

New Trier Scobol Solo 2014

Championship Phase III



41. A major military exercise supported by the United States in this country is Cobra Gold. This country's National Anti-Corruption Commission is investigating a former prime minister because of two million tons of missing rice as part of a rice-pledging scheme. Its TRT Party dominated 2006 elections, but was then banned for five years after a military coup. The National Council for Peace and Order that now runs this country is a military junta headed by Prayuth Chan-ocha. This country's recently ousted prime ministers are the brother and sister Thaksin and Yingluck Shinawatra. Name this southeast Asian nation headed by King Bhumibol Adulyadej, Rama the Ninth from Bangkok.

Answer: (Kingdom of) Thailand [or Prathet Thai or Ratcha Anachak Thai]

42. This no-longer-existing kingdom originated the Order of Calatrava. Its first ruler founded a church to commemorate his victory at Saint Quirce and deposed a neighboring kingdom's Sancho the Fat. That 10th-century count was Fernán González. This was the first kingdom ruled by both Joanna the Mad and the House of Trastámara, and Joanna the Mad was supported by this kingdom's Revolt of the Comuneros. The language of this country gained prominence under Alfonso X, whose father united this country with León [lay-aw]. Name this kingdom whose Queen Isabella I married Ferdinand II of Aragon, eventually leading to the formation of Spain.

Answer: Kingdom of Castile [kaas-TEEL] [or Castilla]

43. One character in this novel jokes that a French family could live on what an English cook throws away, a few minutes after another character announces that she has lost her brooch. Another character in this novel is described as belonging to the great clan for which future prospects cloud what is actually at hand. That character, James, eventually takes an excursion with his father and his sister Cam. That father in this novel is a philosopher respected by the atheist Charles Tansley. During this novel, Lily Briscoe starts to paint a portrait of Mrs. Ramsay. Name this novel set in the Hebrides by Virginia Woolf.

Answer: To the Lighthouse

44. One model of this process treats the medium as continuous instead of as individual molecules, and is its implicit or continuum model. The generalized Born model describes this process, but fails to account for interactions such as hydrogen bonds. This process requires the formation of an entropically [en-TRAH-pik-lee] unfavorable cavity, but ends up leading to a decrease in entropy as this process results in a more ordered system. Ionic species in this process tend to form a complex known as its namesake “shell”. This process is sped up by stirring or shaking, and partial pressure varies with how much this process occurs in Henry’s law. Name this process of solutes and solvents associating, which often sees the dissociation of the solute.

Answer: solvation [accept dissolution or dissolving or word forms]

45. This leader made annual pilgrimages to the shrine of Khwaja at Ajmer, and he followed through on his promise to visit it on foot if he survived the capture of the fortress of Chittor. Despite his illiteracy, this person supported many intellectuals, including his biographer Abul Fazl. Despite his marriage to Mariam-uz-Zamani, this person often fought with members of her clan, the Rajputs. This leader increased the support from his subjects by creating the Din-e Ilahi religion to reconcile Islam with Hinduism and by ending the *jizya*, a tax on non-Muslims. Name this successor of Humayun and Babur who ruled as the third Mughal Emperor.

Answer: Akbar I [or Akbar the Great]

46. The Plessur torrent feeds this river near the ancient town of Chur. The anterior source of this river begins near Tomasee. This river splits into branches, forming the IJssel [EE-sul] and Waal Rivers. A narrow section of this river is the site of a large rock that — according to legend — houses maidens, the Lorelei. The old city of Lindau is located on Lake Constance, which this river flows through. At its delta, this river combines with the Meuse [“muse”] and Scheldt rivers, flowing into the North Sea. Name this river that forms parts of the borders of France, Switzerland, Austria, and the country that contains most of it, Germany.

Answer: Rhine River

47. This artist painted himself staring intently at the viewer as his hands clutch at his slightly long brown hair in a self-portrait titled *The Desperate Man*. Another work by this painter shows two men at work, one of whom is carrying a heavy object while the other is on one knee using a hammer. Several men and women gather together in an ‘S’ shape to witness the priest officiate at a funeral in another painting by this artist. This painter portrayed himself painting an outdoor scene while in a room surrounded by many of the people who had influenced his life in a work subtitled *A Real Allegory*. Name this artist of *The Stonebreakers*, *The Painter’s Studio*, and *A Burial at Ornans* [or-nawn].

Answer: (Jean Désiré) Gustave Courbet [goo-stahv kor-bay]

48. Mikhail Medvedev uses the process of quantum evaporation in the flavor-mixed multi-component model of this substance he proposed in 2014. A more common model, using the cosmological constant and particles that move far slower than the speed of light, is the lambda-CDM model. This substance was hypothesized after observations of the Coma cluster found fewer stars than expected, and most of this substance is classified as weakly interactive massive particles, or WIMPs. Name this substance believed to include about 27% of the mass-energy in the universe, and that is often contrasted with dark energy.

Answer: dark matter

49. One character in this novel complains both that his daughter was more like an armadillo than a loving, gentle girl and that his wife would rather milk cows than keep him company in the sitting room. An engagement party in this novel ends when the bride's dog staggers in with a butcher's knife stuck in his back. That dog, Barrabás, was originally found in a cage by the sea on a Holy Thursday, and on the same day the family learned of the death of Nivea's brother Uncle Marcos. In this novel, Clara del Valle [VYE-yay] has psychic powers and marries Esteban Trueba. Name this novel by the Chilean author Isabel Allende.

Answer: *The House of the Spirits* [or *La casa de los espíritus*]

50. This composer wrote the score for an Aleksandr Faintsimmer movie based on a Yury Tynyanov [TEEN-yah-nawff] novel. He used music from his opera *The Fiery Angel* and his ballet *The Prodigal Son* to write two of his symphonies, and he turned his ballet *The Tale of the Stone Flower* into four suites. This composer assigned the nickname *Classical* to his first symphony. In addition to writing the score for *Lieutenant Kijé*, this composer wrote "Dance of the Knights", which is also known as "Montagues and Capulets". Name this Russian composer who wrote a ballet and suites based on *Romeo and Juliet*, and who also wrote *The Love for Three Oranges* and *Peter and the Wolf*.

Answer: Sergei (Sergeyevich) Prokofiev