International Day for the Total Elimination of Nuclear Weapons

NATIONAL NEWS:

India, Bangladesh hold second edition of naval exercise in Northern Bay of Bengal

- The 2nd edition of Bongosagar, the bilateral naval exercise between India and Bangladesh, was held on 04.10.2020
- Indian Navy ships Kiltan, Khukri & Bangladesh Navy ships Abu Bakr, Prottoy, helo and MPA were indulged in this annual exercise

Fact: Bangladesh PM: Sheik Hasina

Capital: Dhaka

Currency: Bangladeshi taka

Global Virtual Summit on Artificial Intelligence

- The MEITY and NITI Aayog are organising the Mega Virtual Summit AI, RAISE 2020- 'Responsible AI for Social Empowerment 2020'.
- RAISE 2020 is a first-of-its-kind, attended by several leading AI experts from across the world to drive India's vision and roadmap for social transformation, inclusion and empowerment through responsible AI.

INTERNATONAL NEWS:

International Day for the Total Elimination of Nuclear Weapons

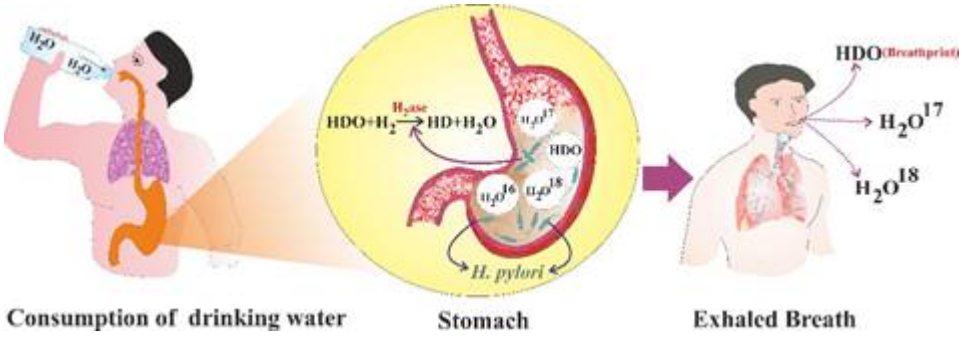
- The international day of International Day for the Total Elimination of Nuclear Weapons is observed on 26th September every year.
- "India committed to step by step process in the disarmament of nuclear weapons by non-discriminatory process", said by Harsh Vardhan Shringla, Foreign Secretary.

Fact: 1st International Day for the Total Elimination of Nuclear Weapons observed in - 2013

Minister of External Affairs - Subrahmanyam Jaishankar

MISCELLANEOUS:

New "BreathPrint" for detecting ulcer-causing gastric pathogen



- Scientists have found a method for early diagnosis of bacteria that causes peptic ulcer, with the help of a biomarker called 'BreathPrint' found in the breath.
- Dr Manik Pradhan and his research team at S. N. Bose National Centre for Basic Sciences, Kolkata, an autonomous institute of the Department of Science & Technology, Government of India, has recently spotted the new biomarker for diagnosis of Helicobacter pylori in semi-heavy water (HDO) in human exhaled breath.
- This method can be used to replace the traditional and painful methods of endoscopy and biopsy tests for the diagnosis of Helicobacter pylori, a common infection which may turn serious if it is not treated early.