

**3<sup>rd</sup> Annual Washington University  
Gateway Invitational Tournament  
Boni – Round 4**

Packet by UM - Rolla/UMKC

1. (30 points) Name the man on a 30-20-10 basis.

(30) He was born in Dunbar, Scotland in 1838.

(20) In 1867, he set out on a thousand-mile walk from Indiana to the Gulf of Mexico. This was later set in a book called "*A Thousand Mile Walk to the Gulf*".

(10) In 1892, he founded the Sierra Club.

John MUIR

2. (30 points) Name these comic book heroes for 10 points apiece.

1. This metal man rides his board around the galaxy doing good, but in his old days he worked for the villain Galactus.

SILVER SURFER

2. His real name is Wally West he is often seen wearing red with his trademark gold emblem.

The FLASH

3. With his adamantium skeleton this x-man has no problem "making his point".

WOLVERINE

3. (20 points) Answer these questions about the recent cloning experiments.

1. (5 pts) Give the name of the first sheep cloned from an adult mammary cell.

DOLLY

2. (15 pts.) Name the Scottish lab where she was cloned.

The ROSLIN INSTITUTE

4. (30 points) Given the works, name the author 30-20-10.

30: *Two Rivulets*

20: *Drum Taps*

10: *Leaves of Grass*

Walt WHITMAN

5. (30 points) For 15 points each, identify the type of Buddhism from the description.

1) Called the Way of the Elders, it centers around the brotherhood of monks, or sangha, it is distinguished through the relative ease for a layman to win merit to better his karma.

THERAVADA Buddhism or Hinayan

2) The ideal saint of this type would postpone his entry into Nirvana to help others to salvation. It is also called the Great Vehicle.

MAGAYANA Buddhism

6. (30 Points) Name the decade 30-20-10:

30: Balboa discovers the Pacific.

20: Machiavelli's *The Prince* and Thomas More's *Utopia* are published.

10: Martin Luther proclaims the Ninety-Five Theses.

The 1510s (Balboa-1513;Machiavelli-1513;More-1516;Luther-1517)

7. (20 points) Consider these types of self-love egotist, egoist, solipsist and narcissist. For 10 points each which one:

1) Wants to fill you in on all the details of his life, even if you have heard them all several times before.

EGOTIST

2) He maintains that no person has any proof that anything exists outside his own mind.

SOLIPSIST

8. (30 points) The Republicans maintained their control of Congress in the last election. For 10 points each give me names of the Senate Majority Leader, the House Majority Leader, and the House Budget Chairman:

Trent LOTT  
Dick ARMEY  
John KASICH

9. (25 points) The American Basketball League's inaugural season is nearing its end. Answer the following questions about the finals of this league.

1. For five points for each answer, give both the nickname and city of two teams meeting in the finals.

RICHMOND RAGE  
COLUMBUS QUEST

2. For five points, what is the maximum number of games these two teams will play to decide the series?

5

10. (30 points) Answer these questions about skeletal muscle tissue, for ten points a piece.

1. These are the thin filaments whose globular monomers polymerize into two chain units.

ACTIN

2. These thick filaments have two heavy chains and four light chains around the polar head groups.

MYOSIN

3. What ion binds to the troponin complex and allows myosin to bind actin?

CALCIUM

Accept: Ca<sup>2+</sup>

11. (20 points) Given a country, name its main representative to the Treaty of Versailles for 10 points apiece.

1. France  
Georges CLEMENCEAU
2. Italy  
Vittorio ORLANDO

12. (30 points) We all know that Gregor Mendel is known as the father of genetics. We also know he used pea plants in his studies. But, do you know exactly which seven traits of these plants he recorded? For 10 points each, name any three of the seven traits Mendel studied.

SEED SHAPE

SEED COLOR

SEED COAT COLOR

POD SHAPE

POD COLOR

FLOWER POSITION

STEM LENGTH

Accept: STEM HEIGHT

13. (30 points) Name this area of the world, 30-20-10

30: Its economy is based mostly on the spending from U.S. military bases here, about 700 million dollars in 1989; and from tourism.

20: Its people were given citizenship in the United States in August, 1950, however they do not vote in national elections.

10: Located in the Pacific Ocean, it is the largest of the Mariana Islands, its capital is Agana.

Territory of GUAM

14. (30 Points) Given the author, name his or her Pulitzer Prize winning work, for 15 pts. each.

1. Larry McMurtry

LONESOME DOVE

2. Upton Sinclair

DRAGON'S TEETH

15. (20) Let's see how much you know about Peter the Great. Answer each of the three questions below for 10 points each.

1. What family of Tsars was Peter related to and succeeded when he took power?

ROMANOV

2. What war did Peter wage against Sweden with Augustus of Poland?

GREAT NORTHERN WAR

16. (30 Points) Let's see if you can dredge up some of those childhood memories. Given the name of a children's story, tell me the author for 15 pts apiece.

1. *Peter Pan*

James Mathew BARRIE

2. *The Wonderful Wizard of Oz*

L. Frank BAUM

3. *The Lorax*

DR. SEUSS or  
Theodore Seuss GEISEL

17. (25 points) When cells are grown in a closed system, they go through four distinct phases of population growth and decay. For five points each, and five more for all correct, name all four stages of this growth.

LAG  
EXPONENTIAL  
STATIONARY  
DEATH

Accept: LOG

18. (30 points) Name the artist from works, 30-20-10.

30: *The Guitar*

20: *Les Demoiselles d'Avignon*

10: *Guernica*, ~~*Nude Descending a Staircase*~~

Pablo Picasso

19. (20 points) Latin phrases are everywhere, especially in court. For 10 points each, translate the following phrases from English to Latin.

1. The body of the crime

CORPUS DELECTI (KOR-pus-de-LIK-tee)

2. I don't want to fight

NOLO CONTENDERE (NOH-loh-kon-TEN-der-eh)

20. (30 points) With the NCAA basketball tournament in its second weekend, it's important to know the rules of basketball as played in the NCAA. For ten points each, give the dimension of the following according to NCAA rules.

1. Length of the court from baseline to baseline

94 FEET

2. Inside diameter of basket

18 INCHES

3. Circumference of ball (within two inches)

30 INCHES                      **Accept: 28-32 INCHES**

21. (30 points) Many famous kings of England were named Charles due to the great originality of many monarchs. For 15 points each I will give you a description of a monarch and his country and you supply the number.

1. This Austrian Charles spent most of his reign trying to gain acceptance of pragmatic sanction. This allowed his daughter Maria Theresa to gain power.

6th

2. This English Charles was restored to the throne in 1659 ending the English commonwealth.

2nd

22. (30 points) 30-20-10: Name this political figure

30: In 1978, she became the first woman elected to the U.S. Senate without first having been preceded in Congress by a husband. *NOT!*

20: She went on to become the first woman to chair the Senate Labor and Human Relations Committee.

10: This daughter of Alf Landon recently joined her fellow Kansan Bob Dole in retiring from the U.S. Senate.

Nancy KASSENBAUM

23. (30 points) In Sigmund Freud's personality theory, development is described in terms of stages defined by the specific expression of sexual urges. Name the 5 psychosexual stages of development for 5 points each. For 5 extra points, name them in order.

ORAL

ANAL

PHALLIC

LATENT

GENITAL

24. (20 points) When is a chicken not a chicken? Evan Balaban from San Diego has answered this question by implanting brain cells of another animal into chicken embryos to see what would happen. For ten points each, can you name the type of animal the brain cells were taken from and Balaban's place of employment?

QUAIL

NEUROSCIENCES INSTITUTE

25. (30 points) Given the works, name the author 30-20-10.

30: *The Autumn of the Patriarch*

20: *The General in His Labyrinth*

10: *One Hundred Years of Solitude*

Gabriel GARCIA MARQUEZ

26. (30 points) Let's find out if you have your dates straight. For 10 pts. each I will give you an event and you supply the year.