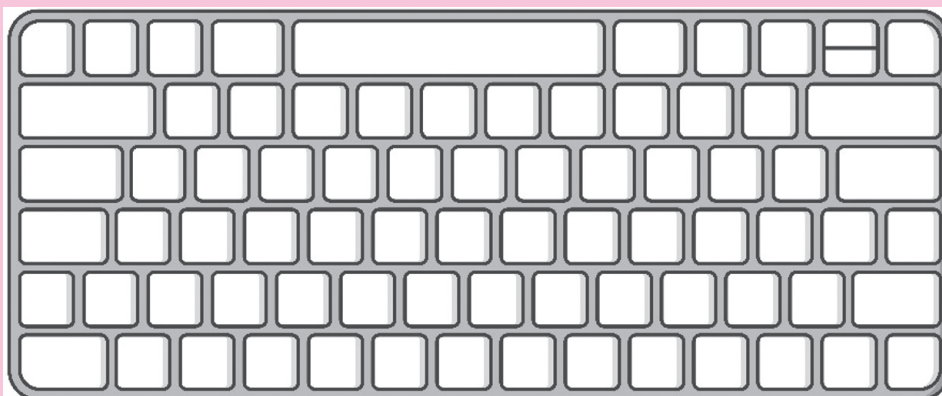


Let's Delve into *Science Reporter* and Find Out!

- a) It is a position that a skydiver makes during the dive to increase the air resistance, which results in slowing the terminal velocity. Which position is this?
- b) Can you name the process which aims to increase the reflectivity of the earth's surface through cloud brightening and the whitening of land or water surfaces to reduce solar radiation absorption?
- c) Do you know which environmental convention aims to control and reduce mercury emissions in the environment? India also ratifies it.
- d) It is a lung disease which occurs when crystalline silica particles are inhaled and deposited in the lungs. Workers in mining, construction, sandblasting, etc., are more prone to it. Name the disease.
- e) The CSIR launched the ICeNGESS project. Do you know which industry it will empower and pave the way for a cleaner, more energy-secure future?

Puzzling Keyboard!



Unlike a regular keyboard, the 26 alphabets printed on the keys are misplaced in a computer keyboard. However, they have a set pattern. Every letter is replaced with the next to next alphabet, which comes in order. For example, A is replaced with C, and in the same way, C is replaced with E and so on. So, let's do some mind boggling activity by decoding the sentence given below.

TGPWU KU VJG JQVVGUV RNCPGV

Unscramble the Scramble

Our atmosphere has five major layers, which are identified by temperature changes, chemical composition, movement, and density. So, unscramble these layers given below.

- a) POSPTROHERE
- b) TOSPHERESTRA
- c) HERESOSPME
- d) MOSPTHERHERE
- e) OSPHEREXE

Solutions to the Puzzles Published in November 2024

Let's Delve into Science Reporter and Find Out!

- a) Peter Salovey and John D Mayer
- b) ICMR-National Institute of Nutrition (NIN)
- c) Digital Eye Strain (DES)
- d) Surat, Gujarat
- e) Tata Institute of Fundamental Research (TIFR)

Unscramble the Scrambled

Supercomputers developed by India

- I. AIRAWAT
- II. PARAM Rudra
- III. Param 8000
- IV. PARAM Neel
- V. PARAM Vidya

Unscramble the Scrambled

Answer

K (Ionization energy 418 Kj/ml) < Ba (Ionization energy 502 Kj/ml) < Ir (Ionization energy 880 Kj/ml) < Ar (Ionization energy 1520 Kj/ml) < F (Ionization energy 1681 Kj/ml)