

DSHIT 2002 Round 5 – Questions by Univ. of Maryland plebes

Tossups:

1. George Eliot's travels in Italy inspired her novel, Romola, which chronicles the political upheavals of 15th century Florence. The central figure of the novel is a Christian preacher, renowned for his clash with tyrannical rulers and a corrupt clergy. FTP, whose zealous denunciations of the immorality of his era and the Medici family resulted in his martyrdom in 1498?

ANSWER: Girolamo Savonarola

2. Born in 1813, this man lived to be 42, seldom leaving his hometown of Copenhagen, where he studied philosophy and theology at the namesake university. Author of such works as "Concluding Unscientific Proscript" and "Either Or", he was preoccupied with how Christian faith could be rejuvenated. FTP, name this Danish philosopher often called "the father of Existentialism".

ANSWER: Soren Kierkegaard

3. He served as a peer under the monarchy of Louis Philippe, but in 1848 was elected to the assembly as a republican. His daughter's stalking of a British army officer inspired a film by Francois Truffaut. During this time, he was in exile in the Channel Islands, where he wrote his greatest works. FTP, name this author of the poems "The Punishments" and Les Miserables.

ANSWER: Victor Hugo

4. Extending 1900 miles from north to south, and nearly as long from east to west, it hosts virtually every climate type known to man. Upland plains dominate the south, giving way to the flat and rolling variety further north, with a giant desert in the west and mountains in the north. FTP, name this nation, with about one-third of the area of the US, dominating the South Asian subcontinent.

ANSWER: India

5. This region, at a distance of 30 to 100 AU from the sun, contains the orbits of large numbers of small icy objects that are sometimes considered to include Pluto and its moon Charon. It lies entirely in the ecliptic and is said to be the source of short-period comets such as Halley's. FTP, give the name of this belt, which lies much closer to the sun than the Oort cloud.

ANSWER: Kuiper belt

6. During his early career, this British soldier fought gallantly in Syria, Egypt, and Cyprus. He firmly established his reputation as a ruthless tactician at Omdurman in 1898, where his forces routed the army of the Arab leader known as the Khalifa. At the outbreak of World War I, he was appointed secretary of state for war, a position he held until his death at sea in 1916. FTP name this man, who was honored by the renaming of the city of Berlin, Ontario, for him.

ANSWER: Lord Kitchener

7. As a young man, he sailed to India, where he was appalled by the extreme inequities between wealthy and poor. In 1871, he wrote Land and Land Policy, in which he asserted that landownership is concentrated in the hands of the few, who reap major profits, due to no effort on their part. Since the supply of land is fixed, he argued in favor of shifting the entire tax burden to landowners – the basic premise of, FTP, whose Single Tax movement?

ANSWER: Henry George

8. The main character's family has just moved up north from the south, the family is dysfunctional, the father is an alcoholic, the mother is fed up with racism, and the daughter is going crazy obsessing over a body part. FTP, name this novel about the Breedlove family, written by Toni Morrison.

ANSWER: The Bluest Eye

9. In the late 1920's, a Syrian farmer discovered a strange clay tablet at a site of an ancient city. Written in cuneiform in the previously unknown language Ugrit, one of the largest tablets tells the myth of this deity, with epithets like Rider of the Clouds, Prince, Master of the Earth. FTP, name this Canaanite-Phoenician Storm God.

ANSWER: Ba'al

10. Following a duel in 1694, this Scotsman fled to Amsterdam, where he studied banking. He moved to Paris in 1716 and founded the Louisiana Company shortly thereafter. After it went public in 1719, his company became the subject of massive speculation that culminated in near financial ruin for France. Due to the public outrage over the collapse of his "Mississippi scheme," FTP, who secretly left France and settled in Venice, where he died in poverty in 1729?

ANSWER: John Law

11. Named after a region in northern France where they are common, these form in areas where a porous strata of water-bearing rock is tilted and covered with a layer of impermeable rock. This places the groundwater in lower areas under sufficient pressure to cause, FTP, what type of well or spring where water naturally fountains to the surface?

ANSWER: Artesian well or spring

12. This American painter and illustrator won the Golden Buffalo, the highest award given by the Boy Scouts of America, for the many Boy Scout calendars he painted. During World War Two, he created a famous series of paintings based on FDR's Four Freedoms speech, and created the popular characters of Willie Gillis and Rosie the Riveter. FTP, name this winner of the Presidential Medal of Freedom, perhaps best known for his long series of covers for the *Saturday Evening Post*.

ANSWER: Norman Rockwell

13. Upon his father's death in 1627, he hastily returned to Agra, secured the throne and mercilessly silenced all potential rivals. Although eclipsed in history by his grandfather Akbar, this man's reign was distinguished by its architectural splendor. FTP, what Mughal emperor presided over the construction of Delhi and built the Taj Mahal?

ANSWER: Shah Jahan

14. The only member of the genus *Dionaea*, this plant grows in damp, boggy areas with very poor soils along the coasts of North and South Carolina. The clamshell-like leaves grow in a rosette of about three inches in diameter, and often have red interiors. FTP, name this carnivorous plant whose leaves violently snap shut on hapless insects.

ANSWER: Venus flytrap or Dionaea Muscipula.

15. It's said he was based on the philosophers Leibnitz and von Wolff, and his distinguishing feature is his persistent optimism. "All is for the best in this best of all possible worlds" is a claim constantly made by him. FTP, name this character, the tutor of the main character, in Voltaire's *Candide*.

ANSWER: Doctor Pangloss

16. This 18th century Syrian jurist rejected legal innovation and believed in the infallibility of the Koran and the Hadith. He censured luxury, gambling, dancing, music and the use of tobacco. FTP, identify this man, whose namesake sect is the official religion of Saudi Arabia, and whose ultraconservative ideas have been blamed for the rise of Islamic fundamentalism.

ANSWER: Muhammad ibn Abd al-Wahhab

17. Damaged heavily by a flood in 1966, they are the artist's masterpiece, as he worked on it for 27 years. The original gilding has thus only been recovered recently. They consist of ten panels depicting Biblical scenes, with a self-portrait of the artist on the center-left. Moved to the cathedral after restoration and replaced with a copy, they were called the "gates of paradise" by Michelangelo. FTP, name this Lorenzo Ghiberti work that can be found in Florence.

ANSWER: East Doors of the Baptistery

18. Its author wrote seven tales about this place, stories that are exciting, often humorous, inventive, and deeply moving. Calormene, The Lone Islands, Archenland, the Great Eastern Ocean, and Terabithia are all located here. FTP, name this land of magic and wonder, home to the White Witch and Aslan, which is also the setting of a group of chronicles by C.S. Lewis.

ANSWER: Narnia

19. This is a traditional song of friendship in the English-speaking world. The title means, "days gone by," in a Scottish dialect, and the melody is a version of an old Scottish tune. The poet Robert Burns is usually given credit for the words of the song, but he probably based them on a folk song. FTP name this traditional New Year's Eve song.

ANSWER: Auld Lang Syne

20. This British physicist was knighted in 1994 for his contributions to science, including twistor theory, and work on black holes and quantum gravity. He's also known for his popular books on the science of consciousness, such as the 1989 bestseller *The Emperor's New Mind*. FTP, name this eponymous discoverer of a set of shapes that tile a plane infinitely but never repeat a pattern.

ANSWER: Sir Roger Penrose

21. In describing these, they come in three colors—red, green and blue—and one of each color come together to form a baryon. Bottom is another word for beauty, and top is another word for truth. They come in four other flavors, as well: Up, down, strange and charm. FTP, what are these elementary particles that share a name with a character on *Deep Space Nine*?

ANSWER: Quarks

22. The work of rational expectation theorists, most notably at the University of Chicago, has raised questions as to whether it has a negative slope. During the 1950's, many economists believed it suggested that society could make a choice between different levels of price stability and employment. FTP, name this oft-cited macroeconomic curve that relates inflation and unemployment.

ANSWER: Phillips curve

Bonuses:

1. Name the following peace treaties, FTPE:

[10] Although overshadowed in many history books by the Treaty of Westphalia eleven years earlier, this treaty reduced Spanish influence in the Low Countries, settled the border dispute between France and Spain, and brought about the marriage of the daughter of Philip IV, Maria Therese, to Louis XIV.

ANSWER: Peace of the Pyrenees

[10] This treaty concluded in 843 divided the Frankish empire between the three sons of Louis I. During World War I, this city that brought peace to Europe a thousand years later witnessed one of the bloodiest battles of the war.

ANSWER: Treaty of Verdun

[10] This peace agreement ended the Russo-Turkish war of 1877-78. The treaty granted independence to Serbia, Montenegro, Romania, and Bulgaria, and forced Turkey to make heavy reparations to Russia.

ANSWER: Treaty of San Stefano

2. 30-20-10, name the man

[30] During his youth, he exhibited a keen understanding of the physical sciences and even met Descartes and Galileo while on the continent. He went on to write the Little Treatise, which summarized his theory of physical motion.

[20] Troubled by the struggle between Parliament and Charles I, he wrote a moving defense of the royal prerogative.

[10] He asserted that men are predatory and fearful in his most famous work, the Leviathan.

ANSWER: Thomas Hobbes

3. FTP each, name the lava.

[10] This thick, viscous lava is usually slow-moving. Its name is said to come from the sound one tends to make while walking on the sharp, spiny chunks of cooled rock, sometimes called clinker, that float above the lava body.

ANSWER: aa

[10] This lava is much hotter and thinner than aa. It usually glows and flows rapidly and has a smooth, billowy or ropy texture, because natural pipes, called lava tubes, feed the flow.

ANSWER: pahoehoe

[10] This is basaltic lava that cools underwater. The rapid cooling of the outer surfaces creates the masses of round, fluffy-looking shapes that give this lava its name.

ANSWER: pillow lava

4. FTPE, name the author from works

[10] The Temple of My Familiar

ANSWER: Alice Walker

[10] The Great Divorce

ANSWER: C.S. Lewis

[10] The Grottesque Arabesque

ANSWER: Edgar Allen Poe

5. 5-10-15, name these Indian rivers.

[5] This is the nation's largest river, surrounded by an age-old mystique, even referred to as the "mother".

ANSWER: Ganges

[10] This river rises in Southwestern Tibet, at an altitude of 16,000 feet, flowing through Jammu-Kashmir before making its way down through Punjab and Sindh to its Arabian Sea delta.

ANSWER: **Indus**

[15] This is a sister-river to the Ganges, going for most of its length through Tibet/China under various names, before turning sharply into India, then joining the Ganges near Dacca in Bangladesh.

ANSWER: **Brahmaputra**

6. 30-20-10, name the man:

[30] Despite dropping out of school at the age of 16, he became one of the most influential men on Wall Street in the mid-19th century.

[20] He became president of the Erie Railroad in 1869, a few years after manipulating stock prices to gain control of the line from Cornelius Vanderbilt.

[10] He entered a scheme with James Fisk, a longtime partner, to corner the gold market in 1870. The sudden drop in the price of gold led to one of America's worst financial panics on a day that came to be known as Black Friday.

ANSWER: Jay **Gould**

7. Identify the artists from famous engravings, ten points each.

[10] *The Four Horsemen of the Apocalypse, St. Michael's Fight Against the Dragon, Portrait of Philip Melanchthon.*

ANSWER: Albrecht **Durer**

[10] *Nebuchanezzar, Joseph of Arimathea Among the Rocks of Albion, Illustrations of the Book of Job*

ANSWER: William **Blake**

[10] *Day and Night, Hand with Reflecting Sphere, House of Stairs*

ANSWER: Mauritius Cornelius **Escher**

8. 30-20-10, name the poet from poems

[30] *Danse Africaine*

[20] *Mulatto, The Weary Blues*

[10] *The Negro Speaks of Rivers*

ANSWER: Langston **Hughes**

9. Answer these questions relating to Islam.

[10] For 10 points, this is the framework of a faithful's life, containing the cardinal practices, enjoined by the Prophet Muhammad.

ANSWER: **Five Pillars** of Islam

[4x5] Name any four of the five pillars, 5 points each.

ANSWERS: **Faith** (also accept **Oneness of God**)

Prayer

Zakaat (also accept **alms** or **giving money to the poor**)

Fasting (do not accept Ramadan)

Pilgrimage (also accept **Haji**)

10. Galaxies are classified by shape, and come in several major forms. FTPE, given a description, name the form.

[10] These galaxies consist of a round, bulging center surrounded by a flat disk made of swirling arms or luminous bars.

ANSWER: **Spiral** galaxies

[10] These galaxies, essentially spiral galaxies minus the spirals, usually contain mostly older stars. They're basically lens-shaped: hence their name.

ANSWER: **Lenticular** galaxies

[10] These galaxies are round, elongated balls: They have been described as "cosmic footballs" and are rather like spiral galaxies without the disk.

ANSWER: **Elliptical** galaxies

11. F15PE, give a description, name the novel.

[15] A scandalous and controversial European work, labeled both diabolical and infamous, it's noted for its complex moral ambiguities on revenge and seduction. Characters include the Vicomte de Valmont and Marquise de Merteuil.

ANSWER: **Dangerous Liaisons**

[15] Semiautobiographical in nature, it follows the story of the protagonist, who is crippled, from his lonely childhood in an English town to his entry into medical school. When he returns to England, he meets a vicious waitress.

ANSWER: **Of Human Bondage**

12. You scream, I scream, we all scream for ice cream. Given ingredients, name the Ben & Jerry flavor

[10] Peppermint Ice Cream with Oxford Crème Cookies

ANSWER: Mint Chocolate Cookie

[10] Cherry Ice Cream with Cherries and Fudge Flakes

ANSWER: Cherry Garcia

[10] Pineapple Ice Cream, with a passion fruit swirl, and a hint of coconut

ANSWER: Island paradise

13. Identify these infectious diseases from symptoms for ten points each.

[10] Within 90 days of infection, lesions begin to occur, usually around the genitals. Twenty-five percent of patients then progress to the highly infectious secondary stage, characterized by widespread skin lesions, especially on the face, hands and feet. Thirty-three percent of cases will enter the third stage, where lesions spread to the bones and internal organs, leading to cardiovascular and neurological problems, eventually blindness and insanity.

ANSWER: Syphilis

[10] This disease begins with a small discolored area on the skin which eventually grows in size while the center clears up, leaving a raised blemish. It is highly contagious and will often spread to other areas of the body if left untreated.

ANSWER: Ringworm

[10] This disease is characterized by severe swelling and dark bruising around the lymph nodes, accompanied by raging fever and followed by dementia shortly before death.

ANSWER: Bubonic Plague or Black Death or Black Plague (prompt on Plague)

14. 30-20-10, name the war:

[30] This war resulted from repeated British efforts to evade provisions of the Treaty of Utrecht.

[20] The commercial terms of Utrecht restricted trade between Britain and Spanish colonies and gave rise to major smuggling operations along the Spanish Main. A series of alleged Spanish atrocities against British smugglers led to the outbreak of war in 1739.

[10] This two-year struggle, a precursor to the War of the Austrian Succession, came to be associated with a sensory organ of the captain of the Rebecca, a smuggling ship seized on the Spanish Main.

ANSWER: War of Jenkins's Ear

15. For ten points each, name the famous fractals.

[10] These fractals are sets of initial points that do not approach infinity after repeated iterations of a polynomial function. To get pretty ones, z must usually be a complex number.

ANSWER: Julia Set (prompt on Julia)

[10] This fractal, a particular type of Julia set, can also be created by removing the middle third of an interval, and then removing the middle third of each resulting subinterval, repeated on to infinity.

ANSWER: Cantor Set (prompt on Cantor)

[10] This set is a graph of all connected Julia sets. It looks rather like a fuzzy cardioid with a circle on top.

ANSWER: Mandelbrot set (prompt on Mandelbrot)

16. Answer the following about the Revolutions of 1848, FTPE

[10] In Hungary, this nationalist formed a breakaway government and proclaimed his nation's independence. His extreme nationalism alienated ethnic minorities, who with the aid of Russo-Austrian forces ousted him in 1849.

ANSWER: Louis Kossuth

[10] An early advocate of Italian unification, he was elected president of the Roman republic following the flight of Pope Pius IX. Even though his dream was ostensibly realized, the unification of Italy in 1861 under King Victor Emmanuel II was abhorrent to this ardent republican.

ANSWER: Giuseppe Mazzini

[10] In France, this man and his socialist followers deposed Louis Philippe and formed a republican government. His social workshops were a complete disaster and the ensuing civil strife led to the election of Louis Napoleon Bonaparte in June of the same year.

ANSWER: Louis Blanc

17. FTPE, give a year, name the winner of the Nobel Prize in Literature

[10] 1990

ANS: Octavio Paz

[10] 1982

ANS: Gabriel Garcia Marquez

[10] 2001

ANS: Sir V.S. Naipaul

18. Towards the beginning of the high Middle Ages, a plethora of Classical works were rediscovered. FTP each, answer these related questions.

[10] This Muslim philosopher, an inhabitant of Andalusia during the 12th century, translated much of Aristotle's work, making it available to the Latin West for the first time in more than a millennium. Name this "Great Commentator".

ANSWER: **Ibn Rushd** (also accept **Averroes**)

[10] In 1277, the Catholic Church issued a condemnation of this movement, being taught at the University of Paris. Its main figures were Siger of Brabant and Boetius of Dacia.

ANSWER: **Latin Averroism**

[10] This Dominican, who held an unusual two professorships at the University of Paris and wrote prodigiously on Aristotle, giving name to a philosophical movement that persists to this date, is also associated with the condemnation despite having died 3 years earlier.

ANSWER: St. **Thomas Aquinas**

19. 30-20-10, name the Frenchman:

[30] He originally enlisted as a cavalryman in the French army. He quickly rose through the ranks and was made Duke of Elchingen in 1805.

[20] In 1815, he was sent by Louis XVIII to halt Napoleon's advance on Paris, instead he deserted and joined the army of the usurper.

[10] On June 16, 1815, the Duke of Wellington smashed this man's army at the Belgian village of Quatre-Bras.

ANSWER: Marshal Michel **Ney**

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

[30] **Moveable Feast**

[20] **Green Hills of Africa**

[10] **Snows of Kilimanjaro**

ANSWER: Ernest **Hemingway**

21. For 10 points each, answer these questions about French cinema.

[10] Co-founder of the groundbreaking magazine "Cahiers du Cinema", this man was instrumental in elevating film to a high art, perhaps the most influential person in film writing and criticism.

ANSWER: Andre **Bazin**

[10] This movement was born as a reaction against the French studio system, lasting from 1958 to 1964. Prominent members include Jean-Luc Goddard, Francois Truffaut and Claude Chabrol.

ANSWER: **French New Wave** (also accept **La Nouvelle Vague**)

[10] The film that set the tone for the French New Wave, this 1959 work by Goddard features a Parisian protagonist who kills without remorse and falls in love with an American girl, a film that intentionally mocks Hollywood conventions.

ANSWER: **"A bout de souffle"** (also accept **"Breathless"**)

22. Given a description, give the common name of the aromatic compound, for 15 points each.

[15] A white, crystalline substance derived from salicylic acid, with the chemical formula $C_9H_8O_4$.

ANSWER: **Aspirin** or **acetylsalicylic acid**

[15] A sooty, icosahedral molecule consisting entirely of carbon, with chemical formula C_{60} .

ANSWER: **buckyballs** or **buckminsterfullerene** (prompt on fullerene)