## **DSHIT 2002 Round 8** – Questions by UMD: Maureen Smith & Dan Greenstein **Tossups**

1. Scoundrel Time is an account of the communist witch hunts of the 1950s. Living with Dashell Hammett for a number of years, her memoirs are included in An Unfinished Woman and Pentimento, but she is better known for her dramatic works. The havoc resulting from accusations of lesbianism is the subject of her first play, 1934's The Children's Hour. FTP, name this American playwright of Watch on the Rhine and The Little Foxes.

ANSWER: Lillian Hellman

2. Apprenticed to a bookbinder at the age of 14, this scientist had little formal education, but nonetheless by the age of 42 became Fullerian professor of chemistry at the Royal Institution. Although the assistant to Sir Humphrey Davy, he never had any pupils himself, and had only one long-suffering assistant. Among his discoveries are chlorocarbons, benzene, and the dynamo, but he is better remembered for his work on electrical induction. FTP, identify this scientist and namesake of a cage, constant, effect, and law.

ANSWER: Michael Faraday

3. This holiday is mentioned as of general observance for both clerics and faithful in the Synod of Beneventum in 1091, but Aeflric mentions it a century earlier in the case of the man who did not observe it and was killed by a wild boar. Traditionally held three days after Quinquagesima, the palms of the Palm Sunday the previous year are burnt and placed in the shape of a cross on the place of tonsure of clerics and the foreheads of the faithful. FTP, identify this Christian holiday in many faiths, the day after Shrove Tuesday, that marks the beginning of lent.

ANSWER: Ash Wednesday

4. This statesman served for several years under General Andrew Jackson during the War of 1812, and later became a painter in Florida where he alienated Jackson by supporting nullification. He became president of the South Carolina Railroad Company, where he aspired to knit the south to the west to stop the dependency on the north. He was later appointed as ambassador to Mexico by Franklin Pierce to negotiate a sale of 76,767 square kilometers in the Mestilla Valley, south of the Gila River. FTP, name this man, whose name is lent to the purchase of that parcel of land.

ANSWER: James Gadsden

5. Founder of the world university Santiniketan, his early work was praised by Ezra Pound and W.B. Yeats, who wrote the introduction to his 1912 work *Gitanjali*. Winner of the 1913 Nobel Prize in literature, this Bengali poet renounced his knighthood in 1919 over British repressive measures in the Punjab. FTP, name this Indian poet, who wrote such works as *The Crescent Moon* and *Farewell My Friend* as well as his poems set to music, *Ravindragsangeet*.

ANSWER: Rabindranath Tagore

6. This monarch was raised by his aunt, Margaret of Austria, who was his regent before he came of age at 15. He defeated Francis I of France once in 1520 to become Holy Roman Emperor, and again defeated him at the Battle of Pavia for the possession of Italy. He inherited his kingdom from a variety of relatives: Germany, with the death of his Grandfather Maximilian I, and Spain, Naples, and Spanish America from his other grandfather Ferdinand of Aragon. FTP, identify this ruler, son of Philip the Handsome and Joanna the Mad.

ANSWER: Charles V or Charles I of Spain

7. The terms Jet Propulsion Lab scientists use to describe features on this satellite include "racetrack," "layer cake," and "chevron." Discovered by Gerard Kuiper in 1948, the need for a gravitational boost required Voyager 2 to pass very close to this moon in January 1986. FTP, name this innermost major satellite of Uranus, the namesake of Prospero's daughter in "The Tempest."

ANSWER: Miranda

ANSWER: Immanuel Kant

8. The impact of this man's philosophy prompted the founding of two schools of thought: the Marburg school and the Heidelberg school. He rejected Hume's skepticism, and instead felt that the field of knowledge is limited to phenomena, or objects of experience. He termed his insights "the Copernican revolution in philosophy", and these insights are expounded in such works as *Prolegomena to Any Future Metaphysics*, and *Foundations of the Metaphysics of Morals*. FTP, identify this philosopher and author of *Critique of Pure Judgement* and *Critique of Pure Reason*.

9. Some of the main character's cohorts include her ex-lover Francois Du Marier and Asian mastermind Avery Ko. With her partner Nigel Bailey, played by Christien Anholt, and her friend Claudia, played by Lindy Booth, she travels across the world

searching for items like the alms bowl of Siddartha. The title character is played by Tia Carrere, FTP, in what show, a cheap knock-off of Tomb Raider?

ANSWER: Relic Hunter

10. This painting was inspired by a visit to Eldon, Iowa, by the artist with his friend John Sharp. While there he discovered a house with "pretentious" windows and sketched the house on the back of an envelope. In this painting, the artist's sister Nan posed with his dentist, Dr. B. H. McKeeby, as a sour faced farmer and his daughter, but most people interpret the pair as husband and wife. FTP, identify this 1930 painting by Grant Wood.

ANSWER: American Gothic

11. A vessel is filled with vapor mixed with liquid and a non-condensing gas, and brought into a supersaturated state by expansion. Cycles of decompression and recompression cause droplets to form and fall by gravity to the bottom of the container when ions are hit by passing charged particles. Also known as a Wilson chamber, FTP, name this device that is used to photograph sub-nuclear collisions, successor to the bubble chamber.

ANSWER: cloud chamber

12. The daughter of this leader became vice president of her country under Abdurrahman Wahid in 1999, and now leads as president, ironic, in that this man had declared himself president for life in 1963. He led many raids against the Dutch in the late 1920s, and eventually expelled them by cooperating with the Japanese during WWII. He opposed the British-led Malaysia, and resigned from the League of Nations after that country's admittance. FTP, identify this first president of Indonesia who was deposed by General Suharto in 1965.

ANSWER: Sukarno

13. Most of this poet's work is in elegiacs, but the exceptions include the fragment *Halieutica*. In 8 AD he was exiled to Tomis where he wrote *Tristia* and the *Epistulae ex Ponto*, or *Letters from the Black Sea*. His love poetry extols the charms of his lover Corinna, probably a compilation of many women, but his is better known for his mythological works including the *Fasti*. FTP, identify this author of *Ars Amatoria* and *Metamorpheses*.

ANSWER: Publius Ovidius Naso

14. First described by Emil Kraepelin in the late 1890s, the name for this disease was coined by Eugen Bleuler who diagnosed Vaslav Nijinsky with it. It can be treated by blocking the dopamine received by the mesolimbic pathway, and during episodes the hippocampus, amygdala and the thalamus are all activated. FTP, name this disease whose most famous sufferers include Zelda Fitzgerald and John Nash.

ANSWER: Schizophrenia

15. This opera was inspired by the play La dame aux camélias by Alexandre Dumas fils, and the libretto is by Francesco Maria Piave. Among the arias in this opera are "Parigi, o cara", "Sempre Libera", "Amami, Alfredo" and "Libiamo ne' lieti calici". FTP, identify the Verdi opera about Violetta Valéry, whose title roughly translates as "The Fallen Woman".

ANSWER: La Traviata

16. Also known as *A Pure Woman*, the misunderstood title character of this 1891 novel is arrested and hanged after killing Alec, a former lover from the title family. She finds comfort in the rector Angel Clare, and they marry, but he deserts her when he learns of her sinful past. FTP, a young woman with surname Durbeyfield is the main character in this novel by Thomas Hardy.

ANSWER: Tess of the D'Urbervilles

17. The upper portion of this river is known as the Krocodil or Crocodile, and its chief tributary is the Olifants. It flows 1,770 miles in an arc, first north, forming part of the South Africa—Botswana border, then east, forming the South Africa—Zimbabwe border, and finally southeast through Mozambique to the Indian Ocean. FTP, identify this river in Africa.

ANSWER: Limpopo River

- 18. This substance is sold as a dietary supplement in a salt form of a similarly named acid. It can be converted to lactate at the end of glycolysis, oxidized into acetyl CoA to be used in the citric acid cycle (to provide ATP for energy), or be converted to glucose via gluconeogenesis. FTP, name this three-carbon compound formed from glucose in the glycolytic pathway.

  ANSWER: pyruvate
- 19. Introduced in a commencement address on May 22, 1964, this program manifested itself in a variety of ways: two major civil-rights acts, the Economic Opportunity Act, two education acts, the creation of Job Corps, Operation Head Start,

Volunteers in Service to America (VISTA), Medicaid, and Medicare. Called "a war on poverty", this is, FTP, what economic program of Lyndon Johnson?

ANSWER: Great Society

20. Ending with a riot at a movie premiere and featuring the burning of Los Angeles, this novel, whose protagonist is a Yale graduate who yearns to learn costume and set design, unveils the pitiful lives of those who inhabit Hollywood, including the man described as "an exact model for the kind of person who comes to California to die," Homer Simpson. FTP, name this 1939 work whose protagonist is Tod Hackett, a novel by Nathaniel West.

ANSWER: The **Day of the Locust** 

21. The main character of this novel fancies Lucy Morgan, despite that she sees through his pretensions. George is the grandson of a prominent member of a Midwestern town, he dismisses most people as being riff raff and unsuitable with whom to hold a conversation. By the end of the novel he has taken on a more wholesome attitude about life, and the town no longer worships the great family from which the title of the book is derived. FTP name this novel by Booth Tarkington, which won the Pulitzer prize in 1919.

ANSWER: The Magnificent Ambersons

22. His early work in stereochemistry explained optical activity in terms of the tetrahedral bonding of carbon. He later introduced modern concepts of chemical affinity and advanced understanding of electrolytes. FTP, name this first winner of the Nobel Prize in chemistry, the Dutch physical chemist who related the equilibrium constant to temperature, and namesake of the equations relating osmotic pressure to mole fraction of solute.

ANSWER: Jacobus van't Hoff

23. Elvis Presley played here. Lew Alcindor and Power Memorial were upset by DeMatha here. It was the site of the first televised women's basketball game, and the "game that changed everything" between Kentucky and Texas Western was played here during the 1966 Final Four. FTP, Andre Collins scored the final three points of what 47-year-old arena that hosted its final men's basketball game last Sunday?

**ANSWER: Cole Field House** 

## **Bonuses:**

- 1. Identify the following about the movement for Philippine Independence, TPE.
- [10] He led an insurrection against Spain in 1896 and later Aided when the Spanish American War broke out, but from 1899 to 1901 he rebelled against the US. He ran for president in 1835 but was defeated.

ANSWER: Emilio Aguinaldo

[10] The writings of this man include The Lost Eden and El filibusterismo and inspired leaders like Aguinaldo.

ANSWER: Jose Rizal

[10] This is the man who defeated Aguinaldo, and served as the Philippines first president.

ANSWER: Manuel Quezon

2. Roger Bhan is not funny. Given a star, for five points each, identify its associated letter in the Hertzsprung-Russell diagram.

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[5] The Sun	1. 17	F 40 11 11	ANS: <b>G</b>
[5] Betelgeuse			ANS: <u>M</u>
[5] Rigel			ANS: <b>B</b>
[5] Arcturus			ANS: K
[5] Spica			ANS: <b>O</b>
[5] Sirius			ANS: <u>A</u>

3. Answer these questions about men named Ralph Waldo for the stated number of points.

[5] F5P, he is the African-American author of *Invisible Man*.

ANSWER: Ellison

[10] FTP, this posthumously published novel about a New England senator that calls for the old black minister Hickman is also the name of the commemoration of the emancipation of slaves in Galveston, Texas.

ANSWER: Juneteenth

[5] F5P, this "sage of Concord" was the chief spokesman for transcendentalism.

ANSWER: Emerson

[10] FTP, Emerson's first essay sees the title quality as Commodity, Beauty and Discipline.

ANSWER: Nature

4. Identify these works by Wolfgang Amadeus Mozart, TPE.

[10] This work, K. 550, begins with three sets two eighth notes followed by a quarter note, which has sparked fierce debate by conductors as to whether the stress should be on the first note or on the first quarter note.

ANSWER: Symphony in G Minor or Symphony Number 40

[10] This work, K. 626, was his last, and was finished by his pupil Sussmayer.

ANSWER: Requiem

[10] This piece, K. 522 includes formal solecisms and other deliberate mistakes of structure and harmony, and is a re-creation of a work played for and presumably composed by village musicians.

ANSWER: A Musical Joke or Ein musikalische Spass

- 5. Jamie Sale and David Pelletier received their gold medals. Answer these questions about situations where justice was not served for fifteen points each.
- [15] Aleksander Belov scored the winning basket on the Russian's third chance in three seconds against team USA in the gold medal basketball game of these Olympics.

ANSWER: Munich or 1972

[15] This man utterly pummeled his South Korean opponent, but in a shocking decision, the judges awarded the home fighter the gold in 1988.

ANSWER: Roy Jones Jr.

6. Geologic time scale questions! Ten points each:

[10] This era lasted from 550 to 250 million years ago and spanned the period of time between the rise of complex, multicellular organisms and the rise of dinosaurs.

ANSWER: Paleozoic

[10] This period is often divided into two sub-periods, which are known in the U.S. as the Mississippian and Pennsylvanian periods.

**ANSWER: Carboniferous** 

[10] Reptiles expanded, amphibians declined and trilobites finally went extinct in this last period of the Paleozoic era.

ANSWER: Permian

7. Identify the crusade from descriptions, TPE.

[10] Called by Pope Urban II, it was triggered by the rise of the Seljuk Turks who interfered with the traditional pilgrimage to Palestine.

ANSWER: First Crusade

[10] Innocent III and his successor Honorius III preached this crusade which saw King Andrew II of Hungary, Duke Leopold VI of Austria, John of Brienne, and the papal legate Pelasius attack Egypt.

ANSWER: Fifth Crusade

[10] This 1212 crusade was led by Stephen of Cloyes, and most of its proponents were sold into slavery by unscrupulous skippers.

ANSWER: Children's Crusade

- 8. It is Jane Austen geography time! Identify the following estates in *Pride and Prejudice* FTP each.
- [10] This is the name of the estate where Mr. Bingley resides in the first part of the novel.

ANSWER: Netherfield Park

[10] This is the estate of Lady Catherine de Bourge.

ANSWER: Rosings Park

[10] This is the name of Mr. Darcy's estate.

ANSWER: Pemberley

9. Identify the following concerning a character in Norse myth, FTSNOP.

[10] FTP, the son of Firbauti and Laufey, or Nal, this god of strife and spirit of evil is chained to a rock until Ragnarok.

ANSWER: Loki

[3x5 + 5\*] For five points each and a bonus five for all correct, identify the three children of Loki.

ANSWER: Midgard Serpent, Fenris wolf, and Hel

10. Five for one, ten for two, twenty for three and thirty for all four, given an aliphatic compound, tell how many hydrogen atoms it has.

Octane	ANS: <u>18</u>	$(C_8H_{18})$
Cyclohexane	ANS: <u>12</u>	$(C_6H_{12})$
Pentyne	ANS: <b>8</b>	$(C_5H_8)$
Butene	ANS: <b>8</b>	$(C_4H_8)$

11. You'll know it when you see it that you have a clear and present danger of receiving thirty points on this Supreme Court Cases bonus, TPE.

[10] This 1918 decision upheld a 1916 act in which the interstate transport of goods produced in factory by minors is illegal.

ANSWER: Hammer v. Dagenhart

[10] The majority opinion, in the Hammer v. Dagenhart decision, cited this 1824 decision where the laws of New York were "in collision" with that of the nation in granting Robert Livingston and Robert Fulton exclusive rights to the waters in that state.

ANSWER: Gibbons v. Ogden

[10] This 1819 case gave congress the power to incorporate a bank.

ANSWER: McCulloch v. Maryland

12. FTP each, identify these works of the late, great 18<sup>th</sup> century Scottish poet Robert Burns.

[10] The title character attempts to cross the middle of a running stream, but not quite halfway across the bridge, the witch Cutty Sark is able to stop him.

ANSWER: Tam O'Shanter

[10] Found in his Spencerian Stanzas, this 1786 poem describes Scottish peasant life through the character of Jenny.

ANSWER: The Cotter's Saturday Night

[10] This 1794 poem celebrates Scottish independence and the victory of Robert Bruce over England's Edward II at the Battle of Bannockburn.

ANSWER: Scots, Wha Hae

- 13. 30-20-10 name the artist from works.
- [30] The portraits Portrait of a Man, Jacob Pietersz Olyean and Aletta Hanemans
- [20] Hille Bobbe, and Banquet of the Company of St. Adrian
- [10] Jolly Toper, and The Laughing Cavalier

ANSWER: Frans Hals

- 14. Answer the following questions:
- [10] FTP, name the interpreted programming language invented by Larry Wall in 1986.

ANSWER: Perl

[5,5] For five points for every two correct words, expand the acronym Perl.

ANSWER: Practical Extraction and Report Language

[10] For a final ten points, these are the constructs used in Perl to match strings when scanning text files.

ANSWER: regular expressions

- 15. Identify these Chinese Rebellions, TPE.
- [10] This peasant revolt occurred in 184 AD. Those involved followed a specific form of Taoism and named themselves after headpieces named for the color of the soil.

ANSWER: Yellow Turban

[10] Led by Hong Xiuquan, who claimed to be the younger brother of Jesus Christ, this rebellions name translates as, "Great Peace." The Qing (ching) dynasty quelled it with the help of the Hunan Army and the Ever-Victorious Army.

ANSWER: Taiping Rebellion

[10] Backed by the Empress Dowager Cixi the members of this uprising thought that with training they could be immune to bullets. It began in the Shandong province and spread, but it only lasted from 1899-1900.

ANSWER: Boxer Rebellion

16. Identify these rhetorical devices from descriptions, FTPE:

[10] Very similar to metaphor, this is the substitution of one word for another which it suggests. Examples include "The pen is mightier than the sword."

ANSWER: Metonymy

[10] This is a form of metonymy in which either the part is used for the whole, or the whole for the part. An example is "The U.S. won three Gold medals at the Olympics," where US is used in place of the player's name.

ANSWER: Synecdoche

[10] This is the rhetorical repetition of one or several words; specifically, repetition of a word that ends one clause at the beginning of the next. It literally translates as "doubling back".

ANSWER: Andiplosis (not Anaphora)

17. Identify these European Rivers, TPE.

[10] This river in Great Britain rises in four headstreams in the Cotswold Hills, and flows generally eastward across south England and through London to the North Sea at The Nore.

ANSWER: Thames River

[10] This river rises in the Tuscany, and flows south to Arezzo where it turns northwest; it proceeds generally west, through Florence and Pisa, to empty into the Ligurian Sea.

ANSWER: Arno River

[10] The Jalón, the Gallego, and the Cínca-Segre are the main tributaries of this longest river in Spain.

ANSWER: Rio Ebro or Ebro River

18. Identify these songs played at sporting events for the stated number of points.

[5] For 5 points, Maryland alumni complain about the vulgar lyrics the students add to this Gary Glitter franchise. Students from Wake Forest, American, and other universities have recently been heard adding the same lyrics.

ANSWER: Rock and Roll Part 2

[10] FTP, this Blur song was supposed to become the sports anthem of the 1990s. Woohoo.

**ANSWER: Song 2** 

[15] For 15 points, this song by 2 Unlimited is the background of the first half of the Jock Jam mix and was played in many stupid Disney sports movies before giving way to "Who Let the Dogs Out."

ANSWER: Get Ready for This

19. FTP each, name these Southern governors who ran for president in the 20<sup>th</sup> century.

[10] Governor of South Carolina from 1947 to 1951, he ran under the States Rights banner in 1948.

ANSWER: Strom Thurmond

[10] This governor of Alabama was shot in Laurel, MD, in 1972 during his primary campaign for the Democratic Party. ANSWER: George Wallace

[10] This governor of Arkansas during the integration of Central High in Little Rock was on the States Rights ballot in 1960.

ANSWER: Orval Faubus

20. FTP each, identify these Spanish writers.

[10] The winner of the 1956 Nobel Prize in literature, his works include *Platero and I, Diary of a Recently Married Poet* and *Animal del Fondo*.

ANSWER: Juan Ramón Jiménez

[10] This recently deceased novelist fought for Franco during the Spanish Civil War. His works include *The Hive* and *The Family of Pascal Duarte*:

ANSWER: Camilo José Cela

[10] He wrote the collection Gypsy Ballads and the novel Blood Wedding.

ANSWER: Federico García Lorca

21. For fifteen points each, identify these types of theatre.

[15] This brand of theatre is designed to assault the sense and sensibilities of the audience. It takes its name from a manifesto by Antonin Artaud.

ANSWER: theatre of cruelty

[15] Dada and surrealism are visually artistic forms of this type of theatre that characterizes man's helplessness in an unkind and contradictory universe. Major dramatists of the movement include Samuel Beckett, Eugene Ionesco and Guillaume Apollinaire.

ANSWER: theatre of the absurd