

DSHIT 2002 - Round 3. Questions by Emory U, et. al.**Tossups:**

1. A short-story writer, essayist, poet, and inventor of Pierre Menard, the twentieth-century-French author of *Don Quixote*, this author's writings covered a great extent of themes, ranging from fantastic parables like "The Two Kings and the Two Labyrinths," to portrayals of the struggle between realism and romanticism in "The South," to imagined universes like that in "The Library of Babel." FTP, name this Argentinean author and librarian.

ANSWER: Jorge Luis **Borges**

2. Discovered in 1989 by Voyager 2, it is only 58 kilometers in diameter and of irregular shape. Its name derives from the mythical nymphs of springs, brooks, and fountains. FTP name this satellite, the only moon of Neptune to orbit the planet in the same direction that the planet rotates.

ANSWER: **Naiad** [NAY-ed]

3. Versions of these imported from Turkey were the basis for the first real speculative economic bubble of historical note, which lasted from approximately 1620 to 1637, when the market suffered a spectacular crash. The rarest kind featured striking color contrasts caused by mutations from a virus called "mosaic," which caused the petals to develop contrasting "flame" patterns. Buying just one in Amsterdam at the height of the mania might have cost you as much as the purchase of a sailing vessel—though it would have been considerably easier to carry. FTP name these flowers.

ANSWER: **Tulip** (or **Tulip Bulbs**)

4. Cross-dressing and brotherly rivalry abound in this play where two people who seem to be a young man named Ganymede and his sister Aliena come to the Forest of Arden. FTP, name this Shakespearean comedy in which Rosalind and Orlando find true love.

ANSWER: **As You Like It**

5. Of course you've heard of 'The Origin of Species'. But what about 'On the Tendency of Varieties to Depart Indefinitely from the Original Type'? This paper was, in fact, written several years before Darwin's treatise on natural selection, by a fellow English naturalist. FTP who was this man, whose theory of evolution was presented along with Darwin's own by Charles Lyell and Joseph Hooker in 1858?

ANSWER: Alfred Russell **Wallace**

6. This politician's grandfather served as vice-president under Grover Cleveland, leading him to note, "I have a bad case of hereditary politics." A delegate to the UN during the Truman administration, he was later elected governor of Illinois. FTP, name this Democratic presidential candidate twice defeated by Dwight D. Eisenhower.

ANSWER: Adlai E. **Stevenson**

7. Like Miniver Cheevy, he had been born too late. Bearing an odd resemblance to Henry Fonda, he was ostracized from his peers from a young age. It was an IBM machine with a sense of humor that caused him to be promoted while still in aviation cadet training. For ten points, name this fictional commander of the two-to-the-fighting-eighth-power's squadron in *Catch-22*.

ANSWER: Major **Major** Major **Major**

(Note: Prompt on "major." Any number of "Major"s from two to four is acceptable.)

8. This German from Griefswald University worked on three major fields of physical study: the electric currents in gases, spectroscopic analysis, and chemical valency. In his studies of canal rays, he predicted that moving canal-ray particles emit spectral lines that are displaced to the violet end of the spectrum. His observation of this phenomenon won him Nobel Prize in physics in 1919. FTP, name this physicist who demonstrated the Doppler effect in light waves.

ANSWER: Johannes **Stark**

9. Douglas Adams wrote about the Krikkit Wars in *Life, the Universe, and Everything*, but a real-life war over the English sport of cricket erupted here in 1896. Declared a British protectorate in 1890, this island, historically important as a trade route, supported a large industry in cloves. FTP, name this small island off the East African coast, that is now a part of the country of Tanzania.

ANSWER: **Zanzibar**

10. Its inventor jokingly referred to it as a "protein merry-go-round." The first one, measuring five inches in diameter and boosted hydrogen ions to an energy of 80,000 electron volts, was built in 1930, but American physicist Ernest Lawrence didn't receive the Nobel Prize for it until nine years later. FTP name this circular particle accelerator.

ANSWER: **Cyclotron**

11. Six barefoot figures wearing rough robes stand in poses of despair and resignation, each with a rope around his neck. Commissioned in 1884, this sculpture memorializes the French citizens of the title town who volunteered to surrender the keys to the city and be put to death in order to end a siege by King Edward III during the Hundred Years' War. FTP, identify this sculpture by Pierre Auguste Rodin.

ANSWER: The **Burghers of Calais**

12. Born in Dublin in 1763, this protestant attorney was one of the founders of the Society of Irishmen, an Irish nationalist movement that hoped to gain French military support. Exiled to America, he instead traveled to France, where he accompanied French attempts at invasion in 1796 and 1798. In the 1798 uprising, he was captured by British forces, placed on trial, and sentenced to death. FTP, name this Irish revolutionary, who, rather than be hanged, slit his throat with his own penknife and died 7 days later.

ANSWER: Theobald Wolfe **Tone**

13. With an apogee of 584 miles and a perigee of 143 miles, it circled the Earth ever 96 minutes. It had a diameter of just 23 inches, weighed 185 pounds, and was functional for only 92 days, but caused nationwide panic during Eisenhower's administration when it was launched on October 4th, 1947. FTP, name the first artificial satellite.

ANSWER: **Sputnik 1**

14. It describes how Gugumatz and Hurucan, the creator gods, shaped the earth and made plants and animals. It then relates several attempts to create man, which eventually proved successful when the gods fashioned the first four men from maize. Written in Quiché, a Guatemalan Mayan language, between 1554 and 1558, it also chronicles their kings through 1550. FTP name this "Book of Counsel" of the ancient Mayans.

ANSWER: The **Popul Vuh**

15. He was born in Cambridge, England in the same year that Karl Marx died. A delegate to the Paris Peace Conference of 1918-19, he held his tongue while the major powers imposed vindictive war reparations on Germany, then went back home and immediately started writing his book against this dangerous economic decision, attacking Clemenceau as a xenophobe, Wilson as a "blind, deaf, Don Quixote," and Lloyd George a "half-human visitor to our age from the hag-ridden magic and enchanted woods of Celtic antiquity." FTP, name this author of *The Economic Consequences of the Peace*.

ANSWER: John Maynard **Keynes**

16. Kary Mullis was driving along Route 101 in Northern California one night in 1983 when he was suddenly struck by a brilliant means to multiply a given segment of DNA out of the entire genome billions of times in just a few hours in a simple test tube. FTP, name this procedure which won Mullis a Nobel prize in 1993.

ANSWER: **PCR** or **Polymerase Chain Reaction**

17. Nicknamed the "magician of iron," this architect was once charged with corruption in a failed early attempt to build a Panama canal. He erected an iron bridge at Bordeaux in 1858, and designed the lofty, arched Gallery of Machines for the Paris Exhibition of 1867. FTP, name this designer of the framework of the Statue of Liberty and the most famous tower in Paris.

ANSWER: Gustave-Alexandre **Eiffel**

18. An engineering graduate of Berkeley in 1904, he initially went to work as a pipe designer for the San Francisco Sewer Department. But after a few months he quit to draw cartoons for the *San Francisco Chronicle* for \$8 a week. According to the American Heritage Dictionary, this man's full name is now an adjective, signifying "of, relating to, or being a contrivance that brings about by complicated means what apparently could have been accomplished simply." FTP identify this Pulitzer Prize-winning cartoonist.

ANSWER: Rube **Goldberg**

19. This Oxford don, whose only major published work during his lifetime was *A Plea for Excuses*, attained posthumous fame with the transcriptions of guest lectures he gave at Harvard on "How to Do Things with Words." FTP, name this philosopher who first enumerated the distinction between performative and constative speech acts.

ANSWER: John L. **Austin**

20. In this author's most well-known children's story, Max gets sent to bed without supper for wearing his wolf suit around the house. Fortuitously, however, a forest grows up in his bedroom, and Max escapes to a jungle full of Wild Things where he is the king. FTP name this Caldecott Award-winning author and illustrator of *Where the Wild Things Are*.

ANSWER: Maurice **Sendak**

21. Throughout the 1930s and '40s, the Eagle and Child public house in Oxford was a meeting place for a group of local writers such as Owen Barfield, George MacDonald, and Dorothy Sayers. FTP, name this tight literary circle of writers whose most prominent members were Charles Williams, J.R.R. Tolkien, and C.S. Lewis.

ANSWER: the **Inklings**

22. It is characterized by slow economic growth coupled with a high rate of unemployment. The most notable example of it was the economic slowdown in the US and Great Britain during the 1970s. FTP give the name of this economics term, defined as sluggish economic growth combined with an economic recession.

ANSWER: **Stagflation**

23. "Warn the Duke!" If only Harry Houdini had listened to the Little Boy, World War I might have been averted. Well, maybe not—the previous quote is from this work of fiction, in which Houdini is just one of several historical figures jumbled together with fictional characters such as Mother, Younger Brother, and Coalhouse Walker, Jr. FTP, name this novel.

ANSWER: **Ragtime**

24. This comic strip was made into a frivolous and not very noteworthy war film starring David Wayne and Tom Ewell in 1951. Featuring Willie and Joe, two inseparable common soldiers, the cartoon was originally published in 1945. It captured the haggard dignity of American infantrymen of the European theater of World War Two. FTP, name this comic strip drawn by Bill Mauldin.

ANSWER: **Up Front**

Bonuses:

1. Identify the following about a work of literature.

[10] FTP, this play describes the lives of the Podorov siblings in Imperial Russia. Though the plot seems dark and rather tragic, its author claimed that it was a comedy, bordering on a farce.

ANSWER: The **Three Sisters**

[5] For five points, who wrote *The Three Sisters*?

ANSWER: Anton **Chekhov**

[3x5] And for a final five points each, name the three title siblings in Chekhov's "*The Three Sisters*."

ANSWER: **Olga, Masha, Irina**

2. Answer the following about Norse mythology FTPE.

[10] Born in 1179, this Icelandic historian, poet, and courtier surveyed the content, style, and meters of Viking poetry, as well as a catalog of pagan Scandinavian mythology.

ANSWER: Snorri **Sturlson**

[10] This is Snorri Sturlson's main work, which he compiled as a textbook for young poets wishing to praise kings. It recounts the most coherent version of the Norse creation myth.

ANSWER: the **Prose Edda**

[10] In one version of the creation myth contained in the *Prose Edda*, Sturlson describes how a great primordial tree arose in the center of the world, supported by three roots that stretch to the realms of hell, the frost-giants, and the world of human beings. For ten points, name this tree of fate.

ANSWER: **Yggdrasil** [Yig-drah-sil]

3. 30-20-10: Name the political party.

[30] It was formed in 1848 at a Buffalo, NY convention of Liberty Party members, "Conscience" Whigs and radical New York Democrats known as Barnburners.

[20] Led by Salmon P. Chase and John P. Hale, it attracted small farmers, debtors, village merchants, and household and mill workers, and its platform was based on the 1846 Wilmot Proviso.

[10] Founded for the purpose of opposing the spread of slavery into new U.S. territories, its first presidential candidate in 1848 was Martin Van Buren.

ANSWER: the **Free Soil** Party

4. Name every country that contains or borders the following bodies of water, for five points per question, bonus 5 for all correct.

[5] Lake Titicaca

ANS: **Peru** and **Bolivia**

[5] Gulf of Aqaba

ANS: **Egypt**, **Israel**, **Jordan**, and **Saudi Arabia**

[5] Lake Michigan

ANS: the **United States** of America

[5] Lake Malawi

ANS: **Malawi** and **Mozambique**

[5] The Aral Sea

ANS: **Kazakhstan** and **Uzbekistan**

5. 30-20-10: Name the author from works.

[30] *A Delicate Balance*

[20] *The Zoo Story; The Sandbox*

[10] *Who's Afraid of Virginia Woolf?*

ANSWER: Edward **Albee**

6. Answer the following questions, FTPE.

[10] Published under the name "Anonymous," this fictional account of a presidential primary portrays candidate Jack Staunton and his wife, Susan, whose remarkable similarities to Bill and Hillary Clinton caused much speculation over who had written it.

ANSWER: **Primary Colors**

[10] Name the "anonymous" author of *Primary Colors*, a reporter for *Newsweek* and *The New Yorker* who revealed his identity in 1996.

ANSWER: Joe **Klein**

[10] Identify the Vassar College English professor who identified Klein as the author of *Primary Colors* using computer analysis to match the text of the book with Klein's writing.

ANSWER: Donald **Foster**

7. It's not brain surgery... it's heart surgery! FTPE, given a description, name the surgical procedure.

[10] In this procedure, a catheter with a tiny balloon on the end is inserted into an artery in the arm or groin that leads up to the heart. The surgeon expands the balloon at the narrowing in the heart cavity, forcing plaque back along the vessel walls.

ANSWER: Balloon **Angioplasty**

[10] Similar to the angioplasty procedure, the insertion of one of these steel mesh wire tubes also expands the diameter of artery, but is not removed after surgery.

ANSWER: a **Stint**

[10] This more invasive procedure involves the healthy section of an artery taken from the chest muscle or a vein from the leg onto the heart to carry blood around the blocked artery to the heart muscle.

ANSWER: **Bypass** Surgery

8. FTPE, identify the scientist whose name has been given to a scientific term.

[10] This man's law states that the solubility of a gas is directly proportional to its partial pressure at any given temperature.

ANSWER: William **Henry**

[10] This man gave his name to a rule of electron orbital configuration.

ANSWER: Friedrich **Hund**

[10] This man's name applies to the method by which ammonia is produced commercially from nitrogen and hydrogen.

ANSWER: Fritz **Haber**

9. You're always hearing about those Watergate tapes. FTP each, identify these people and terms associated with the Watergate scandal.

[10] This low-level White House technician created a stir in the Congressional hearings on July 16, 1973, when he testified that Nixon had recording devices installed to tape conversations in the Oval Office.

ANSWER: Alexander **Butterfield**

[10] Nixon's personal secretary, she claimed to have accidentally caused the eighteen and a half minute "gap" in the tapes while talking on the telephone.

ANSWER: Rosemary **Woods**

[10] After the first transcripts of the tapes were released by the Nixon administration, this two-word phrase used to replace Dick Nixon's foul language found its place in the popular and political lexicon of the 1970s.

ANSWER: "**Expletive Deleted**"

10. Name these First Ladies FTPE (first AND last names required).

[10] This First Lady was her Whig husband's schoolteacher before they were married.

ANSWER: **Abigail Fillmore**

[10] Though her husband was in office years before Prohibition, this First Lady refused to serve alcohol in the White House.

ANSWER: **Lucy Hayes**

[10] Though this First Lady's given name was Thelma, her March 17 birthday gave her a more familiar nickname.

ANSWER: **Pat Nixon**

11. FTPE, Given a chemical name, tell me whether it's a monosaccharide, disaccharide, or neither.

[5] galactose

ANS: **monosaccharide**

[5] maltose	ANS: <u>disaccharide</u>
[5] galsucrose	ANS: <u>neither</u>
[5] fructose	ANS: <u>monosaccharide</u>
[5] lactose	ANS: <u>disaccharide</u>
[5] sucrose	ANS: <u>disaccharide</u>

12. Name these famous monks on a 10-5 basis.

[10] His original surname was Novykh [Nov-KHEH], but he is better known by a name that translates from Russian as "the debauched one," or "the dissolute."

[5] This Siberian mystic was poisoned, shot, bludgeoned, bound, and drowned all in the course of one night in 1916 before he finally died.

ANSWER: Gregory Rasputin

[10] After two years at the University of Vienna, he failed his exams for a teaching certificate and instead retired to a monastery in Brunn, where he eventually became an abbot.

[5] He is best known for his demonstrations that inherited characteristics are carried by discrete units, which he called "elemente," which are reassorted between one generation and the next.

ANSWER: Gregor Mendel

[10] Famed for his teaching abilities, he wrote reading and writing textbooks for his fellow monks in the monastery of Jarrow.

[5] In 731 he wrote *Ecclesiastical History of the English People*.

ANSWER: Saint Bede the Venerable

13. Identify the Old Testament figures from descriptions. (Two parts, each 15-10-5).

[15] His Egyptian name was Zephanath Panoah

[10] With his wife Asenath, he had two sons named Ephraim and Manasseh.

[5] He narrowly escaped death at the hands of his brothers and was instead sold into slavery in Egypt.

ANSWER: Joseph

[15] Her husband's previous wife was Vashti.

[10] Her Hebrew name was Hadassah.

[5] Her cousin Mordecai helped her to save all the Jews in Persia.

ANSWER: Esther

14. 30-20-10, Name the television show.

[30] Its managing editor and executive producer was Isaac Jaffe, its producer Dana Whitaker. Associate producer Jeremy Goodwin became romantically involved with senior associate producer Natalie Hurley for the duration of the show after he joined the production team in 1998.

[20] ABC dropped this Aaron Sorkin sitcom in the spring of 2000 after a two-season run.

[10] This sitcom focused on the behind-the-scenes team of frenzied producers, directors, researcher and support staff of a sports show similar to *ESPN SportsCenter*.

ANSWER: Sports Night

15. Answer these questions about a particular art movement FTPE.

[10] In the 17th century, this town served as a mecca for Dutch painters such as Pieter de Hooch, who set up their studios here for the picturesque setting and the unique quality of light.

ANSWER: Delft

[10] Many of this Delft native's paintings depict the ordinary life of the Dutch middle-class, while at the same time incorporating a wealth of symbolic elements, such as his "Allegory of the Faith."

ANSWER: Jan Vermeer

[10] In this Vermeer painting, the title servant is portrayed as paragon of simple grace and virtue. She stands wearing primary colors next to a window, holding a pitcher and concentrating intently on her work.

ANSWER: The Milkmaid

16. 30-20-10, name the program.

[30] All of its sponsors are fictional except "the wonderful folks at Land's End."

[20] This radio show it still features such regulars as The Guys All-Star Shoe Band, Tom Keith the Sound Effects Guy, and Guy Noir, Private Eye.

[10] An NPR standby hosted by perhaps best known for the weekly story of a small Minnesota town where all the women are strong, all the men are good-looking, and all the children are above-average.

ANSWER: A Prairie Home Companion (Note: Do not accept "Lake Wobegone.")

17. 30-20-10, name the statesman.

[30] This politician's radical views on Welsh nationalism won him election to Parliament as a member of the Liberal Party for Wales' Carnarvon borough.

[20] During WWI, he served as minister of munitions and later minister of war under Herbert Asquith.

[10] Name this British delegate to the Paris Peace Conference after WWI.

ANSWER: David **Lloyd George**

18. Identify the Latino author by works on a 10-5 basis.

[10] "The Plain in Flames"

[5] Pedro Páramo

ANSWER: Juan **Rulfo**

[10] *Daughter of Fortune*

[5] *Eva Luna*

ANSWER: Isabel **Allende**

[10] *The Time of the Hero*

[5] *The War of the End of the World*

ANSWER: Mario **Vargas Llosa**

19. Answer the following questions about a certain religion FTP each.

[10] Founded in 608 BC by the prophet and teacher whose name it bears, this was the state religion of the Persian empire for more than twelve centuries.

ANSWER: **Zoroastrianism**

[10] The holy book of Zoroastrianism, it consists of a series of hymns known as Gathas, as well as other sacred texts.

ANSWER: The **Avesta**

[10] In Zoroastrianism, he is the Good God, forever caught in the eternal struggle against Manga Mainyu and the forces of evil.

ANSWER: **Ahura Mazda** (or **Ormuzd**)

20. FTPE, answer the following about genetic recombination during meiosis.

[10] During prophase I of meiosis, chromosomes become arranged in homologous pairs. Each pair consists of two chromatids, and the complex of all four is collectively known by this name.

ANSWER: **Tetrad**

[10] At this point, a process may occur by which segments of one chromosome have the potential to exchange with its homologous chromosome. Name the process.

ANSWER: **Crossing Over** (or **Crossover**)

[10] While the tetrads are still connected, the points at which crossover take place are known by this name.

ANSWER: **Chiasma** or **Chiasmata**

21. Give the name of the Freudian defense mechanisms from a description for five points each.

[5] A form of displacement in which a sexual or aggressive impulse is moved from an unacceptable object to an action that is acceptable and ultimately has value to society.

ANSWER: **Sublimation**

[5] Shifting feelings from one object to a substitute that is not as gratifying, but is less anxiety-arousing.

ANSWER: **Displacement**

[5] Defending against unacceptable feelings and behavior by exhibiting the opposite of one's true wishes or impulses.

ANSWER: **Reaction Formation**

[5] Attributing to others unwanted feelings, thoughts or behaviors.

ANSWER: **Projection**

[5] Returning to forms of behavior that are indicative of an earlier level of development such as childhood--usually in response to an overwhelming stressor.

ANSWER: **Regression**

[5] The involuntary forgetting of painful ideas, events and conflicts.

ANSWER: **Repression**

22. Name the World War I English soldier/poet from works. Fifteen points for identification from an excerpt from a poem, ten points if you need the title of the poem it comes from.

15: Bent double, like old beggars under sacks/

Knock-kneed, coughing like hags, we cursed through sludge/

Till on the haunting flares we turned our backs/

And toward our distant rest began to trudge.

10: "Dulce Et Decorum Est"

ANSWER: Wilfred Owen

15: 'He's a cheery old card," grunted Harry to Jack/
as they slugged up to Arras with rifle and pack./
But he did for them both by his plan of attack.

10: "The General"

ANSWER: Siegfried Sassoon

23. 30-20-10, name the opera.

[30] The Tim Rice and Elton John musical adaptation of this opera won four Tony awards in 2000.

[20] It was commissioned by the khedive of Egypt to celebrate the opening of Cairo's new Opera House in 1869.

[10] This Verdi opera is set in Ancient Egypt, and revolves around the life of the titular character, the daughter of the King of Nubia.

ANSWER: Aida

24. For fifteen points each, identify the anthropologists.

[15] This French structuralist's first major work was *The Elementary Structures of Kinship*.

ANSWER: Claude Levi Strauss

[15] In *The Patterns of Culture*, she argued that it is the "personality" of a culture, that is, its particular complex of traits and beliefs, that defines the individuals within it.

ANSWER: Ruth Benedict

25. For five points each, give the SI unit of:

[5] luminous intensity

ANS: Candela

[5] magnetic flux density

ANS: Tesla

[5] electromotive force

ANS: Volt

[5] electric current

ANS: Ampere

[5] force

ANS: Newton

[5] catalytic activity

ANS: Katal