty Skull*" under the pen name Dod Grile. For ten points, name this man who disappeared in Mexico in 1913, just five years after publishing his most famous work, "*The Cynic's Wordbook*" better known by its revised title, "*The Devil's Dictionary*."

Ambrose BIERCE

26. The name's the same. It is the channel which runs along the southern edge of Tierra del Fuego, a breed of hound used to hunt rabbits, and a ship, commanded by Admiral Henry Fitzroy, which circumnavigated the world in the early 1830s. For ten points, give the common name.

BEAGLE

27. He was born in Virginia in 1790, the namesake of his father, who was governor of that state from 1808 to 1811. He became governor himself in 1825, and later served in the U.S. Senate. Later elected Vice-President, he earned the nickname "His Accidency" after taking over for William Henry Harrison in 1841. For ten points, name this eleventh president.

John TYLER

28. In any rotating coordinate system, a term must be added to the differential operator for the time derivative, namely the cross-product of the angular velocity and the differentiated quantity. On the surface of the Earth, this extra term introduces a pseudo-force acting at right angles to rotation. For ten points, name this effect which is responsible for water spiraling down a drain.

CORIOLIS Effect

29. He called together the Council of Nicea, out of which came the Nicean creed, to resolve theological disputes over the person of Jesus Christ. He converted to Christianity after the Battle of Milvian Bridge during which he saw a vision of the cross which said "by this sign shall you conquer." For ten points, name this emperor whose Edict of Milan made possible the tolerance of Christianity in the empire.

CONSTANTINE I

30. This group of languages found in the Near East and North Africa, was the first to have its own alphabetical system, and some of its still-existent member languages include Maltese, Arabic, and Hebrew. For ten points, name this language family.

SEMITIC languages

3rd Annual Washington University Gateway Invitational Tournament Boni – Round 1

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1. (25) The Thirty Years' War is customarily divided into four major periods. For five points each and a 5 point bonus for getting them all in chronological order, name these four periods.

BOHEMIAN
DANISH
SWEDISH
FRENCH

2. (30) Two presidents have lived to the ripe old age of 90 before heading to the big Presidential Library in the sky. Given the year they died, name that president for 15 points each.

1) 1826

JOHN ADAMS

2) 1964

Herbert HOOVER

3. (30) Identify each of the following architects given structures For ten points each.

1. TWA Terminal, New York City

Eero SAARINEN

2. Oak Park Unity Temple

Frank Lloyd WRIGHT

3. East Wing of the National Gallery

I.M. PEI

4. (20) This region of France was named after its local dialect, the language in which the troubadours wrote. Its name comes from its word for "yes" which is derived from the Latin for "this."

1. First for ten points, what is the name of this southern region of France?

LANGUEDOC

2. Now for ten points spell Languedoc

L-A-N-G-U-E-D-O-C

5. (20) For ten points each, identify each of the following dealing with the Sudan Crisis of the 1880s.

1. Name the Moslem religious leader whose forces massacred General Gordon's army at Khartoum.

The MAHDI

2. Name the English commander who drove the Mahdi out of Khartoum ten years after Gordon's defeat.

Lord KITCHENER

6. (20) For ten points each, identify the following concerning Greek mythology.

1. The sister of Paris, who was a slave of Agamemnon and raped by Ajax.

CASSANDRA

2. The daughter of Demeter who fought with Aphrodite for the love of Adonis.

PERSEPHONE

7. (20) Despite being the primary creative force behind all three of the Star Wars films, George Lucas sat in the director's chair only for the first installment of the trilogy. For 10 points apiece, identify the two no-names who handled directing duties for "The Empire Strikes Back" and "Return of the Jedi".

Irvin KERSHNER

Richard MARQUAND

8. (20) Only two Vice-Presidents have served under two different Presidents. For ten points each identify these two men.

George CLINTON
John C. CALHOUN

9. (30) For ten points each, identify the authors of the following works having a common theme.

1. "*Confessions of Felix Krull: Confidence Man*"

Thomas MANN

2. "*The Confessions of Nat Turner*"

William STYRON

3. The 1770 autobiography "*Confessions*"

Jean-Jacques ROUSSEAU

10. (30) For ten points each, name the three countries that border Lake Victoria in Africa.

TANZANIA
KENYA
UGANDA

11. (30) Answer the following concerning Lenin's Bolshevik regime in Russia For ten points each.

1. One of Lenin's first reforms was the institution of what calendar into general use?

GREGORIAN calendar

2. Lenin organized a secret police force known as what?

CHEKA

3. Finally, what treaty did Lenin negotiate with Germany in March, 1918?

BREST-LITOVSK

12. (20) Legend has it that he drew a line in the sand and asked his men to step across it if they desired to stay and fight, though they were hopelessly outnumbered by Santa Annas troops. Whether or not it is true, it is known that this commander of the Alamo was inspiring enough that all of his men fought and died in defense of the famous fort. For twenty points, name him.

William B. TRAVIS

13. (30) For ten points each, identify the following Biblical authors.

1. One of the sons of Zebedee, he is credited with writing five books of the New Testament.

JOHN

2. He thought he was not worthy to speak, so he had his tongue purged with a live coal by an angel.

JEREMIAH

3. He, along with Caleb, described the great abundance of the land of Canaan to Moses.

JOSHUA

14. (20) This revolutionary war battle lasted for 45 minutes, and in it George Washington surprised a force of 1,500 Hessians by crossing the Delaware river at night to forestall a British attack on Philadelphia. For twenty points, name this crucial battle fought on Dec. 26, 1776.

Battle of TRENTON

15. (30) Name the social scientist from clues, 30-20-10.

30: He took an active part in the campaign to exonerate Alfred Dreyfus in the late 1890s, much to the disgust of his contemporaries.

20: Earlier, he had become well-respected for publishing several treatises, including "*The Division of Labor in Society*."

10: He coined the term "anomie," meaning a lack of personal integration to one's culture, to explain many suicides.

Emile DURKHEIM

16. (30) Identify the year from clues on a 30-20-10 basis.

30: Helen Hunt Jackson published "*A Century of Dishonor*" about the mistreatment of American Indians.

20: Booker T. Washington founded the Tuskegee Institute in Atlanta.

10: President James Garfield was assassinated in a train station in Washington, D.C.

1881

17. (20) NMR Spectroscopy is used in organic chemistry to identify the connectivity of atoms in a molecule. There are two major types of NMR spectroscopy which utilize two different atoms in identifying molecular structure. For ten points each, name these two major types of NMR.

HYDROGEN and CARBON-13

ACCEPT: PROTON and CARBON

18. (30) Name the city, 30-20-10

30: Founded in 1845, this city was nearly named Boston by its Massachusetts founders. It eventually became the seat of Multnomah county and the largest city in its state.

20: This city hosted the 1905 Lewis and Clark Centennial Exposition. The explorers had camped here one hundred years earlier.

10: Located on the Willamette River, this city's only pro sports team plays in the Rose Garden.

PORTLAND, OREGON

19. (30) Identify each of the following geographic items from literature For ten points each.

1. The Rhode Island city whose Old Stone Mill inspired Longfellow's "*Skeleton in Arms*."

NEWPORT

2. The city in New York that was the setting for "*The Leatherstocking Tales*."

COOPERSTOWN

3. The area in Charleston that was the inspiration for Heywood and Gershwin's "*Porgy and Bess*."

CATFISH ROW

20. (30) On February 20th, the NHL cut the list of expansion hopefuls from 11 to 6. Name the six cities that survived the cut for five points each.

ATLANTA, GA

COLUMBUS, OH

HOUSTON, TX

MINNEAPOLIS-SAINT PAUL, MN *PROMPT: ON NAME OF ONE CITY*

NASHVILLE, TN

OKLAHOMA CITY, OK

21. (30) For ten points each, identify the type of ecosystem from descriptions.

1. This type has a moisture index of -60 to -40, calculated from the water surplus and deficit as well as annual evaporation and transpiration.

DESERT

2. This type is the treeless region on high mountains characterized by bare ground and rock or by such vegetation as mosses, lichens, small herbs, and low shrubs.

TUNDRA

3. This type includes tropical and subtropical grassland characterized by scattered trees or shrubs and a pronounced dry season.

SAVANNAH

22. (25) Bill Clinton's cabinet has seen quite an impressive turnover rate since his inauguration in 1993. Of the fourteen cabinet officials originally approved in that year, only five will be serving in the same post for Clinton's second term. For 5 points apiece, name these five officials.

Bruce BABBITT
Richard RILEY
Janet RENO
Donna SHALALA
Jesse BROWN

23. (30) Given the computer-related acronym, give the words for which it stands for 10 points each.

1) ISDN

INTEGRATED SERVICES DIGITAL NETWORK

2) ASCII

AMERICAN STANDARD CODE FOR INFORMATION INTERCHANGE

3) SCSI (scuzzy)

SMALL COMPUTER SYSTEMS INTERFACE

24. (20) For 10 pts apiece, identify the poets who described the end of the world by these lines.

1. "Some say the world will end in fire/ Some say in ice."

Robert FROST

2. "Not with a bang but a whimper."

T.S. ELIOT

25. (20) Two authors have written works entitled "*The Human Comedy*." One was American who lived from 1908-1981, and the other was French and lived from 1799-1851. For ten points each, name these men.

William SAROYAN
Honore de BALZAC

26. (30) Name the composer, given works, 30-20-10

30: King Stephen, The Consecration of the House

20: Diabelli Variations, Grosse Fugue

10: "Hammerklavier" sonata, "Razumovsky" quartets

Ludwig Van. BEETHOVEN

27. (30) Identify these lovers from Greek and roman mythology, For ten points each.

1. This woman was married to Cupid, but was not allowed to see him, or know who he was.

PSYCHE

2. This woman was originally made of marble, before given life, when she became Pygmalion's lover.

GALATEA

3. Reebok caused a furor earlier this year when they named a shoe after this God, who would seduce women as they slept.

INCUBUS

28. (20) Given the mascot of an NFL team, identify the exact name of the stadium in which the team plays its home games.

1. Jaguars

JACKSONVILLE MUNICIPAL STADIUM

2. Raiders

OAKLAND-ALAMEDA COUNTY COLISEUM