

Scobol Solo 2020

Championship IV (Phase IV: Questions 51-60)



51. This composer's second symphony begins with its three-measure opening motto played very quietly by the cellos and basses in E minor. The beginning of this composer's second piano concerto alternates between chords of at least seven notes and a very low F. Those pieces were written at the beginning of the 20th century, as this composer recovered from a depression brought on after sharp criticism of his first symphony. This composer was a well-known pianist, and his work based on Niccolò Paganini is sometimes classified as a piano concerto. Name this Russian composer of *Rhapsody on a Theme of Paganini*.

Answer: Sergei (Vasilyevich) Rachmaninoff

52. When Shechem [SHEH-kem] wanted to marry this woman's daughter, her sons convinced Shechem and his colleagues to get circumcised, and this woman's sons then killed Shechem and his family. This woman was the mother of Dinah, Reuben, Levi, Judah, and three other boys. This woman was the older daughter of Laban [LAY-bun], so Laban wanted her to be married before her sister, causing Laban to play a trick. After this woman married her husband under that false pretense, her husband worked for seven years so that he could also marry her sister. Name this first wife of Jacob and older sister of Rachel.

Answer: Leah

53. This poem asks "What sphinx of cement and aluminum bashed open their skulls and ate up their brains and imagination?". This poem answers that question with a combined reference to Fritz Lang's *Metropolis* and a Canaanite [CANE-uh-night] god. This poem repeatedly references drugs with the phrases "a belt of marijuana", "peyote solidities of halls", and "looking for an angry fix". This poem was dedicated to Carl Solomon, who complained that it was inaccurate because he was never in Rockland. Name this poem that begins "I saw the best minds of my generation destroyed by madness" and which was written by Allen Ginsberg.

Answer: "Howl"

54. Thanks to Cornelius Palma, this emperor gained control of the Nabataean [nab-uh-TEE-un] Kingdom, which he renamed Arabia Petraea [uh-RAY-bee-uh peh-TREE-uh]. One of this emperor's generals, Lusius Quietus, became the namesake of the Kitos War, which included the slaughter of Jews at Lydda. The King's Highway was constructed so this emperor could attack the Parthians. This Roman emperor's capturing of Sarmiz-e-gethusa [SAR-mih-zuh-geh-THOO-suh] caused Decebalus [deh-KEB-uh-luss] to commit suicide. That took place during this emperor's conquest of Dacia. Name this emperor between Nerva and Hadrian, making him the second of the Five Good Emperors.

Answer: Trajan [or Caesar Nerva Traianus Germanicus; do not accept or prompt on non-underlined names alone]

55. The "energy" named for this person equals the dot product of magnetic moment with magnetic field, and depending on the units can be multiplied by the Bohr magneton. That energy named for this person equals the potential energy of a magnetized object in a magnetic field. The "effect" named for this person was made before electron spin was discovered, so it was not possible to explain cases when it split into more than three components. That effect named for this person does not directly involve electric fields but is otherwise similar to the Stark effect. Identify this namesake of the splitting of spectral lines by a magnetic field.

Answer: Pieter Zeeman [ZEM-ahn] [accept Zeeman effect or Zeeman energy]

56. Josef Pieper [PEE-pair] wrote a guide to this writer and quoted him in another work, saying "The essence of happiness consists in an act of the intellect." G. K. Chesterton wrote a book about this person which is subtitled for a nickname he once had, "The Dumb Ox". A book by this writer asks several questions starting with "Whether, besides philosophy, any further doctrine is required?". In that book, this person used the First Mover argument as the first part of his five-fold proof for the existence of God. Name this 13th-century scholastic thinker who wrote *Summa Theologica* [SOO-mah thee-oh-LOHG-ee-kah].

Answer: (St.) Thomas Aquinas [uh-KWY-nuss] [or Tommaso d'Aquino or Thomas of Aquino; accept any underlined portion; prompt on Doctor Angelicus or Angelic Doctor]

57. When this painter's sister-in-law Elizabeth Macdowell got married, he made a life-size standing portrait of her husband Louis N. Kenton. That painting, which shows the subject with his hands in his pockets and looking downwards, is *The Thinker*. This painter made some paintings depicting the creation of the statue *Water Nymph and Bittern*, including the painting *William Rush and His Model*. For Philadelphia's 1876 Centennial Exhibition, this painter portrayed several doctors working on a patient's thigh while a famous surgeon delivers a lecture. Name this painter of *The Gross Clinic*.

Answer: Thomas (Cowperthwait) Eakins [AY-kinz]

58. In one novel by this author, one of the nurses names several baby boys after her father, John or after the doctor, Wilbur. In that novel, this author wrote about Wally being paralyzed after being shot down in Burma during World War II. This author set much of that novel at St. Cloud's Orphanage, where some women go to have abortions. Another novel by this author is about a man raised by Jenny Fields, a feminist who chooses to have a child without a husband. That child becomes a writer and a wrestling coach. Name this American author of *The Cider House Rules* and *The World According to Garp*.

Answer: John (Winslow) Irving [or John Wallace Blunt Jr.]

59. This process often begins with the Kozak consensus sequence, which includes a signal for meth-ionine [meh-"THIGH"-uh-neen]. The four phases of this process are initiation, elongation, termination, and recycling, and the initiation phase can be categorized as cap-dependent or cap-independent. This process is started by the protein called initiation factor. This process occurs until a release factor is created based on when a stop codon is reached. This process is the synthesis of proteins in the ribosome. Name this synthesizing of protein from mRNA that takes place after transcription.

Answer: translation [accept translating (m)RNA (into polypeptides); prompt on protein synthesis]

60. This minister appointed Jean Talon [zhahn tah-law'n] to a ministerial position that led to incentives for people to move to Canada and have children there. This minister encouraged intellectuals by starting the Académie Royale d'Architecture [ah-kah-deh-mee roy-ahl dar-shee-tekt-yur] and Académie des sciences [ah-kah-deh-mee deh see-awnss]. This minister reformed a tax system called the taille ["tile"] so that there was more supervision, including research into exemptions. This person had a major rivalry with Nicolas Fouquet [nee-koh-lah foo-kay] that included finding and revealing irregularities in Fouquet's accounts. Name this person who was highly praised by Cardinal Mazarin, leading Louis XIV [14] to make him Mazarin's successor as First Minister of State.

Answer: Jean-Baptiste Colbert [zhahn bahp-teest kohl-bear]

This is the end of the packet.