

**HEINRICH BOLL III**  
**TOSSUPS – Furman University**

1. Regarded by some as the greatest of the women novelists, this seventh child of a country parson passed her days almost entirely within the confines of her family circle. FTP, name this woman whose impeccable style and uncanny sense of human nature enabled her to write such masterpieces as *Persuasion*, *Northanger Abbey*, and *Emma*.

A. Jane Austen

2. In 1963, scientists Murray Gell-Mann and George Zweig, in order to account for the large variety of new elementary particles, called hadrons, that were being discovered, formulated a new hypothetical type of elementary particle. These new particles were said to be the components of hadrons and were supposedly bound together so tightly in string-like formations that it would take an infinite amount of energy to separate them. FTP, give the term that designates these "strangely charming" particles.

A. quarks

3. The illegitimate son of another famous writer, this French dramatist became a very popular literary figure during the Second Empire. Usually dealing in the social problems of the upper classes, his plays were characterized by realism and didacticism in later works. FTP, name this author of *Les Idees de Mme Aubray*, *La Question d'argent*, and *La Dame aux Camelias*.

A. Alexandre Dumas fils OR Dumas the Younger DO NOT accept "Dumas" or "Dumas pere"

4. Born in Virginia he moved to Missouri at an early age where he painted a series of scenes he described as "our social and political consequences." A very different interpreter of frontier life than George Catlin, he recorded the solemnity and grandeur of remote pioneering experience. FTP, name this artist of *Raftsmen Playing Cards* and *Jolly Flatboat Men*.

A. George Caleb Bingham

5. This French moralist was, at the insistence of his father, only spoken to in Latin until the age of six, and was awakened every morning by music throughout his childhood. He became counselor of the Parlement at Bordeaux, later becoming mayor there after a time of travels in search of a treatment for gallstones. FTP, name this man whose greatest literary accomplishment is his creation of the personal essay.

A. Michel de Montaigne

6. After falling in love with Hylas, a companion of Heracles, she pulled him into the spring which she inhabited, never to let him emerge. Because of this, Heracles raged over the island, uprooting trees and killing everything in his path. FTP, name this nymph on whose caprice the Argosy almost floundered.

A. Dryope

7. Led by Sunni Ali Kolon, these people understood the importance of controlling the trade centers of the Mali Empire. They captured Timbuktu and Jenne, a beautiful city located in the backwaters of a tributary of the Niger River that was also a trade and learning center. Both the cities of Gao and Takkedda contributed to the financial strength the Peoples Empire. FTP, name this empire that followed the Mali Empire in controlling the trans-Saharan trade routes.

A. Songhay Empire

8. This period of the Paleozoic Era of the geological time scale took place from approximately 310 million years ago until about 280 million years ago. It was marked by significant mountain building in North America and central Europe and by the presence of extensive seas over much of the interior of North America. FTP, name this period within which amphibians, clams, and lungfish were among the dominant animals, and much of the coal found in Pennsylvania originated from decaying ferns.

A. Carboniferous

9. This playwright, in most of his most popular and influential work, depicts the duel between the sexes. In the first three works of his realistic-naturalistic period, The Father, Comrades, and The Creditors, he depicts women as ruthless and aggressive, usurping the masculinity of the men in their lives, thereby destroying them. FTP, name this Swede who, due to his inability to get his plays produced and his dabblings in alchemy and the occult, suffered a nervous breakdown in 1896, which led to a change in his subsequent writings that brought about the expressionist movement.

A. August Strindberg

10. This nation is an archipelago of over 7000 islands. Its highest point is Mount Apo and it is also home to the Banaue (ba NOW eh) Rice Terraces and Lake Taal (TAH al) FTP, name this SE Asian country, the former home of Clark Air Base and Subic Bay Naval Station.

A. The Philippines

11. It was typically a soundproof chamber with a bar or key that an animal pressed or pecked to release a reward, often food or water. Attached to this apparatus, is a device which records the responses. This describes, FTP what kind of device used in operant conditioning experiments by its namesake.

A. Skinner Box

12. Born John Charles Carter in 1923, this actor starred in such films as Dark City, The Greatest Show on Earth, and The Awakening. One of his most unusual roles is in the 1972 film Soylent Green. FTP, name this man who won the Oscar for best actor in 1959 and starred in such films as Ben Hur and The Ten Commandments.

A. Charlton Heston

13. It occurs in the mitochondrial matrix and is a cyclic series of reactions in which the acetyl groups from pyruvic acid are broken down to carbon dioxide and

ATP and electron carriers are formed. FTP, name this stage of cellular respiration.

A. \_citric acid\_ or \_Krebs\_ cycle

14. Melibee; The Shipman; Sir Thopas; The Prioress; these are a few of the more obscure characters featured in a work of 14th century English literature. FTP, name this work featuring the more famous Merchant, Parson, and Wife of Bath, a collection of tales written by Geofferey Chaucer.

A. The \_Canterbury Tales\_

15. It was nearly 90 feet long, weighed 30 tons, and cost \$486,000. Completed in November, 1945, it could perform 5000 additions per second, 357 multiplications per second, and 38 divisions per second. FTP, name this supercomputer, used to calculate ballistic firing tables, which was built at the University of Pennsylvania.

A. \_ENIAC\_

16. It was founded in the seventh century B.C. in the Persian Empire. Its followers were asked to reject the God of Evil, Ahiriman, and obey the God of Good, Ahura Mazda. Followers, like today's Christians and Muslims, also believe in a final judgment. FTP, name this ancient religion named after its founder.

A. \_Zoroastrianism\_

17. The pKa of this chemical compound is around 15.0, and its chemical formula is  $C_5H_5$ . It is a key component, along with maleic anhydride, in the Diels-Alder synthesis of cis-Norbornene-5, 6-endo-dicarboxylic anhydride. FTP, name this compound possessing two conjugated double bonds and a pungent odor.

A. \_cyclopentadiene\_

18. Their origins date to the Fourteenth Century Ottoman Empire. This group of loyal slave-soldiers were at the core of the Ottoman Army. Drawn from the Children's Levy, this elite group of soldiers let their leaders know of their discontent by turning their cooking kettles over and banging on them with their swords. FTP, name this group, also known as the Yeri Cheri or New Army.

A. The \_Janissary Corps\_ or \_Janissaries\_

19. It was based on an actual case in 19th-century Edinburgh that was detailed in the essay "Closed Doors, or The Great Drumsheugh Case" in Bad Companions by William Routhead. The first of many fine plays by an American playwright and memorist, this work deals with the destructive effects of an accusation made by a little girl that two of her teachers are lesbians. FTP, name this work penned by Lillian Hellman.

A. The \_Children's Hour\_

20. Balto, Cocoon, Hocus Pocus, The Land Before Time II and III, Legends of the Fall, and Milk Money all have something in common besides just being random movies. FTP, name the composer who, besides writing the scores for these

movies, also wrote the scores for Braveheart and Titanic, his most successful to date.

A. James \_Horner\_

21. Louis XIV built his splendid royal palace at Versailles partly because he claimed to detest and fear Paris. This was because of a series of insurrections against Cardinal Mazarin that erupted in Paris during his childhood. FTP, name these revolts that began in 1648 before being crushed in 1653 by Louis de Conde.

A. The \_Fronde\_

22. When Ohio became a state in 1803, part of the proceeds of land sales went to this project. Work on this started in 1811, and by 1818 it was open from Maryland to the town of Wheeling on the Ohio River. Although construction stopped in 1819 as result of the panic, by 1818 it stretched to Vandalia, Ill. In 1822, James Monroe denied the authority of Congress to collect tolls on it for maintenance and repairs, FTP, what first major US highway?

A. \_National Road\_ OR \_Cumberland Road\_

23. He was born on April 11, 1916, the son of Catalanian and Italian immigrants. He started his Music studies at age 12, founded two music schools and received an honorary doctorate from Yale in 1968. His 55 works cover all music genres, including works for theater and movies. FTP, name this nationalist Argentine composer, whose most famous works are the "Estancia" Ballet and "Danzas Argentinas".

A. Alberto \_Ginastera\_

24. Men were marched out in lock step, and were never put face to face or allowed to talk. Discipline was severe. They were kept separate except for meals and group labor. Despite this, advocates believed it has a beneficial effect on the prisoners, and it made a profit from the goods they produced. FTP, name this model of the new ideas of rehabilitation of prisoners, commissioned by New York in 1816.

A. \_Auburn Penitentiary\_

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**BONI - Furman University**

1. FTP each give the speaker of the following quotes from 1830:

10: He gave the reply "Liberty and Union, now and forever, one and inseparable!"  
to a speech by South Carolina Senator Robert Y. Hayne.

Daniel \_Webster\_

10: He offered the toast "Our federal Union: it must be preserved."

Andrew \_Jackson\_

10: Taken by surprise, he responded, "The Union, next to our liberty, most  
dear."

John C. \_Calhoun\_

2. FTP each, name the American author given two works.

a. The Last of the Plainsmen, The Lone Star Ranger

Zane \_Grey\_

b. The Prairie Home Companion, Lake Wobegon Days

Garrison \_Keillor\_

c. Entropy, Vineland

Thomas \_Pynchon\_

3. Given a short description, identify the Freudian psychosexual stage FTP each.

A) The first stage, it lasts from birth to about 18 months.

A: \_oral\_ stage

B) It is stage number three, in which the Oedipus and Elektra Complexes often  
appeared.

A: \_phallic\_ stage

C) This stage occurs from about age six to puberty. Sexual feelings are  
repressed and children play more often with same-gender peers.

A: \_latency\_ (or any other form of the word) stage

4. FTP each, name the British novel from one of its  
characters. If you need the author, you will only receive five points.

a. (10) Marianne Dashwood

(5) Jane Austen

\_Sense and Sensibility\_

b. (10) Squire Allworthy

(5) Henry Fielding

The History of \_Tom Jones\_

c. (10) Mustafa Mond

(5) Aldous Huxley

Brave New World

5. On March 2, 1867, three basic laws of reconstruction were passed over Andrew Johnson's veto. Given a description, name the bills for the stated number of points.

A) For five points, this required the consent of the Senate for the president to remove any officeholder that had to be confirmed by Senate before taking office; Secretary of War Stanton's suspension directly violated this.

A. Tenure of Office Act

B) FTP, it would have given military commanders located in the south ultimate control over law enforcement and would have left open the terms of future restoration indefinitely.

A. Military Reconstruction Act

C) For fifteen points, it required that all of the orders from the commander-in-chief go through the headquarters of the general of the army, who could not be reassigned outside of Washington without the Senate's consent.

A. Command of the Army Act

6. For the stated number of points, name the term from ballet based on a description.

[5] These are normally the first exercise done in a ballet class. They are knee bends with the legs turned outward

A: plie (plee AY)

[10] French for "thrown", this term signifies a jump from one foot to another, throwing the working leg out.

A: jete (zha TAY)

[15] This is a pose in which one leg is stretched straight out to the back and one arm is stretched out to the front. The back leg may be on the floor or at 45, 90, or 135 degrees (measured from the vertical)

A: arabesque (air uh besk)

7. FTP each, name the Americans.

10: Authority over California in 1846 is proclaimed at Monterey with the landing of a naval expedition under this Commodore, whose forces also take San Francisco and occupy Sonoma.

Commodore John Sloat

10: He arrived with 120 dragoons after occupying Santa Fe and defeated the Mexican forces at San Pasqual in late 1846 to early 1847, thus capturing New Mexico and establishing a civil government there.

Steven Watts Kearny

10: Along with Kearney this Commodore proceeded to LA and captured it on January 10, 1847.

Commodore Robert F. Stockton

8. How much do you know about plant tissue? F15P each name the tissue based on a description F15P each.

A) This type of plant tissues many sided with irregularly thickened cell walls. They are alive at maturity but usually cannot divide. Name this supportive tissue often in the strings of celery.

A: collenchyma

B) This tissue consists of cells whose secondary cell walls are reinforced with lignin. Unlike, collenchyma, they die after differentiation. F15P, name this tissue responsible for the grit in pears.

A: sclerenchyma

9. For 10 points each, given a description, name the Greek god or goddess.

1. goddess of the flowers

A. Chloris

2. goddess of the hearth

A. Hestia

3. goddess of growing things

A. Demeter

10. For 15 points each, given the crusade, name the pope who called for it.

1. 2nd Crusade

A. Pope Eugenius II

2. 4th Crusade

A. Pope Innocent III

11. Given the brightest star in each of the following constellations, name the constellation for 10 points each.

1. Acubens

A. Cancer

2. Castor

A. Gemini

3. Regulus

A. Leo



12. Time now for your bonus about the recipients of Academy Awards. FTP each, given the name of the film winning the Academy Award for Best Picture, give the supporting actor or actress who also won an academy award for the same film.

1. Kramer Versus Kramer

A. Meryl \_Streep\_

2. The Godfather Part II

A. Robert \_DeNiro\_

3. The Unforgiven

A. Gene \_Hackman\_

13. Given some books on the Modern Library top 100 novels, name the author  
F5PE:

5: Under the Volcano

Malcolm \_Lowry\_

5: Appointment in Samarra

John \_O'Hara\_

5: A Dance to the Music of Time

Anthony \_Powell\_

5: Zuleika Dobson

Max \_Beerbohm\_

5: The Moviegoer

Walker \_Percy\_

5: The Wapshot Chronicles

John \_Cheever\_

14. Given the epochs contained within a particular period of geologic time, give the name of the period for 10 points each.

1. Malm, Dogger, and Lias

A. \_Jurassic\_

2. Marioneth, St. David's, and Caerfai

A. \_Cambrian\_

3. Holocene and Pleistocene

A. \_Quaternary\_

15. 30-20-10-5 Name the Nazi:

30: An office wall notice of his read: "He who tortures animals wounds the feelings of the German people".

20: This "Master of the German Forests" was in a WWII era Bugs Bunny cartoon

10: In 1940, he was made Marshal of Germany.

5: He founded the Gestapo and headed it from 1933-1936.

Hermann Wilhelm \_Goering\_

16. Name the mathematicians for 15 points each:



15: He is famous for his formula which reads, the quantity  $\cos x + i \sin x$  to the  $n$  power =  $\cos nx + i \sin nx$  for all real numbers  $x$  and all positive integers  $n$ .

Abraham \_de Moivre\_

15: This Indian-born British mathematician and logician stated that the complement of the intersection of 2 sets is the union of their complements, and that the complement of the union of 2 sets is the intersection of their complements.

Augustus \_De Morgan\_

17. Given the following artistic works, name the Italian artist who created them FTPE.

10: The Vision of St. Bernard, 7 Saints, Virgin Adoring the Child

A. Fra \_Filippo Lippi\_

10: Christ Giving the Keys to Peter, Crucifixion With Saints

A. \_Perugino\_

10: The Last Supper (1592), St. Mark Rescuing a Slave

A. \_Tintoretto\_ or Jacopo \_Robusti\_

18. Given the schools that appear in television programs, name the program.

1. For 5 points, John F. Kennedy Junior High

A. \_The Wonder Years\_

2. For 10 points, Thomas Jefferson High School

A. \_Happy Days\_

3. For 15 points, Madison High School

A. \_Our Miss Brooks\_

19. 30-20-10. Name the work from characters.

(30) Susan Henchard

(20) Donald Farfrae

(10) Michael Henchard

The \_Mayor of Casterbridge\_

20. Given the Caribbean island, name the country that owns it FTP each.

A) Anguilla

A: \_Great Britain\_

B) Martinique

A: \_France\_

C) Curacao

A: The Netherlands

21. For fifteen points each, name the American novel from lists of its characters. If you need the author, you will receive five points.

- a. (15) Daggoo, Tashtego  
(5) Herman Melville

Moby Dick

- b. (15) Charles Citrine, Rinaldo Cantabile  
(5) Saul Bellow

Humboldt's Gift

22. Answer the following questions concerning the NPT for the stated number of points.

A) FTP, what does the acronym NPT stand for?

A. Nuclear Non-Proliferation Treaty

B) For five points each and five for all three, name the nations that possess nuclear weapons or "capabilities" that are not signatories of the NPT.

A. Israel, India, Pakistan