The search for alternative sources of energy

The search for alternative sources of energy has led in various directions. Many communities are burning garbage and other biological waste products to produce electricity. Converting waste products to gas or oil is also an efficient way to dispose of wastes.

Experimental work is being done to derive synthetic fuels from coal, oil shale, and coal tars, but to date that process has proven expensive. Other experiments are...
underway to harness power with giant windmills. Geothermal power, power from the earth’s heat, is also being tested.

Some experts expect utility companies to revive hydroelectric power derived from streams and rivers. Fifty years ago hydroelectric power provided one third of the electricity used in the United States, but today it supplies only four percent. The oceans are another potential source of energy. Scientists are studying ways to convert the energy of ocean currents, tides, and waves to electricity. Experiments are also underway to make use of temperature differences in ocean water to produce energy.

(D) 36. How many sources of energy are mentioned by the author in the article?
   (A) Two. (B) Three. (C) Four. (D) More than four.
   (B) 37. Which of the following sources of energy is NOT mentioned in the article?
   (A) Hydroelectric power. (B) Solar energy. (C) Geothermal power. (D) Burning of garbage and waste products.
   (A) 38. Which of the following can replace the term “synthetic fuels”?
   (A) Artificially made fuels. (B) Biological fuels. (C) Natural fuels. (D) Chemical fuels.
   (B) 39. Fifty years ago, the most of the electricity in the United States was provided by ________.
   (A) waste products (B) water (C) ocean tides (D) oil
   (A) 40. What is the best title for the article?
   (A) Seeking Other Sources of Energy. (B) Discoveries in Geothermal Power. (C) Well-organized Ways of Disposing of Waste. (D) The Utilization of Water for Energy.