

**2001 Chicago Open**  
**It's All Lipstick and Rouge**  
**Tossups by Nathan Freeburg**

1. At the beginning of this novel the title character mulls over “dry sticks,” i.e. some old letters, and recalls a pleasant childhood at the family estate of Bourton. Later on a possible lesbian relationship is hinted at between Elizabeth and Miss Kilman. In a parallel narrative another character is described with his wife, Lucrezia, and talks aloud to his dead friend Evans. The novel ends with a party at which everyone, including Sally Seton and Peter Walsh, is present, except Septimus Smith, who killed himself. All this occurs in one day in the life of, FTP, what Virginia Woolf title character?

Answer: Mrs. Dalloway

2. In the introductory article, both nations involved pledged not to establish any new colonies in Central America. Unofficially later repudiated by James Blaine, it was prompted by boundary disputes between British Honduras and Nicaragua. Negotiated by the British Minister to Washington and the U.S. Secretary of State, it would be superseded by the Hay-Pauncefote Treaty. FTP, name this agreement that the U.S. and Great Britain would share any canal built across Central America, signed in April 1850.

Answer: Clayton-Bulwer Treaty (names may be reversed)

3. In the atoms of alkali metals it is seen in doublets, while in atoms of alkaline earths there are three components called triplets. Arising from the interaction of the orbital motion of an electron with the quantum mechanical spin of that electron, it is produced when an atom emits light in making the transition from one energy state to another. FTP, what is this splitting of the main spectral lines of an atom into two or more components, each representing a slightly different wavelength?

Answer: fine structure

4. Scenes include Ronald Reagan, Miss America, Pat Boone, Bob Eubanks, and Robert Schuller all showing up as purported saviors. A constant character is the sheriff's deputy who often has to evict people and also attempts to persuade one of the two title characters to come down “for a few beers.” A central tragic moment is the construction of “AutoWorld” as well as the announcement that the rat population has surpassed the human population in Flint. FTP, name this documentary starring the president of GM and Michael Moore.

Answer: Roger and Me

5. A speaker compares his lover to a dead animal and reminds her that one day she will be kissing dead worms instead of him in “Carion,” and a potential lover turns into a vampire in “To a Passerby.” It also includes “The Albatross,” “To a Cruel Lady,” “The Bad Monk,” and three poems about black cats. Titles of the three major sections include “Wine, Death and Revolt” and “Parisian Landscapes,” and also of note are the characterizations of negatives of the world as “Spleen.” FTP, name this collection of poems by Charles Baudelaire.

Answer: Les Fleurs du Mal or The Flowers of Evil

6. The suffix of -hene was attached to identify its rulers. Its was founded by a man who had been a hostage of the Denkyera, the chief rival to this nation. After its founder escaped to the state of Akwamu, support was galvanized to build upon its predecessor, the small kingdom of Kumasi. The final piece emerged with the priest, Okomfo Anokye, who introduced its heavenly object, the Golden Stool. FTP, name this nation founded by Osei Tutu, a west African kingdom that flourished from the late 17<sup>th</sup> to the late 19<sup>th</sup>-centuries.

Answer: Ashanti

7. In some cases this equation can be modified by neglecting the volume of the liquid and assuming that the vapor involved will obey the ideal gas law. In its basic form it results from differentiating the first law of thermodynamics and incorporating the fact that the change in Gibbs Free Energy will be zero in the transition being described. This results in the equation “dp over dT equals L over T times the quantity V sub B minus V sub A.” FTP, identify this equation that describes the transition of a pure substance from one state to another, named for two scientists, one of whom developed the second law of thermodynamics?

Answer: Clausius-Clapeyron equation

8. This piece's dances are all highly popular as concert pieces, especially the first, in which the orchestra simulates the strumming of a guitar and is entitled "The Neighbors." Based on the same tale as Hugo Wolf's *Der Corregidor*, it tells of a governor who falls into a stream while chasing the wife of a miller, who in turn plans to pursue the governor's wife. Based on a novel by Alarcon and named for the governor's badge of office, FTP, what is this ballet by Manuel de Falla?

Answer: *The Three Cornered Hat or El Sombrero de Tres Picos*

9. Famous histories of it include those of St. John of Damascus and St. Theodore of Studium. It first began with Canon 36 of the Synod of Elvira and reappeared with the Trullan Synod. Popes Gregory II and III as well as Adrian I prevented it from becoming a western issue. Finally ending in the minority of Michael III, it reached its height when Empress Irene restored the images. FTP, identify this Byzantine controversy over the use of material representation in worship.

Answer: iconoclasm

10. This poem is featured in an Eagle Eye Cherry song and was put to music by both Clara Schumann and Franz Liszt, though the most popular melody for it is by Friedrich Silcher. Mark Twain's is the most famous English translation of this poem whose plot originated with Clemens Brentano's novel *Godwi*. It appears from the last couple lines that the boatman will probably die as he is too distracted by the singing of the first character and her golden hair. FTP, identify this Heinrich Heine poem that takes its name from a large rock on the Rhine from which a maiden jumped in despair over a faithless lover.

Answer: "Lorelei"

11. A prostitute named Catherine paid for his funeral, leading to various scurrilous rumors. The fourth son of Manuel II and Princess Helen Dragas, he helped rule the despotate of Morea during the reign of his brother John VIII, and after John's death he succeeded to the throne. In a desperate attempt to hold his empire together he proclaimed the union of the Greek Church with Rome, hoping to revitalize the area around Constantinople. Soon after he died while fighting off an assault by the Ottoman Muhammed II. FTP, name this figure who, at his death in 1453, was the last Byzantine Emperor.

Answer: Constantine XI Andreas Palaeologus Dragases or Constantine XII [There were two different Byzantine numberings of the Constantines].

12. If not for its softness, its gem varieties like moroxite and Asparagus stone might prove more valuable. Possessing a hexagonal structure, this mineral occurs widely as an accessory mineral in igneous rocks like pegmatite, as well as in limestone. It is the chief constituent of the enamel of teeth and the most common of the phosphate minerals. FTP, name this form of calcium phosphate that stands at 5 on the Mohs scale and could have a lame giveaway.

Answer: apatite

13. Much of the argument in this book is based on the interpretations of oloa and tonga. It denies that the "natural economy" ever existed and utilizes evidence from the societies of aboriginal Northwest America, Melanesia and Polynesia, such as Malinowski's description of kula. FTP, name this book that uses a multicultural approach to explain the recurrence of the titular phenomenon in all societies, the best-known work of Marcel Mauss.

Answer: *The Gift or Essai Sur Le Don*

14. The two cherubs on the bottom center hold on to a stone snail with one of them looking up toward the central figure. The cherub on the far left also looks onto the scene but has a finger raised to his lips. A man in shadows on the right manages the title object, while the reclining man on the left is looking at either the flying slipper or up his lover's dress. FTP, identify this light depiction of a young girl in a pink dress and sitting on the title object, the best-known work of Fragonard.

Answer: *The Swing*

15. It is common in worship to refer to the “800 myriad” kinds of them and there is no longer a distinction between the heavenly and earthly types. The symbols representing them are separated from the outside world by the Torii entrance arch. When they occupy a tree, it is often surrounded by a rope known as a *shimenawa* and the objects they reside in are known as *shintai*. Famous examples include Izanagi and Izanami as well as Amaterasu, but FTP, give the general name for these subjects of Shinto worship.

Answer: Kami

16. The title's the same. A movie about a bunch of overworked peasants in post-World War I Austria who unexpectedly get a farm from their cruel master when somebody stabs the farmer to death. Another one is subtitled “An Extravagant Story”, a collaborative novel depicting turn-of-the-century Americans and Brits as spoiled brats. The third is also a novel, which had the last of the Neanderthals as its protagonists. FTP, give this common title shared by a Stefan Ruzowitzky movie, a William Golding novel, and a Ford Maddox Ford and Joseph Conrad collaboration.

Answer: The Inheritors

17. After selling his fledgling boat business, he went to work for Thomas Gibbons as a steamship captain. Consistent with his lifelong contempt for women, he left less than one percent of his fortune to his wife and eight daughters. He accumulated that fortune by transporting goods to Nicaragua from various U.S. ports through his Accessory Transit Company. Even more lucrative was his construction of Grand Central Terminal in New York City. FTP, name this railroad magnate, now remembered for the Tennessee University that he endowed.

Answer: Cornelius Vanderbilt

18. Before its completion a final part is added by the enzyme guanylyl transferase. This is shortly followed by processing that can result in a structure known as a poly A tail, whose significance remains unknown. In eukaryotes it begins with enzymatic recognition of the TATA box or something analogous and proceeds through elongation before the aforementioned capping. FTP, name this process that takes place in the nucleus and is simply referred to as RNA synthesis.

Answer: transcription (accept early RNA synthesis or equivalents)

19. This actor recently released an album entitled *I'm a Playa*, featuring the smash hit “69 Cadillac.” One of his recent film credits was the role of Old School in *Don't Be a Menace to South Central While Drinking Your Juice in the Hood*, while Homer Simpson once gave this man's son a Regional Ace Award. Featured in a number of blaxploitation films, including Doodlebug in *Cleopatra Jones*, Link in *Foxy Brown*, and Bunky in *Shaft*, he experienced a brief resurgence with his role as Flyguy in *I'm Gonna Get You, Sucka*, but will always be remembered as a streetwise con-man turned informant. FTP, name this actor immortalized as Huggy Bear on *Starsky and Hutch*.

Answer: Antonio Fargas

20. According to Fontenelle he introduced Huygens to calculus. At his death he left the manuscript for his second book, *Traite analytique*, but much more important was 1696 work, the first ever differential calculus textbook and which contained the method for which he is now primarily known, which came about as a result of a problem Johann Bernoulli had given him. FTP, name this French marquis who theorized that if the limit of the numerator and denominator of a function tend to zero, the limit of the function is equal to the limit of the derivatives of its parts.

Answer: Guillaume-Francois-Antoine de L'Hopital

21. The libretto was based on one of Isak Dinesen's *Seven Gothic Tales*. Set in a Scandinavian mansion in 1905, it contains the Doctor's comic relief and opens with Anatol arriving at the house, where the title character has been waiting twenty years for her lover's return. Anatol, who is in fact the lover's son, is rejected by the title character's niece, Erika, and soon Anatol and the title character marry and leave for Paris, leaving Erika behind. With a libretto by Gian-Carlo Menotti, FTP, name this opera by Samuel Barber.

Answer: Vanessa

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**Bonuses**

1. FTP each, name these leaders in the classification craze of 17th and 18th century zoology:

A. This Englishman established the species as the fundamental unit of classification while devising a classification system accounting for over 18,000 plants. His was the first system to divide flowering plants into monocots and dicots.

Answer: John Ray

B. This Dane used the structure of the mouth to classify over 10,000 insects. He also wrote on evolution long before Darwin, and held that men descended from apes.

Answer: Johann Fabricius

C. This Swede classified plants based on shared characteristics and devised the current taxonomical system for naming plants and animals using two Latin words.

Answer: Carolus Linnaeus or Carl von Linne

2. Name these posthumously published novels, FTP each:

A. Jaques searches for an understanding of his father who died in World War I in this Camus novel, whose title refers to Adam.

Answer: *The First Man*

B. David and Catherine, a married couple, both fall in love with Marita in this Hemingway novel.

Answer: *The Garden of Eden*

C. Adam Sunraider has a deathbed conversation with Alonzo Hickman in this Ralph Ellison novel.

Answer: *Juneteenth*

3. Answer these questions concerning a certain war:

A. For 10 points, In 1757 and 1758 what Prussian king won a series of victories, defeating the French at Rossbach, the Austrians at Leuthen, and the Russians at Zorndorf?

Answer: Frederick II or Frederick the Great

B. For 5 points, Rossbach, Leuthen, and Zorndorf were some of the European battles in what war, known by a different name in America?

Answer: Seven Years' War (prompt on "French and Indian War")

C. For 15 points, In what 1759 naval battle did Admiral Hawke's British fleet defeated the French on the west coast of Brittany, ending the threat of a French invasion of Britain.

Answer: Quiberon Bay

4. FTP each, name these island nations:

A. Formerly called New Hebrides, this republic composed of about 80 islands is found to the east of Australia. Its second largest island, Efate, is home to the capital Vila.

Answer: Vanuatu

B. Originally known as the Ellice Islands, this nation composed of 9 small atolls is spread over 500,000 square miles of the west Pacific. Its largest atoll is Vaitupu, and its capital is Funafuti.

Answer: Tuvalu

C. This island republic astride the equator consists of Banaba Island, and the three island groups Gilbert, Phoenix, and Line. Its capital is Tarawa.

Answer: Kiribati [KIRI-bass]

5. FTP each, identify the contemporary architects:

A. He works almost exclusively in white porcelain and recently completed the Getty Center.

Answer: Richard Meier

B. This Genoan architect won the 1998 Pritzker, designed the Kansai Air Terminal, and the master plan for the reconstruction of Potsdamer Platz in Berlin. He also collaborated on the design for the Centre Pompidou.

Answer: Renzo Piano

C. His important works include a prefabricated 309-foot arch for the Turin Exhibition and the first skyscraper in Italy, the Pirelli Building.

Answer: Pier Luigi Nervi

6. FTP each, stuff about electromagnetism:

A. This is the fixed relationship between the phase of waves in a beam of radiation of a single frequency, occurring when the phase difference between the waves is constant.

Answer: coherence

B. Electromagnetic fields obey this principle stating that a field arising from a number of sources is determined by adding the individual fields from each source.

Answer: Principle of Superposition

C. This vector describes the magnitude and direction of the flow of energy in electromagnetic waves and is represented by a capital S.

Answer: Poynting vector

7. FTP each, name these classics of feminist literary criticism, none of which is by John Nam:

A. By Sandra Gilbert and Susan Gubar and named after the locked up crazy lady in *Jane Eyre* it examines gothic literature as well as the work of George Eliot and the Brontes.

Answer: *The Madwoman in the Attic*

B. Also a study of the Brontes and George Eliot, this Elaine Showalter work closely peruses the writing of Katherine Mansfield.

Answer: *A Literature of Their Own*

C. This Virginia Woolf work combines nonfiction and fiction and discusses a hypothetical sister of Shakespeare to illustrate the effects of income and education on writing.

Answer: *A Room of One's Own*

8. Name these famous affairs, none of which concern Bill Clinton:

A. For 15 points, It involved a combination of several jealous gay lovers in Kaiser Wilhelm II's entourage, who almost brought down the German government.

Answer: Eulenberg Affair

C. For 10 points, This affair was about a British defense minister sleeping with a Russian agent, forcing the minister's resignation in 1963.

Answer: Profumo Affair

C. Emile Zola wrote his "J'Accuse" in defense of a poor Jewish chap, accused of being a German spy in this affair.

Answer: Dreyfuss Affair

9. Conjunction bonus! – FTP each:

A. Join the first and last names of the star of *Playmate Pajama Party*, *Forbidden Sins*, *The Dark Dancer*, and *Bimbo Movie Bash* with the name of an American political and criminal organization run by the eponymous boss at Tammany Hall.

Answer: Shannon Tweed Ring

B. A Showtime erotic series aimed purportedly at women and the pluralized title of a play based on Dutch girl hiding during the holocaust.

Answer: Red Shoe Diaries of Anne Frank

C. The star of *Behind the Green Door* and a James Joyce poetry collection with the first word pluralized.

Answer: Marilyn Chambers Music



10. Name the deity, 30-20-10.

30: He once had five heads before one was lopped off, and names meaning navel-born and water-born are often applied to him.

20: He is sometimes depicted riding a chariot drawn by seven swans and in some circles is known as Prajapati.

10: He's generally considered the creator-god of Hinduism, thereby forming one-third of the trimurti.

Answer: Brahma

11. Name the following possibly related stuff from chemistry, FTP each:

A. This is a compound with formula  $\text{KMnO}_4$  known for forming purple crystals.

Answer: potassium permanganate or potassium manganate (VII)

B. Cytosine and Thymine are two members of this class of organic compounds.

Answer: pyrimidines

C. This rule states that for any system at equilibrium, the relationship  $P + F = C + 2$  holds, where F is the number of degrees of freedom of the system and C is the number of components.

Answer: Gibbs phase rule

12. Name these Chaucer works, FTP each:

A. Notable for its opening lines, "The lyf so short, the crafts so long to lerne," it takes the form of a vision in which the poet sees the Court of Nature on St. Valentine's Day.

Answer: Parliament of Fowls or Parliament of Birds

B. Chaucer's version is a translation of a French work by Guillaume de la Lorris and Jean de Meung. It begins with the poet visiting the Garden of Mirth and being invited to enter by Idleness.

Answer: The Romance of the Rose or The Romaunt of the Rose

C. This Canterbury tale tells how a Summoner meets the devil dressed as a bailiff. The Summoner attempts to extort a gift from a widow and is then carried off to hell by the devil.

Answer: The Friar's Tale

13. FTP each, know your Mayan cities.

A. Containing some large-ass pyramids, it had the Plaza of the Seven Temples, the Temple of the Jaguar and the Temple of the Two-Headed Serpent. The Mayan ceremonial center, it's located next to Lake Peten Itza in Guatemala.

Answer: Tikal

B. This city in Belize replaced Tikal as the major regional power around 562 C.E. Its name is Spanish for "snail," with the Mayan name being unknown.

Answer: Caracol

C. Containing the Great Pyramid of the Plumed Serpent, it's located in the Yucatan. It was the lead city in the League of Mayapan.

Answer: Chichen Itza

14. FTP each, stuff about a musical composition.

A. It opens with a tone poem, "Vysehard", describing an old citadel and closes with "Blanik" which describes a mountain where according to legend, the old heroes slumber, ready to rise again.

Answer: Ma Vlast or My Country

B. Who composed *Ma Vlast*?

Answer: Bedrich Smetana

C. The most famous of the six tone poems is this second section depicting a river of Bohemia.

Answer: "Moldau" or "Vltava"

15. Name these 20<sup>th</sup>-century Protestant theologians, FTP each:

A. The founder of neo-orthodoxy, his best-known works include *Commentary on Romans* and *Church Dogmatics*.

Answer: Karl Barth

B. The leading American advocate of neo-orthodoxy, he wrote *The Nature and Destiny of Man* and was a pastor in Detroit for some time.

Answer: Reinhold Niebuhr

C. Perhaps even more influential than Barth, he attempted to “demythologize” the New Testament. His major series of works was *Kerygma and Myth*.

Answer: Rudolf Bultmann

16. Name these cranial nerves, FTP each:

A. It is the twelfth and final cranial nerve and moves the tongue.

Answer: hypoglossal

B. This ninth nerve innervates the pharynx and mediates the swallowing reflex.

Answer: glossopharyngeal

C. This first nerve is responsible for our sense of smell.

Answer: olfactory

17. Name these Bertolt Brecht plays, for 15 points each:

A. One of Brecht’s mistresses, Margarete Steffin, helped write it. Similar to *Baucis and Philemon*, it concerns a hooker who lets a couple deities stay the night.

Answer: *The Good Woman of Seichuan*

B. Brecht rewrote another mistress, Hella Wuolijoki’s comedy, *The Sawdust Princess*, into this script and took credit for it. The play is about a Finnish farmer who oscillates between churlish sobriety and drunken good humor.

Answer: *Herr Puntila and His Man Matti*

18. Those darn Spartans, FTP each.

A. Much of what is purportedly known about him comes from Xenophon, who along with numerous other historians identifies him as the legendary founder of Sparta.

Answer: Lycurgus

B. In his first year as an admiral he won at Notium but is best-known for his defeat of Athens the next year at Aegospotami.

Answer: Lysander

C. Lysander helped this man ascend to the throne. He would rule from 399 to 360 BC during a period of Spartan dominance in Greece.

Answer: Agesilaus II

19. Name these economics things, FTP each:

A. This theorem states that under certain conditions, one cannot guarantee that a ranking of societal preferences will correspond to rankings of individual preferences when more than two people and alternative choices are involved.

Answer: Arrow’s Impossibility Theorem

B. This is a unique solution to a two-player, non-zero sum game which satisfies four conditions: it is symmetrical, independent of the choice of utility function, independent of irrelevant options, and it satisfies Pareto optimality.

Answer: Nash Solution or Equilibrium

C. It states that if transaction costs are negligible and property rights are clearly defined, the most efficient outcome to an economic conflict concerning property will be reached regardless of who owns the property.

Answer: Coase Theorem

20. Colvin science! FTP each, name these major types of winds.

A. Similar to the foehn in the Alps, this wind forms on the lee side of the Rockies due to low-level troughs.

Answer: chinook

B. Called khamsin in Egypt, sharav in Israel and similar to a haboob, this hot dusty wind precedes a low pressure system across the Sahara.

Answer: sirocco

C. Related to boras, this katabatic wind forms in the French Alps.

Answer: mistral