

2003 Singles

Set J

J1. *Good Morning Revolution* is a posthumous edition of his previously uncollected social protest writings. He's not known for his plays, but such ones as *Don't You Want to Be Free?* and *Simply Heavenly* were successes. He became known for his newspaper sketches as Jesse B. Semple and collections that included *Fields of Wonder* and *Shakespeare in Harlem*. FTP, name this poet of "Dream Deferred" and "The Weary Blues."

Answer: Langston **Hughes**

J2. The victor had his army anchored on a stream, the Maie, and his right rested on the namesake forest. He had Wadicourt on his left with Northampton pinching in a little closer. The opposing side did not wait for proper reconnaissance from its knights, and Philip VI's forces rushed to their doom. As a result the Black Prince received more credit than he should have. FTP, name this victory for Edward III in 1346 in the Hundred Years' War.

Answer: **Crecy**

J3. It can only be used when the sample is 20,000 daltons or smaller. The test solution is placed in a strong magnetic field and subjected to radio frequency pulses of electromagnetic radiation. Most commonly used in the carbon-13 and proton varieties, the structure can then be analyzed by the resultant peaks. FTP, name this type of spectroscopy, often abbreviated NMR.

Answer: **nuclear magnetic resonance** (accept early **NMR**)

J4. It lies on the slopes of the Serra Da Mantiqueira and nearby cities include Guarulhos, Mogi das Cruzes, and the port of Santos. Situated approximately 600 miles south of the national capital this city boasts the largest Japanese population in the world out side of Japan. FTP, name this city, the second largest in the Western Hemisphere, and the largest in Brazil.

Answer: **Sao Paulo**

J5. This work was the subject of a 1716 burlesque that Andre Marivaux wrote about its author. Its minor characters include Antenor, who argues for peace; Agenor, who appears quite late; and Dolon, a spy. Its final section ends with the lighting of a funeral pyre on the tenth day, and its memorable incidents include Pandarus' breaking of the truce and the exchange of armor between Glaucus and Diomedes. FTP, name this epic poem that recounts events of the Trojan War and which was composed by Homer.

Answer: *The **Iliad***

J6. Following the 55-year period during which their capital was moved to Samarra, their power became chiefly spiritual. It was under Mamun that their decline began, just one hundred years after they consolidated their power with the death of Marwan II. It was Mansour who moved their capital from Damascus to Baghdad and thus began their golden period. FTP, name this Arabic dynasty whose greatest ruler was Haroun al-Rashid in the 9<sup>th</sup>-century.

Answer: **Abassids**

J7. Characteristic features associated with this syndrome include low hairline, webbed neck, and edema of the hands and feet, especially at birth. The only known viable human monosomy, it generally results in no Barr body formation. The symptoms can be minimized with growth hormone and estrogen replacement therapy. FTP name this disorder in which a female only receives one X chromosome.

Answer: **Turner's** syndrome (prompt on monosomy X before monosomy is mentioned)

J8. The character of Perfacci made many appearances on the early seasons of this show. Lauren Ambrose has played three different characters on it and Dann Florek was the first chief and is now on an affiliated show. S. Epatha Merkerson is still on, but Stephen Hill's longtime role has been taken over by Dianne Wiest and more recently Fred Thompson. FTP, name this show that launched the careers of Angie Harmon and Benjamin Bratt and which stars Sam Waterston as prosecutor Jack McCoy.

Answer: **Law and Order**

J9. The poet desires first to be amid the delights of rustic scenes, then amid those of "towered cities" and the "busy hum of men." In all this the poet invokes the goddess Mirth to allow him to be with her. This idyll has a title that translates in English to "the cheerful man." FTP, name this 1632 poem by John Milton, the companion to "Il Penseroso."

Answer: "L'**Allegro**"

J10. It existed primarily due to the crown's need to finance the effort against the Covenanter Rebellion. Among its earliest acts was the execution of Thomas Wentworth, but these were less divisive than its issuance of the Grand Remonstrance and abolition of the Star Chamber. For a period of five years it was known as the "Rump," but the original was kept until it was dissolved in 1660. FTP, identify this English legislative body so-named because of its 20 year reign.  
Answer: **Long Parliament** (prompt on "parliament")

J11. The required ratio for this construction, sometimes called the Delian constant, is a non-Euclidean irrational number. The extension of the rationals generated by the cube root of 2 is degree 3, so this construction can't be accomplished with compass and straight edge, like angle trisection and squaring the circle. FTP name this problem of making a cube with twice the volume of a given cube.  
Answer: **doubling the cube** or **duplicating the cube** (prompt on **Delian problem**)

J12. As a youth he became an assistant to the engraver Hubert Gravelot but was fired for following around the painter Francis Hayman. In his final years, he painted in the genre of "fancy pictures," typified by the late canvas *The Mall*. More memorable works include *Perdita* and *Lady Innes*, painted after he set up a studio in Bath. His portraiture business equaled that of Joshua Reynolds after his *Mr. and Mrs. Andrews*, but it is a portrait of Jonathan Butall on which his fame rests. FTP, name this English painter of *The Blue Boy*.  
Answer: Thomas **Gainsborough**

J13. In this novel's latter section we meet Tashi, who pursues an education with Olivia, but returns to her subservient role. This contrasts with the protagonist's relationship with Shug Avery. The second half reveals Nettie's letters of Africa, while the first consists of Celie's letters to God. FTP, name this Pulitzer Prize-winning novel by Alice Walker.  
Answer: *The **Color Purple***

J14. He was markedly influenced by the mystic scholar Lorimer Denis and became a member of Les Groupe des Griots, a famous circle of writers. A supporter of President Dumarsais Estime, he went underground and organized resistance upon Estime's overthrow by Paul E. Magloire. After recovering from a 1959 heart attack, he imprisoned his aide, Clement Barbot, with whom he had founded the boeyemen, or Tontons Macoutes. FTP, name this physician who served 14 years as president of Haiti.  
Answer: **Francois Duvalier** or **Pap Doc Duvalier** (prompt on just "Duvalier" or just "Papa Doc")

J15. The first compelling data were collected by Vera Rubin and W. Ford. The evidence includes the Oort method, which measures the oscillation period of stars above and below the galactic plane; galaxy clusters with kinetic energies greater than half the expected gravitational energy, apparently violating the virial theorem; and rotation curves of spiral galaxies. Candidates include axions, WIMPs, and MACHOs. Outweighing normal matter by a factor of about 10, FTP name this non-luminous stuff.  
Answer: **dark matter**

J16. He is frequently mentioned in Vedic hymns as a counterpart of Varuna, while in another religion, he is associated with the goddess Anahata or Anaitis. His worship became the state cult of Armenia, and five kings of Georgia were named for him. Ahura Mazda ordered him to catch and slay a bull and thus he created the world. FTP, name this deity whose priests were known as magi, and whose cult was spread as far as Britain by Roman soldiers.  
Answer: **Mithra**

J17. By the end we find Mr. Peggotty, Em'ly, and Mrs. Gummidge in Austria, where a major character arrives as well. The title character was born in Blunderstone after the death of his father, and runs away as a youth to seek the kindness of his aunt Betsy Trotwood. As an adult, he marries the stupid Dora Spenslow but comes to realize his love for Agnes Wickfield. FTP, name this novel that also features Micawber's exposure of Uriah Heep, a work by Dickens.  
Answer: **David Copperfield**

J18. One of its leaders, Birkai, converted to Islam and refused to aid his relative Kit-Boga at Ain Jalut against the Mamelukes. Also known as the Ulus Juchi, they founded their capital on the lower Volga in the late 13th-century. FTP, name this ruling khanate that included Oz-Beg and Batu Khan, the part of the Mongol Empire based in Russia.  
Answer: **Golden Horde** or **Kipchak Khanate**

J19. The theory of vector current conservation in this process, proposed by Feynman and Gell-Mann, was confirmed by Chien-Shiung Wu, who solved the tau-theta puzzle when she observed parity violation in this process. It involves a W (read: W minus) boson which converts a down quark to an up quark. The neutrino was postulated to conserve momentum and energy in, FTP, what process in which a neutron is converted to a proton and an electron is emitted?  
Answer: **beta decay**

J20. Its authors praised Proudhon's *Philosophy of Misery* and attacked Metternich, who they claimed was corrupting the entire continent. The fourth and final part calls for and points to successful rebellions across Europe before stating

that "working men of all countries [should] unite!" FTP, name this 1848 pamphlet written by Frierich Engels and Karl Marx.

Answer: *The Communist Manifesto or Das Kommunistische Manifest*

J21. One of the title characters seems resigned to death, claiming, "We have no friend / But resolution, and the briefest end." That death is delayed until Act V and coincides with the suicides of Iras and Charmian. By that point, Eros dies for refusing to take his master's life, and yet another character, Fulvia's, death sparks the initial action. Enobarbus also dies, of guilt after defecting to Octavius' side. FTP, name this Shakespeare play about the love of a second triumvir and a queen of Egypt.

Answer: *Antony and Cleopatra*