

Scobol Solo 2019

Championship III (Phase III: Questions 41-50)



41. It was believed that vertebrates produced hyaluronan [“hi”-uh-luh-RAH-nun] instead of this substance, but late-20th-century studies found that developing zebra fish and frogs produce this polymer. This substance is often combined with either sclerotin [SKLAIR-uh-tin] or calcium carbonate in nature, which makes it stiffer. The de-acetyl-ation [dee-uh-SET-uh-lay-shun] of this substance produces a similar, water-soluble substance used to treat high cholesterol, Crohn’s disease, and dialysis side effects. The second carbon of the glucose in this substance binds to an acetyl amine [uh-MEEN] group, but other than that its structure is similar to cellulose. Name this major constituent of the exoskeletons of arthropods and the cell walls of fungi.

Answer: chitin [“KITE-in”]

42. The civil war that was fought in this country was between the Issa and Afar people. This country’s Ardoukoba [ar-doo-koh-bah] volcano separates its Lake Assal from Lake Ghoubet. The south part of this country contains the Grand Bara Desert as well as its second- and third-most populous cities, Ali Sabieh and Dikhil, the former of which is near red mountains. Much of this country’s population is near the Gulf of Tadjoura [tah-JOO-rah]. Most of this country’s population lives in its capital, which has the same name as this country. Name this country that is on the Horn of Africa and is surrounded by Eritrea [eh-rih-TREE-uh], Ethiopia, and Somalia.

Answer: (Republic of) Djibouti [jih-BOO-tee] [or (République de) Djibouti]

43. During the 1800s, Tony Clunn and Wolfgang Schlüter [SHLUR-ter] found remains from this battle near the village of Kalkriese [kahl-KREE-suh]. Just after this battle, the losing survivors fled to a fort at Aliso. The Battle of Idistaviso [ih-DISS-tah-VIZ-oh] was considered revenge for this battle by the victorious troops under Germanicus. During this battle, Rome’s 17th, 18th, and 19th legions were beaten: their aquilas were taken, and those legion numbers were never used again. This battle has been called “Rome’s greatest defeat” and “the Varian Disaster”. Name this 9 CE battle in which troops under Varius were defeated by Arminius, who led a Germanic alliance.

Answer: Battle of the Teutoburg [TOY-toh-burg] Forest

44. In a novel by this writer, a gang member named Butcher uses a bicycle spoke to kill a man on a train, and Boston takes the victim's wallet. In that novel, this author wrote about the development of a gang member after a female victim gives him a shoebox with an infant in it. This writer often performed alongside Zakes Mokae [zayks moh-kee] in one of his plays about the brothers Morris and Zachariah. Another play by this writer is set in a tea shop, where Sam and Willie practice dancing. In that play, this writer had Hally give a vicious racist tirade. Name this South African author of *Tsotsi* [TSAHT-see], *Blood Knot*, and "Master Harold"... and the Boys.

Answer: (Harold) Athol Fugard

45. This substance can enter Geodesic Acoustic Mode when it is contained in toroidal devices. The stellarator [STEL-uh-"rate"-ur] was designed to confine this substance at a Princeton lab now named for it. Our solar system has a few examples of the "dusty" type of this substance, which has small particles in it. If those small particles combine, the "grain" type of this substance occurs. This substance can be created by adding a strong electromagnetic field to a gas, which can cause Birkeland currents that look like moving strings. This type of substance is like a super-ionized gas with few if any electrons bound to atoms. Name this type of substance that is often called the "fourth state of matter" after solid, liquid, and gas.

Answer: plasma(s)

46. This person wrote "The verb 'to differ' seems to differ from itself." This person then justified using a new word to represent sameness which is not identical; that word is "différance" spelled with an 'a'. This person's book on Edmund Husserl's [HUSS-ur-ul'z] phenomenology [fuh-nah-min-NAH-luh-jee] states "By definition there can be no sign without signification, no signifying without the signified." This person wrote that connecting a writer with their history is part of the task of reading. This writer's talk "Structure, Sign, and Play in the Human Sciences" promoted post-structuralism. Name this leader in deconstructive criticism who wrote *Speech and Phenomena* and *Of Grammatology* [gram-uh-TAH-luh-jee].

Answer: (Jackie Élie) Jacques Derrida [deh-ree-dah]

47. As an opener for a *Music and the People* pageant, this composer wrote the very short piece *Flourish for Wind Band*. A folk song suite by this composer begins with *Seventeen Come Sunday* and has an intermezzo based on *My Bonny Boy*. Another work by this composer is based on another composer's song *Why Fum'th in Fight?*, which had been written over 300 years earlier for the Archbishop of Canterbury. Another work by this composer is based on a George Meredith poem. Name this English composer of *Fantasia on a Theme by Thomas Tallis* and *The Lark Ascending*.

Answer: Ralph [rayff] Vaughan Williams [prompt on partial last name]

48. One provision of this law was struck down by *Doe v. Gonzales*, a case filed by the Connecticut Four, a group of librarians who sued because they were not allowed to tell anybody they received a letter from the FBI demanding information. Russ Feingold of Wisconsin was the only senator to vote against this act. This act strengthened the Money Laundering Control Act of 1986 and the investigative powers of the Immigration and Naturalization Service. This act passed shortly after the *New York Post*, NBC News, and two Democratic senators received letters containing weaponized anthrax spores. Name this law passed in reaction to the 9/11 attacks that increased government surveillance.

Answer: USA PATRIOT Act [or Uniting and Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism Act of 2001]

49. A woman in this novel always appeared at the opera on the night of her annual balls. That woman, whose maiden name was Regina Dallas according to this novel, is married to a banker from England named Julius Beaufort who eventually goes broke, causing her to ask Manson Mingott for a loan. In this novel, the Mingotts host a countess who recently moved from Venice to New York and is commonly called “poor Ellen Olenska”. Name this novel about the engagement of Newland Archer and May Welland, written by Edith Wharton.

Answer: *The Age of Innocence*

50. This compound and phenol [fee-nawl] are produced by the cumene [“CUE-mean”] hydro-peroxide process. This compound is hydrogenated to produce iso-propyl alcohol. This compound is mixed with hydrogen peroxide to make the explosive TATP. In this compound, the central carbon is bonded to two methyl groups and double-bonded to oxygen. This compound is the simplest member of an organic functional group that has higher concentrations in blood when people fast or have untreated diabetes. Name this simplest ketone [“key-tone”] that is commonly used as a paint thinner and nail polish remover.

Answer: acetone [or propanone or 2-propanone or dimethyl ketone]

This is the end of the packet.