

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

- a) Do you remember who introduced the concept and term Emotional intelligence?
- b) Which institution has released the *Dietary Guidelines for Indians-2024*, a comprehensive guide for Indians to achieve health and well-being through balanced nutrition?
- c) Due to the prolonged use of digital electronic devices, a common problem arises, resulting in visual and ocular symptoms. Do you know what it is called?
- d) Which is the first Indian city to have a one-of-a-kind, one-kilometre long six-lane bituminous steel slag road?
- e) In a collaboration, various institutions from all around the world are participating in Dark Energy Spectroscopic Instruments (DESI) to reveal the mysteries of Dark Energy. Can you name which institution from India is participating in this research?

Unscramble the Scrambled

Supercomputers developed by India



- a) **AWATAIR**
Hint: India's largest and fastest AI supercomputing system
- b) **MARAP UDRAR**
Hint: To improve India's ability to predict weather and climate-related Phenomena
- c) **MARAP 0080**
Hint: India's first supercomputer
- d) **MARAP LEEN**
Hint: Developed under the National Supercomputing Mission (NSM) for R&D and Application development systems
- e) **MARAP DYAVI**
Hint: Developed under the National Supercomputing Mission (NSM) for education and training

Atoms and their Energy



Arrange the following periodic table elements in increasing order according to their first ionisation energy using their Atomic Number (AN) as a hint!

- ✚ Potassium (K), AN — 19
- ✚ Fluorine (F) AN — 9
- ✚ Argon (Ar), AN — 18
- ✚ Iridium (Ir) AN — 77
- ✚ Barium (Ba) AN — 156

Solutions to the Puzzles Published in August 2024

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- a) The Publications and Information Directorate (PID), New Delhi, published the first *Science Reporter* issue.
- b) Andrew Fire and Craig Mellow
- c) Carbohydrates that break down quickly during digestion have a higher Glycemic Index (GI).
- d) Anthocyanin, Betalain, and Carotenoids
- e) Ignaz Philipp Semmelweis

Let's meet one more flu



Answer: Polymer fume fever or Teflon flu