

HEINRICH BOLL III
TOSSUPS--Berry College

1. Two armies met upon the Field of Blackbirds. By the end of this battle, the Ottoman Turks had captured and beheaded Prince Lazar, captain of the opposing army, and laid the foundation for the ultimate conquest of Serbia 70 years later, driving most Serbs northward. This battle became the capstone of Serbian national pride; however, the region where this historic defeat took place is now 90 percent Albanian. FTP, name this June 28, 1389 battle, which is now perhaps the most volatile region in the Balkans.

Kosovo

2. Born in Vienna on April 26, 1889, he was largely educated in England, where his interest shifted from pure mathematics to philosophy. Soon after the publication of one of his two major works, he temporarily retired from academia to teach elementary school in Austria. He then was appointed to the faculty of Trinity College, Cambridge, where he wrote his second major work, which rejected many of the conclusions arrived at in his previous writings. FTP, name the author of *Tractatus Logico-philosophicus* and *Philosophical Investigations*.

Ludwig Josef Johann Wittgenstein

3. Born in Lom in 1859, he gave up his early attempts to become a journalist and immigrated to the United States, where he worked at various occupations and wrote. Later returning to his native land, he soon became one of the most acclaimed Scandinavian writers, although his reputation was marred in his later years due to his collaboration with the Nazis. FTP, name this Norwegian novelist, author of such works as *Hunger* and *Pan*, whose novel *The Growth of the Soil*, won him the 1920 Nobel Prize for Literature.

Knut Hamsun (real name: Knut Petersen)

4. Born in 1848, he worked with Julius von Sachs at the University of Heidelberg. His work is valued as the first satisfactory application of experimental methods to the field of evolutionary theory. According to his theory, pangenes were the carriers of hereditary traits, and new species arose from what he called mutations. FTP, name this Dutch botanist who discovered the laws of hereditary independent of Mendel.

Hugo De Vries

5. He was born to a family of Dutch, Tamil, and Sinhalese origin. After receiving his education in England, he immigrated to North America and wrote his first book of poetry, *The Dairy Monsters*. Although he has produced several award winning books, with both his novel *The Collected Works of Billy the Kid* and a volume of poetry, *There's a Trick With a Knife I'm Learning to Do*, winning the Governor General's Award for Literature, he is primarily known for one work. FTP, name this Sri Lankan born Canadian novelist and poet, author of *The English Patient*.

Michael Ondaatje (Ahn-daht-yeh)

6. The ultimate spiritual guidebook of this religion consists of hymns by the 10 gurus and devotional poetry in several languages. This religion's guidebook rejects priesthood, image worship, and pilgrimage, although it retains the doctrines of transmigration and karma. Centered in the Punjab state and combining elements of Hinduism with Islam, this religion's guidebook is the *Adi Granth*. FTP name this religion founded by Nanak.

Sikhism

7. Isolated in 1885 by Austrian chemist Carl von Welsbach, this element ranks twenty-seventh in order of abundance in the earth's crust. Its oxides are used in the glass of television tubes to increase the contrast. Its name coming from the Greek for "new" and "twin," it has an atomic weight of 144.24 and atomic number of 60. FTP, name this element with atomic symbol Nd.

Neodymium

8. He met perhaps the most pathetic end of any composer. In American occupied Salzburg, following the end of WWII, he was shot accidentally by a trigger-happy American soldier. The composer of *Five Canons* for Soprano and two clarinets and *Six Pieces* for Orchestra, he was a master of counterpoint and one of the most important figures of the Second Viennese School. FTP name this close associate of Berg and Schoenberg known for his noticeably short compositions.

Anton von Webern (real name: Anton von Wevern)

9. In 1987, mathematician Michael F. Barnsley discovered a process that automatically detects these in real world images. Mandelbrot suggested that mountains, clouds, and galaxy clusters are examples of these. FTP, name this geometric shape that is usually associated with a snowflake.

Fractal

10. All of the novels written by this Englishman are in epistolary form and were quite successful. Sir Charles Grandison and Clarissa Harlowe were both written by, FTP, what author more famous for Pamela; or Virtue Rewarded?

Samuel Richardson

11. Not only did this piece of legislation establish the office of the Attorney General, but it created 3 circuit and 13 district courts. FTP, name this 1789 Act which established our federal court system.

Judiciary Act

12. He was born exactly 1 year after his mother had a stillborn child, which was given the name he later had. His professions included working as a schoolmaster, evangelist, and art dealer, but he is best known for his own paintings. FTP, name this Dutchman, a landmark figure in modern art, the painter of *Irises*.

Vincent van Gogh

13. In 1866, a clerk named Oliver Hudson Kelley was sent by the Commissioner of Agriculture to gather information in the South. The next year, Kelley organized this social and educational society which in the 1870's became politically oriented. FTP, name this organization that claimed about 800,000 dues-paying members in 1875.

The National Grange or The Patrons of Husbandry

14. It stretches from Canada to Mexico, meandering through the Cascade mountains, past Mount Rainier in Washington and Mount Hood in Oregon. It winds through three National Parks in California—Yosemite, King's Canyon, and Sequoia—and finishes in the desert southeast of Los Angeles. FTP, name this National Scenic Trail.

Pacific Crest Trail

15. This Swiss biologist, philosopher, and developmental psychologist considered himself a "genetic epistemologist." He earned his doctorate in Zoology at the University of Neuchatel, but spent his career studying the psychology of children. FTP, name this author of *The Origins of Intelligence in the Child* and *The Child's Construction of Reality*, both published in 1936, who eventually used his own children as research subjects.

Jean Piaget

16. "In hoc signo vinces" is said to have been seen in the sky along with a cross superimposed on the sun. Constantine then proceeded to defeat Maxentius in, FTP, what AD 312 battle?

The Battle of Milvian Bridge

17. This European country has decided to sit it out and observe the evolution of the European Union from the sidelines. It can afford a certain amount of economic independence due to large oil reserves it possesses in the North Sea. Another reason this country is tentative about joining the Union is that it feels its views on feminism are much further evolved than other portions of Europe. FTP, name this country containing the cities of Stavanger, Bergen and Trondheim.

Norway

18. Appointed commander-in-chief of the army in 237 B.C., he began a reconquest of Spain, planning to build a new empire from which he could launch a major attack on Rome. FTP name this man whose armies raised during his 9 years in Spain were of much use to his son, Hannibal.

Hamilcar Barca

19. It incorporates the requirements of both quantum theory and special relativity in the description of the behavior of fermions. It requires fermions to have the property called spin, and predicts the existence of antiparticles. FTP, name this equation, written in 1928, whose namesake shared the 1933 Noble Prize in Physics with Schrodinger.

Dirac Equation

20. The regularization of the Papal elections and the election of Cardinal Ottone Colonna as Pope were two of the results of this council. It condemned as heretical the doctrines of John Wycliffe and John Hus and ended the schism between Rome and Avignon. FTP name this council called between 1414 and 1418.

Council of Constance

21. Stemming from the ideas of Locke and the Law of Rent of Ricardo, this doctrine's influence on American society can be seen in the Graded Tax Laws of Pennsylvania and similar reform movements in other states in the first decades of the 20th century. FTP, name this social reform doctrine developed by Henry George in *Progress and Poverty* which holds that all taxation should be reduced to a solitary impost on land.

Single Tax

22. Born in 1860 in what is now Slovenia, he was educated at, but later expelled from, the Vienna Conservatory. A devotee of Wagner, he attempted one opera, *Der Corregidor*, but was only successful in writing lieder, which he elevated to heights of complexity and subtlety never before reached. FTP, name this Austrian composer, best known for his *Spanish* and *Italian Songbooks* and for his pathetic final descent into madness.

Hugo Wolf

23. South Africa became a republic; Yuri Gagarin flew into space; the Berlin Wall was erected; FTP in what year did Kennedy become U.S. President?

1961

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1. Death usually isn't funny, unless it happens to somebody else. FTP, given the description of death, name the composer. Because we're so generous, we'll give you five points if you can name the composer given a well-known composition.

10. A French composer, he died of complications resulting from being hit by a bus.

5. One of the best known organists and music teachers of his day, he is best known for his *Symphony in d minor*.

10. A student of Franck's, he died of injuries received after losing control of his bicycle and plowing headfirst into the side of a building.

5. He is best known for his *Poeme* for violin and orchestra.

10. He drank a glass of unboiled water during a cholera epidemic, an act believed by many scholars to be a passive suicide attempt. Many believe the suicide was in response to the threatened revelation of a homosexual affair.

5. He composed *Capriccio Italien*.

Cesar Franck, Ernest Chausson, Pyotr Tchaikovsky

2. FTP each, name the Shakesperian play from quotes.

A. "Thus far, with rough and all unable pen, our bending author hath pursued the story/ In little room confining mighty men, mangling by starts the full course of their glory."

B. "She should have died hereafter/ There would have been a time for such a wound."

C. "Arise fair sun and kill the envious moon...."

Henry V, Macbeth, Romeo and Juliet

3. Identify the following "plans" from American History FTP each.

1. It proposed a bicameral "National Legislature," and was drafted at the Constitutional Convention by Edmund Randolph.

2. It was devised in 1924 by the Allied Reparations Commission and attempted to help Germany cope with its post-war economic crises.

3. General Winfield Scott proposed this divide and strangle approach to defeating the Confederacy.

Ans. 1. Virginia Plan

2. Dawes Plan

3. Anaconda Plan

4. Pencil and Paper may be necessary for the following bonus. Identify the limit as x approaches infinity of the following functions for 10 points each.

1. $(e^x)/x^2$ (e to the x over x squared)
2. $[x^2 + 3x + 5]/(\ln x)$ (quantity x squared plus 3x plus 5 over natural log of x)
3. $(x^4 + 7x)/(5x^6 + 4x^2)$ (quantity x to the fourth plus 7x over quantity 5x to the sixth plus 4x squared)

- Ans. 1. Infinity
2. Infinity
3. Zero

5. Identify the following from Japanese military history.

1. For 5 points; what industrial powerhouse manufactured the Zero?
2. For 10 points; what name was given to the area in China conquered during the Second Sino-Japanese War.
3. For 15 points; In what 1905 naval battle did the Japanese navy destroy the morale of the Russian forces and bring about the Treaty of Portsmouth.

- Ans. 1. Mitsubishi
2. Manchukuo
3. The Battle of Tsushima Strait

6. Answer the following questions concerning everyone's favorite resident of Rotterdam, Desiderius Erasmus.

5. Erasmus wrote a satirical piece against the abuses of the church which became the second best selling book of its day, behind The Bible. What is the title of this book?

10. In which country was Erasmus residing while he wrote Praise of Folly?

15. While in England, Erasmus dedicated Praise of Folly to whom?

The Praise of Folly, England, Sir Thomas More

7. Identify the following figures from American political history. 10 points each.

1. This Boston political boss was given the nicknames "Honey Fitz" and "Fitz Blarney."
2. This national figure was referred to as "The Boy Orator of the Platte" and "The Great Commoner."
3. In 1860, this Kentucky Senator suggested a constitutional amendment allowing slavery in all territories south of 36°-30'.

- Ans. 1. John Fitzgerald

2. William Jennings Bryan
3. John J. Crittenden

8. When writing your first opera, you may produce a masterpiece. However, chances are it is merely a case of beginner's luck. In fact, posterity has shown us that even the greatest operatic composer's early works are generally terrible. FTP each, given an early opera of a particular composer, name him. If you need the name of a later, better known opera, you will only receive five points.

10. *The Fairies*
5. *Parsifal*

10. *The Vampires*
5. *The Girl of the Golden West*

10. *Oberto*
5. *The Force of Destiny*

Richard Wagner, Giacomo Puccini, Giuseppe Verdi

9. Identify the following person on a 30-20-10 basis.
 30. Born in Dole on December 27, 1822, he found that a beam of polarized light is rotated to either the right or the left as it passes through a pure solution of naturally produced organic nutrients.
 20. His skeptical views concerning spontaneous generation resulted in a fierce debate with French biologist Felix Pouchet—and later with English bacteriologist Henry Bastion .
 10. A French chemist and biologist, he founded the science of microbiology, proved the germ theory of disease, and most importantly, saved the French Wine Industry.

Louis Pasteur

10. Identify the first and the last kings of the following European royal houses. The order of the responses given to each part is inconsequential.

1. Plantagenet	5: <u>Henry II</u> and 5: <u>Richard II</u>
2. York	5: <u>Edward IV</u> and 5: <u>Richard III</u>
3. Valois	5: <u>Philip VI</u> and 5: <u>Henry III</u>

11. Identify the following--- 30, 20, 10:

30. The term was first used in psychology by the Austrian philosopher and psychologist Christian von Ehrenfels in 1890.

20. Its co-founders were Max Wertheimer, Wolfgang Kohler and Kurt Koffka.

10. It is a school of psychology which holds the concept of a unified whole that is greater than, or different from, the sum of its parts.

Gestalt

12. For 10 points each, name the country each of these mountains is located in:

1. Zugspitze

2. Jungfrau

3. The Eiger

Germany, Switzerland, Switzerland

13. Name these scientists from clues.

5. He wrote *Dialogues on the Two Chief Systems of the World* in 1632 and died the year Sir Isaac Newton was born.

10. A French social theorist born in 1858, his work *Suicide* maintains that suicide is the result of one's lack of integration into society.

15. An Indian-born U. S. biochemist who in 1976 led the team that first synthesized a biologically active gene and shared the 1968 Nobel Prize in Medicine for research on the interpretation of the genetic code and its function in protein synthesis.

Galileo Galilei, Emile Durkheim, Har Gobind Khorana

14. Given its setting and date of publication, identify the American novel. 10 pts. Each.

1. Pianosa, World War II, 1961

2. Jerusalem, Southampton County, Virginia, 1830s, 1967

3. Frenchman's Bend, Mississippi, Turn of the Century, 1940

1. Catch-22

2. The Confessions of Nat Turner

3. The Hamlet

15. The Georgia Institute of Technology was chartered in 1885, which may seem like quite a while ago until you begin to consider the ages of some of the other institutions of higher learning in America. For 5 points each, with a 5 point bonus if you get them all in order, give me the five oldest universities in the United States, beginning with the oldest first.

Harvard, William and Mary, Yale, Pennsylvania, Princeton

16. 30-20-10 Identify the American Author from works.

30. "Dreams" and "Evening Star"

20. "The Island of the Fay" and "Mesmeric Revelation"

10. "The Gold Bug"

Edgar Allan Poe

17. Identify the chemist on a 30-20-10 basis

30. An American chemist born in Ishpeming, Michigan, in 1912, he was chairman of the AEC from 1961-1967.

20. He shared the 1951 Nobel Prize in Chemistry with Edwin McMillan.

10. With McMillan, he discovered such elements as plutonium, fermium, nobelium, and californium.

Glenn Seaborg

18. Identify these American poets from works on a 10-5 basis.

10. *White Buildings*

5. *The Bridge*

10. *The Lovers of the Poor*

5. *Annie Allen*

10. "Little Boy Blue"

5. *The Duel*

Hart Crane, Gwendolyn Brooks, Eugene Field

19. Identify these unrelated terms all beginning with the same letter FTPE:

10: This theory of government proposed by Karl Popper, as opposed to a planned or goal-directed society, is one in which governments have no ultimate aims, and hence one where people enjoy the maximum freedom to experiment and innovate.

open society

10: Coined by William Carlos Williams, its best practitioner was perhaps the American poet Louis Zukovsky. Related to Imagism, it laid particular stress on precision and detail of image and construction. The name is the same as a philosophical theory.

objectivism

10: It was stated as: given a sky uniformly filled with stars and a light intensity falling off as the inverse square of the distance, why is the sky dark at night?

Olbers' paradox

20. Cinematographers rarely get the credit they deserve, considering they actually film the film and all. FTP each, given a pair of works name the cinematographer who worked on both.

- A. *Fargo*; *The Shawshank Redemption*
- A. *Big*; *Misery*
- B. *The Seventh Seal*; *Wild Strawberries*

- A. Richard Deakins
- B. Barry Sonnenfeld
- C. Gunnar Fischer

21. Just because you happened to score the biggest grossing film of all time (not considering inflation, of course), doesn't mean that you're the best composer around. Most of you have figured out that I'm speaking of James Horner, who is an excellent composer in his own right, but perhaps slightly overrated. Given the description of a film composer, name him (or her) for ten points each.

- A. She composed the music for the BBC television series "Jeeves and Wooster," before going on to win an Oscar for *The Full Monty*.
- B. One of the most prolific of all film composers, he is best known for his scores for Spaghetti Westerns and the Oscar-nominated *The Mission*.
- C. Although he wrote the score for virtually every Federico Fellini film, his fame in the United States rests primarily on his scores for the *Godfather* films.

Anne Dudley, Ennio Morricone, Nino Rota

22. Identify the following economic term on a 30-20-10 basis.

- 30. It was first established in Massachusetts in 1912 and covered only women.
- 20. It was originally designed to shorten hours and raise pay in the specified industries.
- 10. It rose from \$3.35 to \$4.75 per hour in April 1991 and is now above \$5 per hour.

Minimum Wage