

## (SOLUTION) Online Prelims TEST - 23 (SUBJECT WISE)

### 19 Correct Answer : B

#### Answer Justification :

**India has 25-30 per cent share in the global ship recycling industry. Ship recycling is carried out mainly at Alang-Sosiya in Gujarat. Hence Statement 1 is incorrect.**

The shipbreaking yards in Alang-Sosiya are located in the state of Gujarat around 50 km by road from the city of Bhavnagar. They were initially set up in 1983 and stretch on a 10 km long beach with a vast tidal range. **Alang-Sosiya is the world's largest shipbreaking site.** The Gujarat Maritime Board (GMB), a public body running all ports in Gujarat, regulates the shipbreaking yards in Alang-Sosiya. The GMB rents out shipbreaking plots to the shipbreakers on a 10-year lease basis.

It has high recycling potential of more than 450 ships (approximately 4.5 million LDT) per annum. Ship recycling serves the nation by producing about more than 3.5 million ton per annum **of rerollable steel without exploiting the natural resources and provides a green route to generate the secondary steel in place of generation of steel from the ore itself.**

### 20 Correct Answer : D

#### Answer Justification :

**Both the statements are incorrect.**

Transport Mission Mode Project has successfully automated RTO operations, set up a consolidated transport database. Along with it, a host of citizen and trade centric applications have also been implemented. **The salient aspects of this Mission Mode Project are two flagship applications - Vahan and Sarathi. While Vahan consolidates vehicle registration, taxation, permit, fitness and associated services across the country, Sarathi looks after the driving license, learner licence, driving schools and related activities.** This has been implemented in more than 1,000 RTOs across 13 states/UTs with state-specific rules, tax structure, etc.

### 21 Correct Answer : C

#### Answer Justification :

**Biotechnology Industry Research Assistance Council (BIRAC) is a not-for-profit Section 8, Schedule B, Public Sector Enterprise, set up by Department of Biotechnology (DBT), Government of India as an Interface Agency to strengthen and empower the emerging Biotech enterprise to undertake strategic research and innovation, addressing nationally relevant product development needs.**

**BIRAC is a industry-academia interface** and implements its mandate through a wide range of impact initiatives, be it providing access to risk capital through targeted funding, technology transfer, IP management and handholding schemes that help bring innovation excellence to the biotech firms and make them globally competitive.

### 22 Correct Answer : A

#### Answer Justification :

As part of the Indian government's initiatives for better understanding of glacier-climate interrelationship and quantify the Himalayan glacier responses towards the climate change, **National Centre for Antarctic and Ocean Research (NCAOR), Goa, under the Ministry of Earth Sciences has established a high altitude research station in Himalaya called HIMANSH. HIMANSH is a dedicated Research Station established at Sutri Dhaka, Chandra Basin, Lahaul-Spiti valley of Himachal Pradesh which has an altitude of 4080m amsl.**

Objectives: To facilitate Himalayan Cryosphere Studies in Chandra basin to study the dynamics and the rate of change of Himalayan glaciers to understand its impact on hydrology and climate.

### 23 Correct Answer : C

#### Answer Justification :

**Both the statements are correct.**

**The Indian Tsunami Early Warning Centre (ITEWC) established at Indian National Centre for Ocean Information Sciences, (INCOIS), Hyderabad, under Ministry of Earth Sciences is the national authority to issue tsunami advisories for India.**

**The ITEWC functions as an approved Tsunami Service Provider of the Indian Ocean Tsunami Warning & Mitigation System (IOTWMS) that is an integral part of the Global Tsunami Warning and Mitigation System, established and coordinated by the Intergovernmental Oceanographic Commission (IOC) of UNESCO.**