

**DSHIT 2002 - Round 1.** Questions by the University of Virginia.**Tossups:**

1. He was born as the eldest son of a stonemason in such frail condition that the doctors first thought he was dead. He later apprenticed as an architect, but always yearned to find a job that afforded him more time to write. His first novel, *Desperate Remedies*, was published in 1871, and a long career of writing novels and poetry ensued. FTP, name this British author of *Jude the Obscure* and *Far From the Madding Crowd*.

ANSWER: Thomas Hardy

2. David Livingstone explored part of this country. Scottish missionaries became the dominant western influence, however, and managed to restrict the war-like Ngoni people who lived in the area. The country was merged with Rhodesia until 1961, when a local group urged they separate. Also that year, Hastings Banda started working for this country's independence from Britain; now he is president for life. FTP, name this country, formerly called Nyasaland.

ANSWER: Malawi

3. They were first discovered by Anderson and Neddermayer in 1936, and were originally classified incorrectly. After the pion was found the next decade, the problem was corrected. These particles can be substituted in place of an electron in an atom, but are not as stable as electrons, having 207 times their mass. FTP, name these particles, very heavy leptons, whose name comes from the 12<sup>th</sup> letter of the Greek alphabet.

ANSWER: muons

4. This man was born in Cato, Wisconsin. He was working at the University of Chicago when we wrote his first and most famous book. He critiqued the Capitalist social and economic system, but did not advocate any of the various reforms popular at the time. In 1898 he wrote the paper "The Barbarian Status of Women", providing a socio-economic explanation for the subjugation of women in culture. The very next year he published his most celebrated book, where he coined, among other terms, "pecuniary emulation". FTP, name this economist who, in 1899, wrote "The Theory of the Leisure Classes."

ANSWER: Thorstein Bunde Veblen

5. As a young man, he found he could not relate to any current forms of drama, so he endeavored to make his own. His works often portray a bleak view of society, and, angered with a lack of support for his plays, he wrote *The Master Builder* in 1892 to voice those feelings. He was never truly appreciated in his lifetime, but is now seen to have had a major effect on modern drama. FTP, name this playwright, the author of *An Enemy of the People*, and *A Doll's House*.

ANSWER: Henrik Johan Ibsen

6. After the collapse of the Ashikaga Shogunate, three men emerged to unite Japan. Oda Nobunaga started the process, and he asked Toyotomi Hideyoshi, plus this man, to join him in their efforts. The other two men died before they were able to complete the domination of Japan. The Battle of Sekigahara, in 1600, cemented his control. He was given the title Shogun in 1603, and his descendants would rule Japan for the next 250 years. FTP, name this man, who started the Tokugawa shogunate.

ANSWER: Tokugawa Ieyasu (prompt on "Tokugawa")

7. These were first discovered by the Geiger counter on board Explorer I, when their namesake scientist postulated that the reason that his detector had so few hits was because the device was over-saturated. Explorer 3, with a better detector, showed that indeed there were a huge number of charged particles trapped in the Earth's magnetic fields. These magnetic fields protected the surface of the Earth from the solar wind's radiation and solar flares. FTP, give the name of these doughnut-shaped belts of radiation.

ANSWER: Van Allen Belts

8. This man was named for a character played by Marlon Brando in the 1958 film "The Young Lions." He also has a 6000-gallon fish tank in his house, something no other NBA player probably boasts. He has had a rather mediocre career in the NBA, despite being NCAA Player of the Year his senior year. FTP, name this forward, currently playing for the Washington Wizards, who is most famous for his last-second shot lifting Duke over Kentucky in the 1992 NCAA East region championship.

ANSWER: Christian Laettner

9. This book's final edition contains 5 chapters, although the fifth was not published until 39 years after the first four. Its author studied at Yale and Cambridge before becoming a journalist and magazine correspondent during World War II. It features characters such as the Jesuit priest Father Kleinsorge and personnel clerk Toshiko Sasaki, documenting a particular life-changing event. FTP, name this book by John Hersey describing the events of August 6, 1945.

ANSWER: Hiroshima

10. This man was elected to the 2<sup>nd</sup> Continental Congress, but was too busy as a bad general to sign the Declaration of Independence. He was elected the first governor of New York, and presided over the state's Constitutional Convention, where he opposed the constitution. He eventually had to ratify it, when 9 other states did. He was elected vice president in 1804, and, after failing to get the nomination in 1808, served another term as vice president, but for James Madison this time. FTP, name this politician who was not part of the Parliament of Funk.

ANSWER: George Clinton

11. This constant is equal to  $8.85 \times 10^{-12}$  Coulombs squared, divided by Newton meters squared. It is found in numerous equations, normally with a  $4\pi$  next to it, which makes cancellation possible over a spherical surface. Without the  $4\pi$ , it is found in the equation for the capacitance of two parallel plates. FTP, name this constant, which connects force, electric charge, and distance, symbolized  $E_0$  (e-naught).

ANSWER: Permittivity of Free Space (do NOT accept permeability, that is magnetic fields)

12. This artist, often considered a romanticist, has also been credited with later inspiring Impressionists. By 1815, he was under the tutelage of Pierre-Narcisse Guerin, kicking off a career that included over 850 paintings. His 1824 work *Massacre at Chios* was purchased by the French government for 6,000 francs. However, he is probably most famous for some of his later works, including the Lord Byron-inspired *Death of Sardanapalus*. FTP, name this painter of *Liberty Leading the People*.

ANSWER: Ferdinand-Victor-Eugene Delacroix

13. This letter, dictated to Tertius, is most commonly seen divided into 16 chapters. Its author expresses a desire to visit the recipients of the letter on his way west, and also expounds a lengthy argument for his distinctive theological views, based around a quote from Habakkuk about righteousness through faith. FTP, name this epistle, widely believed to be the last extant letter of Paul, which is found right after Acts in the New Testament.

ANSWER: Romans

14. Her sarcastic tone and strange sense of humor have earned her various nicknames from the critics including "Medusa" and "quiet Mata Hari." Over the past few decades she has been prolific, producing fiction, poetry and children's books. Residing in Toronto, this author is active in speaking out for various causes with her writing. FTP, name this woman, the author of the recent novel *Alias Grace*, and *The Handmaid's Tale*.

ANSWER: Margaret Atwood

15. This man made his film debut in 1978's "Towing." He had already started a very fruitful work with David Mamet, part of his "Chicago Mafia," winning a Tony for his work in "Glengarry Glenn Ross." He won fame as a writer for his "Bleacher Bums." It was as an actor that he was most successful. After small roles in *Soap*, *The Three Amigos*, and other movies, he had a role as a gangster in *Godfather III* and a cop in David Mamet's *Homicide*. He landed the lead in "Searching for Bobby Fisher" and "The Last Don." For ten points, name this actor currently appearing on "First Monday."

ANSWER: Joe Mantegna

16. Compounds of this type most typically undergo electrophilic substitution, but not addition reactions. Heteroatoms may or may not be present in these compounds, in which pi electrons figure prominently. Examples would include furan and toluene. Distinct from aliphatic compounds, FTP, name this type of compound, whose name derives from the fact that they have recognizable odors.

ANSWER: aromatic

17. Founded in 1883 as the proposed capital of a temperance colony, this city's name was derived from a Cree Indian word for a local edible red berry, and is now located at the heart of the world's largest uranium mining area. Located on Trans-Canadian Highway 16, south of Prince Albert and north of Swift Current, it straddles the south branch of its province's namesake river. FTP, name this largest city of the province of Saskatchewan.

ANSWER: Saskatoon

18. During their reign, pairs of them were associated with the planets known to exist at the time. A great many of them existed, including some that there is little information about, like Coeus and Crius. Their offspring include naiads, the Fates, and the Muses, among others. FTP, name this group of "elder gods" who were cast into Tartarus after losing a battle with Zeus' Olympians.

ANSWER: Titans

19. These proteins come in many different classes, primarily based on glycosylation differences in the F-c region. As of yet, type 'D' has no known function. 'M' is always found as a pentamer, and 'A' is typically found as a dimer. The molecules are

symmetrical, having four subunits linked by disulfide bridges. FTP, name these bivalent serum proteins, collectively known as immunoglobulins, which have a distinctive 'Y' shape.

ANSWER: **antibodies** (accept "immunoglobulin" before it is mentioned)

20. This man was born to an aristocratic family, and the Emperor Hadrian was so taken with him that he forced his heir, Antonius Pius, to adopt him. His rule coincided with the beginning of the Great Migration through central Europe, as tribes like the Vandals crossed the Danube for the first time. He also had to deal with a Parthian rebellion in the Orient, which cost him an entire legion in one battle. FTP, name this stoic philosopher emperor, who, so far as we know, never wanted Russell Crowe to inherit his empire.

ANSWER: Marcus **Aurelius**

21. This poem is most likely a blending of the actual actions of the title character and some of another woman in another part of the city. It describes the events of one day amid "the clustered spires of Frederick" in 30 rhyming couplets. FTP, name this poem by John Greenleaf Whittier about an old lady who defied Stonewall Jackson's rebel army.

ANSWER: **Barbara Frietchie**

22. This man was born with a defect of some type on his skull; that's why he was always sculpted wearing a helmet to hide it. His early political career was under his mentor Ephialtes. After Ephialtes was killed in an assassination, he became the leading political figure of his era. He supported Athens' ill-fated Egyptian expedition and the First Peloponnesian war. After that war ended he used the money from the Athenian Empire to build glorious new buildings on the Athenian Akropolis. FTP, name this great leader of Athens who died in 429 BC of the plague.

ANSWER: **Pericles**

23. This movement was most pronounced in the 15<sup>th</sup> and 16<sup>th</sup> centuries. No one knows why it happened, but it was discovered by Danish linguist Otto Jespersen. It is responsible for the different vowel pronunciations of serenity and serene, because it only affected long vowels, leaving short vowels unchanged in English. FTP, name this change, which caused long vowels to be pronounced differently from the way they are in Romance languages.

ANSWER: **Great Vowel Shift**

24. This band's name originally came from a critic's derision of one of their remakes of a Beach Boys song. In 1993, the duo released the hit single "The New Wave," and was later signed to Virgin Records, releasing their first LP, *Homework*. FTP, name this Parisian dance music duo is probably most famous for their recent release, *Discovery*, featuring the song "One More Time."

ANSWER: **Daft Punk**

25. This song was written in 1982. The author, who runs a series of fiddle and dancing workshops in the title town in the Catskill mountains, was feeling sad about leaving his summer activity and returning to New York City for his real job. The song was first recorded in 1983 by his band Fiddle Fever on their album "Waltz of the Wind." First used in a documentary about Huey Long, it became famous in another. FTP, name this song played for 59 minutes and 11 seconds during Ken Burns' *The Civil War*.

ANSWER: **Ashokan Farewell**

26. He is still staging opera performances in Europe and US, despite being over 79 years old. He is more famous, however, for his visually elaborate films, mostly adaptations of Shakespeare and operas, like 1982's *La Traviata* featuring Plácido Domingo. He currently has a film about Maria Callas in production. FTP, name this director of Mel Gibson in *Hamlet* and *Tea With Mussolini*.

ANSWER: G. Franco **Zeffirelli**

27. This narrow strip of land, 1200 miles long, is claimed by Britain, which calls it Trinity Peninsula; Argentina, which calls it San Martín Land; and Chile, which calls it O'Higgins Land. The US named it the Palmer Peninsula, after Nathaniel Palmer, who explored it in November 1820. For ten points, give the name by which this spit of land has been known since the 1964 Antarctica Treaty Consultative Meeting, the tip of which is 670 miles from Cape Horn.

ANSWER: **Antarctic Peninsula** (accept **Palmer Peninsula** before mentioned)

**Bonuses:**

1. Everyone loves a good rock question. This is not one of them. FTPE, name the rock.

[10] This rock is made primarily plagioclase, pyroxene, and olivine. It is glassy in appearance and is the most common type of igneous rock.

ANSWER: **Basalt**

[10] This anorthosite is found in plagioclase feldspar. Part of its name is an abbreviation of its chemical composition, Potassium, Sodium, and Rare Earth Elements

ANSWER: **Kreep Norite**

[10] This sedimentary rock is divided into three types: quartz arenite, arkose, and graywacke. Arkose is primarily made up of feldspars, and graywacke is made up of smaller rocks.

ANSWER: **Sandstone**

2. 30-20-10-5, name the man:

[30] At the 2002 Winter Games, he was one of the 8 to carry in the Olympic flag, representing the continent of Europe.

[20] He worked until 1976 as an electrician at the Lenin Shipyards, when he was fired for political agitation.

[10] In 1980 he returned as a negotiator for a new labor union at the shipyards in Gdansk.

[5] He was the first president of independent Poland.

ANSWER: Lech **Walesa**

3. Given information about the book, name the Kurt Vonnegut novel for increasing point values.

[5] For five, this novel centers around Billy Pilgrim, a young infantry scout captured at the Battle of the Bulge. The book also features the Tralfamadorians, a unique alien race able to see in four dimensions.

ANSWER: **Slaughterhouse-Five**

[10] For ten, this novel features the exploits of the narrator, John, to write a book about the atomic bomb dropped on Hiroshima. In order to do this, he interviews many people who were involved in the creation of the bomb, and learns about ice-nine, an even greater threat to humanity.

ANSWER: **Cat's Cradle**

[15] For fifteen, this novel focuses on the life of engineer Paul Proteus in a world run by machines.

ANSWER: **Player Piano**

4. Answer these questions about primate species, 5-15-10 basis.

[5] Diane Fossey studied these large monkey relatives in Rwanda, which became a major motion picture after she was murdered.

ANSWER: **Gorillas**

[15] This monkey species seems to use sex instead of aggression, and has sex far more often than it has children, much like humans.

ANSWER: **Bonobo**

[10] These primates, found only in Madagascar, eat only leaves. In order to balance their diet, they have to eat many different types of leaves to survive. Variants include the ring-tailed and Sifaka.

ANSWER: **Lemur**

5. Since Napoleon, the French have not had much luck in the military arena.

[10] For ten points, name the climactic battle of the Franco-Prussian war, which saw the French army surrender along with Napoleon III after Marshal MacMahon was wounded.

ANSWER: Battle of **Sedan**

[10] For another ten points, while the Germans were marching through Belgium as part of the Schlieffen plan, the French army was busy dying for no gain in an effort to recapture these two provinces lost in the Franco-Prussian war.

ANSWER: **Alsace-Lorraine**

[10] For a final ten points, Heinz Guderian's panzers crossed the Meuse river near this town after crossing the Ardennes forest in 1940, leading to the encirclement of the best French and British troops and the evacuation of Dunkirk.

ANSWER: **Sedan**

6. Answer the following questions about the following passage FTP each:

"Smart lad, to slip betimes away/ from fields where glory does not stay/ and early though the laurel grows/ it withers quicker than the rose"

[10] First, what is the title of the poem that features these lines?

ANSWER: **To An Athlete Dying Young**

[10] Who wrote "To An Athlete Dying Young"?

ANSWER: Alfred Edward Housman

[10] From which collection of poetry, probably A.E. Housman's most famous, did "To An Athlete Dying Young" come from?

ANSWER: A Shropshire Lad

7. F15PE, name these numbers of materials science.

[15] This is the ratio of stress to strain along the load plane in the loading direction. It is symbolized by a capital E.

ANSWER: Young's Modulus

[15] This is the ratio of lateral strain to axial strain, symbolized  $\nu$  (nu). Its maximum is  $\frac{1}{2}$  and its minimum is negative one.

ANSWER: Poisson's Ratio

8. Given a famous painting, name the artist for five points apiece, with a five point bonus for all correct

[5] *Las Meninas*

ANS: Diego Velazquez

[5] *The Blue Boy*

ANS: Thomas Gainsborough

[5] *The Scream*

ANS: Edvard Munch

[5] *The Potato Eaters*

ANS: Vincent Van Gogh

[5] *Breezing Up (A Fair Wind)*

ANS: Winslow Homer

9. Given an NFL Superbowl MVP, name the team he won his MVP with for five points apiece.

[5] Terrell Davis

ANS: Denver Broncos (accept city or name for all)

[5] Larry Brown

ANS: Dallas Cowboys

[5] Larry Csonka

ANS: Miami Dolphins

[5] Bart Starr

ANS: Green Bay Packers

[5] Doug Williams

ANS: Washington Redskins

[5] Fred Biletnikoff

ANS: Oakland Raiders

10. With a name like "The Long March", you know it has to be fun!

[5] For five points, give the name of the communist who led the CCP during the march.

ANSWER: Mao Zedong

[5] For another five, give the name of the Kuomintang leader who was universally recognized, even by the USSR, as the leader of China at the time.

ANSWER: Chiang Kai-Shek

[10] For ten points, give the name of the province that the Long March started out in, in the southern part of China near Shanghai.

ANSWER: Jiangxi (pron: Jyang-shee)

[10] For a final ten points, give the name of the province that the Long March ended up in, in the barren desert in the north of China.

ANSWER: Yunan

11. Given a list of characters, name the Charles Dickens novel FTP each.

[10] Miss Havisham, Pip and Estella

ANSWER: Great Expectations

[10] Mr. Bounderby, Louisa Gradgrind, Mrs. Sparsit

ANSWER: Hard Times

[10] Mr. Chillip, Richard Babley, Uriah Heep

ANSWER: David Copperfield

12. FTPE, answer the following questions about plant phytohormones.

[10] This is the most widely studied phytohormone. It is responsible for stimulating cell division, elongation and differentiation, and its effect is mainly based on a balance with cytokinins.

ANSWER: auxin

[10] This 15-carbon molecule is largely responsible for promoting bud dormancy. It is formed in the same biosynthetic pathway that creates gibberellic acid.

ANSWER: abscissic acid

[10] This compound, the only phytohormone known to exist as a gas, is largely responsible for stimulating fruit to ripen

ANSWER: ethylene

13. You will be given a band, then a list of albums. FTP apiece, tell which was NOT an album made by that band.

[10] Oasis: Definitely Maybe, What's the Story Morning Glory, Odds & Sods

ANSWER: **Odds & Sods**

[10] Better Than Ezra: Deluxe, Feeling Strangely Fine, Closer

ANSWER: **Feeling Strangely Fine**

[10] Powerman 5000: Tonight the Stars Revolt!, Wisconsin Death Trip, Mega!! Kung Fu Radio

ANSWER: **Wisconsin Death Trip**

14. Given a mountain range, give the state that its northern end is located in, FTPE.

[10] Brooks Range ANS: **Alaska**

[10] Sierra Nevada Mountains ANS: **California**

[10] Clearwater Mountains ANS: **Idaho**

15. Name these figures from the impeachment of Andrew Johnson on a 5-10-15 basis.

[5] This Chief Justice presided over the impeachment.

ANSWER: Salmon P. **Chase**

[10] This was the bill over whose enforcement Congress impeached President Johnson, when he tried to fire Secretary of War, Edwin Stanton.

ANSWER: The **Tenure of Office Act**

[15] This man, a Kansas Republican, the swing vote on the impeachment, who voted against it, was never elected again, and died in complete poverty. He was memorably chronicled by Kennedy's ghostwriter in Profiles in Courage

ANSWER: Edmund G. **Ross**

16. For five points apiece, given a chemical compound, tell how many carbon atoms it contains.

[5] Ethane ANS: **2**

[5] Octane ANS: **8**

[5] Acetone ANS: **3**

[5] Benzene ANS: **6**

[5] Furan ANS: **4**

[5] Fructose ANS: **6**

17. Given the title of one of the novels on the Modern Library's 100 best list, name the author for five points apiece.

[5] *The Wings of the Dove* ANS: Henry **James**

[5] *Main Street* ANS: Sinclair **Lewis**

[5] *As I Lay Dying* ANS: William **Faulkner**

[5] *I, Claudius* ANS: Robert **Graves**

[5] *Pale Fire* ANS: Vladimir **Nabokov**

[5] *The Wapshot Chronicles* ANS: John **Cheever**

18. The Catholic Church has recently been in a lot of trouble because of sexual abuse.

[5] For five points, give the name of the archdiocese where a priest has recently been sentenced to 9-10 years in jail for fondling young boys.

ANSWER: Archdiocese of **Boston**

[10] For 10 points, give the name of the priest, accused of fondling or raping more than 130 boys, facing over 80 civil suits and 2 more criminal trials

ANSWER: John **Georghan**

[15] For 15 points, give the name of the Archbishop of Boston, the senior Catholic Church official in the US, who is facing severe public opinion because he withheld the names of 90 suspected pedophiliac priests in his region.

ANSWER: Bernard **Law**

19. Given a Latin American dictator, name the country he repressed, FTPE.

[10] "Baby Doc" Duvalier ANS: **Haiti**

[10] Anastasio Somoza ANS: **Nicaragua**

[10] Porfirio Diaz ANS: **Mexico**

20. [3x5] For five points apiece, name the three stars which make up the asterism, the summer triangle.

ANSWERS: **Vega**, **Deneb**, and **Altair**

[3x5] For another five points apiece, in any order, name the three constellations containing those stars.

ANSWERS: **Lyra**, **Cygnus**, and **Aquila**

21. Answer these questions about the Jewish calendar FTP each.

[10] How many months are there in a regular Jewish calendar year?

ANSWER: Twelve

[10] Which month does Hanukkah fall in?

ANSWER: Kislev

[10] Which month is home to the Jewish new year, Rosh Hashanah?

ANSWER: Tishri

22. Given the real name of an author, give his or her most common pseudonym, FTPE.

[10] Samuel Clemens

ANS: Mark Twain

[10] Mary Ann Evans

ANS: George Eliot

[10] Eric Arthur Blair

ANS: George Orwell

23. For SPE, with a 5 point bonus for all correct, is this part of either the GDP, the GNP, both, or neither?

The money saved by eating at home instead of going out for dinner

ANSWER: Neither

Profits from an oil well in Nigeria owned by Exxon.

ANSWER: GNP

The Air Force spends 500 dollars to buy a hammer from Northrop-Grumman

ANSWER: Both

Forrest Gump buys Apple stock.

ANSWER: Both

The money that goes to Japan because of a Toyota plant in Kentucky.

ANSWER: GNP

24. FTP each, given an opera, name its composer.

[10] *Aida*

ANS: Giuseppe Verdi

[10] *Parsifal*

ANS: Richard Wagner

[10] *Fidelio*

ANS: Ludwig van Beethoven

25. Maryland men's basketball has long been more about "what-if" than actual court performance. FTPE:

[10] This center, one of the most dominant centers in NBA history, was drafted by the ABA directly out of high school, so even though he signed to play for Maryland in 1974, he never played a game for them.

ANSWER: Moses Malone

[10] In 1974 Maryland lost out again, when this team, the eventual national champion, beat them in the ACC Tournament finals in overtime, 103-100. This was the last year that you had to win your conference championship in order to make it to the NCAA tourney.

ANSWER: North Carolina State University

[10] In 1993 Maryland recruited McDonald's All American Keith Booth, but he was overshadowed for his first two years by this man, who left Maryland after two years to be the number one pick in the NBA draft.

ANSWER: Joe Smith