

2003 Singles

Set D

D1. He ruled without a parliament for ten years, except for the Addled Parliament, which produced no legislation. After the death of his minister Robert Cecil, 1st Earl of Salisbury, he battled with the courts of common law, whose strongest defender was Sir Edward Coke. Succeeding to the English crown because of his descent from Margaret Tudor, daughter of Henry VII, FTP, name this son of Mary Queen of Scots and king of England.

Answer: James I or James VI of Scotland

D2. His most famous adventure concerns Niamh, the daughter of the sea god Manahhan Mac Lir, and after he took part in this adventure he was brought to St. Patrick. He has a name meaning "little fawn," and his mother was none other than Sadb, the granddaughter of Dagda, which made Ogma, the god of eloquence, his uncle. FTP, name this famed warrior poet of Irish myth and son of Finn MacCool.

Answer: Ossian or Oisín

D3. As a drink it is mentioned in Etherege's *Man of Mode* and Samuel Butler's *Hudibras*. It is said to have become the obsession of Wenceslaus of Bohemia on his way to negotiate a treaty with Charles VI, and he had his courtiers learn the techniques of making it, including remuage and degorgement. Its rose [RO-zay] variety is becoming much more popular, but the original, supposedly invented by the monk Dom Perignon, is still in high demand. FTP, give this name for any sparkling wine produced in a specific region of France.

Answer: champagne

D4. The  $(n+1)$ -th term is equal to the determinant of an  $n$  by  $n$  matrix with 1s on the main diagonal, the superdiagonal, and the subdiagonal, and 0s elsewhere. Their generating function is  $x$  over  $1 - x - x^2$ . The shallow diagonals of Pascal's triangle sum to these numbers, which are closely related to the Lucas numbers, and the ratio of successive terms approaches the golden mean. FTP identify these numbers which satisfy the recurrence relation  $t_n + t_{n+1} = t_{n+2}$  (read: "t sub n plus t sub n plus one equals t sub n plus two).

Answer: Fibonacci numbers or sequence

D5. He is sold tobacco by the Lett and is made to scrub a floor after he is found sleeping in by the Tartar. He labels the amoral Fetiukov as the sort of man that would steal potatoes from another man's soup. A member of the 104<sup>th</sup> squad, he and his compatriots of the gulag are often referred to as "zeks." Accused of spying for Germany, he is serving his ninth year of a ten-year sentence when the novel about him begins. Commonly called Shukhov, FTP, identify this Russian prisoner and title character of a novel by Aleksandr Solzhenitsyn.

Answer: Ivan Denisovich (accept Shukhov on early buzz)

D6. His minor successes among his 14 operas include *Iris*, *Lodoletta*, and *The Friendly Fritz*. In 1911 he conducted his own operas in South America and in 1929 he succeeded Toscanini as musical director at La Scala. His opera *Nerone* was basically fascist propaganda, but it is for an opera about the rivalry in love between Turiddu and Alfio that he became famous. FTP, name this Italian composer of *Cavalliera rusticana*.

Answer: Pietro Mascagni

D7. Per its terms the U.S. assumed, up to a limit of five million dollars, the claims of its citizens the other nation involved. It established a new boundary starting at the mouth of the Sabine River and extending northwest to the 42<sup>nd</sup> parallel, which in effect transferred foreign claims to the Oregon territory. FTP, name this treaty that ceded Florida to the U.S., signed in 1819 between the U.S. and Spain.

Answer: Adams-Onís Treaty

D8. When Edmond O'Brien won a Best Supporting Actor Oscar for "The Barefoot Contessa," he ensured that, for the first time ever, one film would produce three Oscar losers in a single category. The losing Best Supporting Actor nominees were Rod Steiger, Karl Malden, and Lee J. Cobb. People who did win Oscars for their work on this film included Eva Marie Saint, Elia Kazan, and Marlon Brando. FTP, name this Best Picture winner of 1954.

Answer: On the Waterfront

D9. Its most condensed type is prefixed with hetero-, which is preceded by the stage where it exists as the "30 nanometer fiber." Its most most fundamental packing level, the nucleosome, works with the help of eight histone proteins, around which it winds. FTP, name this complex of DNA and protein in the nucleus from which chromosomes are made.

Answer: chromatin (do not accept or prompt on "chromosome")

D10. Its Newspaper Museum, commemorating Paul von Reuter, displays a collection of more than 12,000 newspapers. It is known for its more than 30 curative springs and its position in North Rhine-Westphalia near the borders of both Belgium and Holland lent it historical significance. The site of four major meetings in the 18<sup>th</sup>-century, it is most often identified with its Carolingian structures. FTP, name this German city, home Charlemagne's palace and tomb.

Answer: **Aachen** or **Aix-la-Chapelle**

D11. His literary career did not begin until the age of sixty-one, when he published the short story "Griseldis." Although he considered his most important work to be the philosophical tract *Parallels Between the Ancients and the Moderns*, in which he attacked neoclassicism, he is best remembered today as the man who introduced much of the world to Bluebeard, Cinderella, Sleeping Beauty, Puss-in-Boots, and Little Red Riding Hood. FTP, name this author of *Mother Goose Stories*.

Answer: Charles **Perrault**

D12. Among other things, he invented the word "gusto," which he used to describe the way certain of Michelangelo's sculptures were carved. As a theatrical critic, he was one of the first to draw attention to Edmund Kean, and as a literary critic he discovered John Keats. As a literary historian, he published the influential books *Shakspeare's Characters* and *Lectures on the English Poets*, but it was as an essayist that he is most important. FTP, name this author of *The Plain Speaker* and *The Spirit of the Age*.

Answer: William **Hazlitt**

D13. It was broken when Lord Stirling, William Alexander heard of it and told his leader. Alexander had been quoted a phrase by James Wilkinson, a staff member of one of the two primary traitors. Its namesake was an Irish general who, following the Saratoga campaign, wrote a letter supporting Horatio Gates. FTP, name this alleged 1777 plot to overthrow George Washington as commander in chief.

Answer: **Conway Cabal**

D14. Among his celebrated pupils were John of Salsibury and Arnold of Brescia. He set up two schools, Mont Saint Genevieve and Troyes. The former was a result of his disagreement with two of his teachers, Roscelin and William of Champeaux, over the problem of universals. However, his bigger disagreements were with the Council of Soissons and Canon Fulbert. FTP, name this author of *Calamitous History* and *Sic et Non*, the castrated lover of Heloise.

Answer: Peter **Abelard**

D15. The Danjon scale is used to describe the brightness of these events, with coloration varying from near black to bright copper-red or orange depending on the amount of dust in Earth's atmosphere. They only occur during full moon phases at the ecliptic, and crater timings can help determine the enlargement of the umbra. FTP name these events in which the moon passes entirely into the Earth's umbra.

Answer: **total lunar eclipse** (prompt on lunar eclipse)

D16. One of them is a love song of Corydon for Alexis, and another elegizes the death of Damon. Yet another is on the *Song of Silenus*, and the fourth and most famous of them hails a child who should bring back the golden age, either a son of Asinius Pollio or the expected child of Octavian. FTP, name these ten pastoral poems by Virgil, also known as the *Eclogues*.

Answer: **Bucolics** (accept early buzz of *Eclogues*)

D17. The creator of this theory improved on older theories by explaining the mental processes that underlie the use of language. This theory is comprised of two parts: the unconscious knowledge people have of their own language, called competence; and the way in which people use the language in reality, called performance. This distinction accounts for the universal similarities between all languages, and this theory was published in the 1957 seminal work *Syntactic Structures*. FTP, identify this linguistic theory purported by Noam Chomsky.

Answer: **transformational-generative** grammar

D18. The elephant with the broken tusk at the foot of the bed is a symbol of the title character's impotence. This symbol is partially obscured by a dark-skinned figure in a red turban attempting to rein in the title figure's horses. A servant girl serves carries a drink tray at the rear left, while another woman is brutally stabbed in the throat in the foreground. Another woman throws herself at the title character, who sits idly on his large red bed watching the chaos around him, knowing he is next to die. FTP, identify this painting that depicts the imminent death of a king, created by Eugene Delacroix.

Answer: *The **Death of Sardanapalus***

D19. In quantum scattering, it is characterized by a transmission coefficient of 1. In a series circuit it occurs at a frequency where the capacitive and inductive reactances are equal and opposite, resulting in minimum impedance. Tidal locked orbiting bodies are an example of this condition. FTP name this sharp increase in the energy absorbed by a system when the oscillation frequency matches the natural frequency.

Answer: resonance

D20. It was organized around – and named after – a fortress in Thüringen, Germany. Chief among its organizers were the future elector of Saxony, John Frederick, and the landgrave of Hessen, Philip the Magnanimous. It was formed to combat the power of Holy Roman Emperor Charles V, who defeated them at the Battle of Mühlberg in 1547. FTP, identify this defensive league that aided the spread of the Reformation and promoted Protestantism in 16<sup>th</sup> century Germany.

Answer: Schmalkaldic League

D21. Most of this novel's humor is provided by patrons of the Rainbow Inn. The pseudo-antagonist is married to Nancy Lammeter, but reveals the details of his past upon discovery of his brother, Dunstan Cass', body. Thus begins battle of custody for Eppie between Godfrey and the titular stingy weaver of Raveloe. FTP, name this novel by George Eliot.

Answer: Silas Marner