

Maryland A Tossups – Round 4

1. After cosponsoring the Regulatory Act, he was sent in 1775 to the Colonies to reinforce General Gage and returned to England following Bunker Hill. He was then sent to Canada in 1776, but he was later undone by the failures of his troops and those under Barry St. Leger and Sir William Howe. FTP, identify this general who surrendered to the Americans at Saratoga.

Answer: John Burgoyne

2. He asserted that Jesus had two natures, human and divine. He was banished for maintaining that Mary was the mother of Jesus the man only, and therefore should not be known as the mother of God. FTP, name this Syrian ecclesiastic who was opposed by Cyril and the 431 Council of Ephesus.

Answer: Nestorius

3. It is caused by a lack of the enzyme hexosaminidase, which results from accumulation of sphingolipids in the brain. Symptoms appear by age 6 months, after which there is progressive degeneration with blindness, the development of a cherry red spot on the retina, spasticity, dementia, and death before the age of 4. FTP, name this inherited disease occurring mainly among Ashkenazic Jews.

Answer: Tay-Sachs Disease

4. He wrote four plays with William Ernest Henley and published Travels with a Donkey in the Cevennes about his European wanderings. He started writing The Master at Ballantrae at Saranac Lake, where he had gone to alleviate his tuberculosis, but he is more famous for works like A Child's Garden of Verses. FTP, name this author of Kidnapped and The Strange Case of Dr. Jekyll and Mr. Hyde.

Answer: Robert Louis Stevenson

5. Jimmy the Mod, who has a four-way split personality, gravitates to a seaside town, gets caught up in a rumble with the rival Rockers, has trouble finding either a job or a girl and finally realizes that neither life nor rock-and-roll is quite what it's cracked up to be. FTP, identify this concept double album by The Who, a follow-up to "Tommy" which features "5:15" and "Love Reign O'er Me".

Answer: Quadrophenia

6. Founded by Hadrian on the site of Uscudarma and now known as Edirne, it preceded Constantinople as the Capital of the Ottoman Empire. After the Huns invaded Dacia in 375, the Visigoths under Fritigern settled in this area. FTP, identify this Thracian city where Visigoth cavalry soundly defeated the Roman Army under emperor Valens in 378 A.D.

Answer: Adrianople

7. In 1996, this state senator representing California's 23rd district attended a Democratic National Convention in Chicago for the second time. The former editor of the University of Michigan student newspaper, he authored the 1962 Port Huron Statement, and founded the Students for a Democratic Society. FTP, identify this former husband of Jane Fonda, better remembered as a 1960s radical and member of the "Chicago Seven".

Answer: Tom Hayden

8. His music, all written before 1920, anticipates later devices such as polytonality and quarter-tones. This man was an organist and choirmaster and had a business career, his work being little recognized until his Concord piano sonata was played in 1939. FTP, name this American composer of 5 symphonies and Three Places in New England.

Answer: Charles Ives

9. Taking the U.S. out of the League of Nations, abolishing the federal income tax, repealing Social Security legislation, and rejecting the authority of the Supreme Court. These actions were (and are) favored by this organization founded in 1958 by Robert Welch, Jr., that controlled the Wyoming legislature in the 60s. FTP, name this right-wing political action group named after a member of the U.S. intelligence team killed by Chinese communists.

Answer: John Birch Society

10. This law predicted the existence of a planet between Mars and Jupiter, which led to the discovery of asteroids. It is obtained by adding 4 to the series 0, 3, 6, 12, 24, etc. and then dividing by 10. FTP, name this law which approximates the distance of each of the planets from the Sun.

Answer: Titius-Bode's Law

11. Although the US troops were encircled for some time at Bastogne, the German counter-offensive failed. In all there were 77,000 Allied casualties and 130,000 German. FTP, name this battle in which Hitler's field marshal Rundstedt aimed at the US line in the Ardennes from Dec.16, 1944 to Jan. 28, 1945, sometimes code-named "Watch on the Rhine."

Answer: Battle of the Bulge

12. The book consists of a 999-line poem and editorial commentary on the poem by a demented literary scholar who imagines himself to be the king of the mythical country Zembla. Charles Kinbote, the Zemblan scholar, is editing the title poem--the last of the murdered American poet John Shade. FTP, name this second-most famous novel of Vladimir Nabokov.

Answer: Pale Fire

13. She published the magazine *The Lily*, which campaigned for woman's rights and dress reform, and lectured with Susan B. Anthony in New York. In 1849, when unwieldy crinolines were the fashion, she introduced a knee-length skirt combined with loose trousers gathered at the ankles, which would later be named for her. FTP, name this women' rights campaigner and dress reformer.

Answer: Amelia Jenks Bloomer

14. It contains some lead and variable amounts of most of the naturally occurring radioactive elements. It was first studied by the Curies in 1898, who found radium and polonium in its residues. FTP name this brownish-black mineral, a source of radium, polonium, and actinium, which is the major constituent of uranium ore.

Answer: Pitchblende

15. With the Nazi occupation of Austria, he was arrested and sent to the concentration camps at Dachau and Buchenwald, where he began a long-term study of the psychological effects of totalitarianism. At the Univ. of Chicago, he founded a treatment center for emotionally disturbed children based upon the principle of a supportive home environment. FTP, name this psychologist who wrote Love is not Enough, Truants from Life, and Children of the Dream.

Answer: Bruno Bettelheim

16. His coaching career includes four years at N.C. State, a year with the New York Jets, seven years at Arkansas, three years at William and Mary, and two years at Minnesota, where he coached before he took his current job in 1986. He is said to want to bring in his son, coach of Connecticut, as an assistant and eventual replacement. FTP, name this now-resigned coach of Notre Dame.

Answer: Lou Holtz

17. A prosperous printer, he was asked to compose a guide to letterwriting. Using a central theme, he instead wrote a novel in letter form, one of the first in the English language. FTP, name this author of *The History of Sir Charles Grandison*, *Clarissa Harlowe*, and *Pamela*.

Answer: Samuel Richardson

18. In 1905 he predicted global warming as a result of carbon dioxide emission from burning fossil fuels. Apart from writing *Worlds in the Making* and *The Destinies of the Stars*, he also conducted a special study of electrolysis in 1895. FTP, name this 1905 recipient of the Nobel Prize in Chemistry, who defined an acid as a solution which produces hydrogen ions.

Answer: Svante August Arrhenius

19. In Scotland, the interior and exterior design of Charles Rennie Mackintosh; in France, the architecture of Hector Guimard and the art glass of Rene Lalique; in Belgium, the houses and shops of Victor Horta; and in the US, the lamps and metal work of Louis Tiffany. FTP, name this artistic style, named after a shop in Paris that opened in 1895, embodied in the work of Aubrey Beardsley and Antonio Gaudi.

Answer: Art Nouveau

20. He opposed the paleontologist Georges Cuvier's theory that the features of the earth were formed by a series of catastrophies, and expounded James Hutton's view known as uniformitarianism, that past events were brought about by the same processes that occur today--a view which buttressed Darwin's theory of evolution. FTP, name this Scotsman who published Principles of Geology in 1830.

Answer: Charles Lyell

21. He invaded Italy in 280 BC, as an ally of the Tarentines against Rome, and returned to Greece in 275 after his defeat in Beneventum, later to be killed in a riot in Argos. FTP, name this king of Epirus who twice defeated the Romans, but sustained such losses that his name is given to a victory not worth winning.

Answer: Pyrrhus

22. His early block-like figures evolved into a form of Cubism, dependent on the shapes of machinery and their geometrical bases: cones, cylinders, cogged wheels, etc. FTP, name this artist whose best-known work may be Leisure Time, and whose last works were the huge murals for the United Nations buildings in New York.

Answer: Fernand Leger

23. Held during the winter of 1958, it issued a multilateral treaty on April 29. The width of contiguous zones was set at 12 miles, and the right of innocent passage through coastal waters and freedom of the high seas were affirmed. FTP, identify this conference, which set a 3- mile limit to States' territorial seas.

Answer: Law of the Sea Conference I

24. It was this man who ensured that the Roman Empire did not stretch beyond the Rhine. He began his military career as a soldier of the Roman Army but defected, and in AD 9 he defeated the Roman force of Varus at the battle of Teutoberger Forest. FTP, name this German chieftain.

Answer: Arminius

Maryland A Bonuses – Round 4

1. Given a reelected Senator, identify his major-party opponent in the 1996 November election, FTP.

1. Jesse Helms (R-N.C.)                      Answer: Harvey Gantt (do not accept Harvey Grant)
2. John Kerry (D-Mass.)                      Answer: William Weld
3. Paul Wellstone (D-Minn)                      Answer: Rudy Boschwitz

2. 30-20-10, name the poet from works.

1. An Evening Walk, Memorials of a Tour in the Continent
2. The Excursion, "Laodamia"
3. "Tintern Abbey", "Ode: Intimations of Immortality"  
Answer: William Wordsworth

3. FTP each, identify the following European places given a brief descriptions of treaties signed there.

1. A 1229 treaty ending war between France and Aragon, one ending the Crimean War in 1856, and one ending the Spanish-American War in 1898, as well as others in 1763, 1790, and 1814.  
Answer: Paris
2. Negotiated in 1878, a treaty signed here replaced the treaty of San Stefano, and guaranteed the independence of Bulgaria, Romania, Serbia, and Montenegro from the Ottoman Empire.  
Answer: Berlin
3. The treaty ending War of the Polish Succession in 1738 as well as the Convention on Diplomatic Relations in 1961, and the Treaty on Treaties in 1968-9.  
Answer: Vienna

4. After authorizing the military coup d'etat which toppled Ngo Dinh Diem, the United States was drawn deeply into South Vietnam. Answer these questions about that event.

1. For 5 points for the year, or FTP for the month and day, on what date  
Answer: November 2, 1963
2. The brother of Diem, this heroin addict instituted persecution of the Buddhist majority in the spring of 1963.  
Answer: Ngo Dinh Nhu
3. This Republican ran against John Kennedy for a Senate seat in 1952, but was appointed Ambassador to South Vietnam in 1963, and gave authorization to the ARVN Generals to stage the coup.  
Answer: Henry Cabot Lodge (Note: do not accept Henry Cabot Lodge, Jr.)

5. FTP each, name the following U.S. labor leaders.

1. President of the United Mine Workers from 1920 to 1960, he pulled the UMW out of the AFL in 1942.  
Answer: John L. Lewis
2. Also associated with the UMW, he served as president of the AFL from 1924 until 1952 and led the struggle with the CIO when the groups split in 1935.  
Answer: William Green
3. This South Carolina native succeeded George Meany as president of the AFL-CIO in 1979 and oversaw the readmission of the United Auto Workers and the Teamsters Union.  
Answer: Lane Kirkland

6. For 5 points each, plus 5 more for all correct and ranked from highest to lowest, list the top 5 US-based airlines by total passengers in 1994.

Answer: Delta, American, United, USAir, Northwest

7. For the state point value, name the following members of the National Inventors Hall of Fame.

1. (5) He developed the dry plate negative and transparent roll film for still cameras and a motion picture film for use in the newly invented cinema.

Answer: George Eastman

2. (10) He devised the safety elevator in 1853, and he installed the first passenger elevators eight years later.

Answer: Elisha Graves Otis

3. (15) His invention of the triode was the key to modern radio and later developments in the amplification of signals.

Answer: Lee De Forest

7. Given the year and the author, name the Pulitzer Prize winner for drama FTP each.

1. 1922, Eugene O'Neill

Answer: Anna Christie

2. 1971, Paul Zindel

Answer: The Effect of Gamma Rays on Man-in-the-Moon Marigolds

3. 1991, Neil Simon

Answer: Lost in Yonkers

8. FTP each, give the following terms related to weather.

1. A line of instability that often precedes a cold front, marked by wind gusts and often by heavy rain.

Answer: squall line

2. A change in the circulation and temperature of the waters off the west coast of South America that occurs every few years. A strong one can affect weather worldwide.

Answer: El Niño

3. A region of low atmospheric pressure; severe ones are called hurricanes or typhoons.

Answer: cyclone

9. In the book of Revelation, letters are addressed to seven churches in the province of Asia. FTP each, name any 3 of them.

Answers: Ephesus, Smyrna, Pergamum, Thyatira, Sardis, Philadelphia, Laodicea

10. FTP each, identify the following taken at random from the question writer's statistics textbook.

1. This name is applied to any random variable whose only possible values are 0 and 1.

Answer: Bernoulli random variable

2. For a parameter theta, it is defined as the expected value of the estimator of theta minus theta.

Answer: bias

3. Symbolized by rho, it is defined as the covariance of x and y divided by the standard deviation of x times the standard deviation of y.

Answer: correlation coefficient

11. For the stated number of points, answer the following concerning the Hagia Sophia.

1. 5 pts: Name the emperor for whom it was constructed.

Answer: Justinian I

2. 10 pts: Name any year during which it was constructed.

Answer: 532-537 A.D.

3. 15 pts: Name either of its architects.

Answer: Anthemius of Tralles *or* Isidorus of Miletus

12. FTP each, name the following people associated with the history of South Africa.

1. His 1895 raid into the Boer colony of the Transvaal precipitated the Boer War.

Answer: Sir Leander Starr Jameson

2. As prime minister from 1919 to 1924 and again from 1939 to 1948, he brought South Africa into World War II on the Allied side. He was later active in organizing the UN.

Answer: Jan Smuts

3. A Zulu chief and chief minister of the Bantustan Kwa-Zulu, he revived Inkatha, a Zulu cultural group, in 1975 as an antiapartheid organization.

Answer: Mangosuthu Gatsha Buthelezi

13. 30-20-10, name the artist.

1. He was influenced by English painting and a trip to Morocco that inspired him to paint such exotic works as Women of Algiers.

2. His first major work was The Bark of Dante. He also painted portraits of notable contemporaries, including George Sand.

3. The foremost painter of the French Romantic school, he painted Liberty Leading the People.

Answer: Eugene Delacroix

14. FTP each, identify the following features of Egyptian geography.

1. This is the large depression in the northwest; its name sounds like the name of a nearby country.

Answer: Qattara depression (do not accept Qatar)

2. Name the lake which was created by the construction of the Aswan High Dam in 1970.

Answer: Lake Nasser

3. Name the city that lies just across Cairo on the opposite side of the Nile.

Answer: Al Jizah

15. Given a work of English classical music, name the composer, FTP each.

1. A Village Romeo and Juliet

Answer: Frederick Delius

2. Fantasia on "Greensleeves"

Answer: Ralph Vaughan Williams

3. Enigma Variations

Answer: Edward Elgar

16. On a 15-5 basis, name the Russian authors from works.

1. 15 pts: What I Believe, Resurrection

Answer: Leo Tolstoy

5 pts: Anna Karenina

2. 15 pts: Virgin Soil Uplifted

Answer: Mikhail Sholokhov

5 pts: And Quiet Flows the Don

17. (20 points) Making use of the radioisotope carbon-14, he was able to follow the complex way the body is able to transform acetic acid. For this work he shared the 1964 Nobel Prize in Medicine with Feodor Lynen. For twenty points, name this German-born US chemist whose research concerned the production of cholesterol.

Answer: Konrad Bloch

18. Given the present or former Cabinet Department, name the first person to hold the post, for ten points each.
- |                                  |                                 |
|----------------------------------|---------------------------------|
| A. Justice                       | Answer: Edmund <u>RANDOLPH</u>  |
| B. Health, Education and Welfare | Answer: Oveta Culp <u>HOBBY</u> |
| C. Defense                       | Answer: James <u>FORRESTAL</u>  |

19. For five points each, and a five point bonus for all five, give the prefixes used to denote ten to the minus fifteenth, ten to the minus eighteenth, ten to the minus twenty-first, and ten to the minus twenty-fourth.

Answers: FEMTO, ATTO, ZEPTO, YOCTO

20. It's often been said that college athletic departments are like professional sports franchises. A recent study by a Notre Dame economics professor seems to confirm. He found that, of the twenty-five most valuable sports franchises in the country, three were highly successful athletic programs. For ten points each, name these three schools, each of which has played for a national championship in either football or basketball in the past decade.

Answers: NOTRE DAME, University of MICHIGAN, University of FLORIDA

21. Identify the goddess from her epithets, 30-20-10

30 Trivia

20 Lumina

10 Luna or Selene

Answer: ARTEMIS

22. 30-20-10, name the author from his works.

30 - While in college he wrote one of his greatest poems, Epitaphium Damoni.

20 - David Masson has called his Samson Agonistes the "most powerful drama in the English language after the severe Greek model."

10 - His best known work is Paradise Lost.

Answer: John MILTON