



**MCQs:**

**1. Which of the following statement/s is/are true?**

1. Biochemical oxygen demand (BOD) is the amount of dissolved oxygen (DO) needed (i.e. demanded) by aerobic biological organisms to break down organic material.

2. 'Water is a concurrent subject under Indian constitutional provisions.

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ans: c

**Explanation:**

- Biochemical oxygen demand (BOD) is the amount of dissolved oxygen (DO) needed (i.e. demanded) by aerobic biological organisms to break down organic material present in a given water sample at a certain temperature over a specific time period.

**2. e-HRMS 2.0 is related with?**

(a) Mining License

(b) Manufacturing Hub allocation

(c) Electricity Auction

(d) Personnel Management

Ans: d

**Explanation:**

- Mining, manufacturing, and electricity are the three broad sectors in which IIP constituents fall.
- Department of Personnel and Training (DoPT) has launched revamped e-HRMS 2.0 portal for central government employees HR Management.

**3. Malacca Strait connects?**

(a) Andaman Sea and the South China Sea



(b) South China Sea to Atlantic Ocean

(c) Indian Ocean to Read Sea

(d) Red Sea to Atlantic Ocean

**Ans: a**

**Explanation:**

- It connects the Andaman Sea and the South China Sea
- It is a narrow stretch of water, between the Malay Peninsula to the northeast and the Indonesian island of Sumatra to the southwest.

**4. Which of the following statement/s are true?**

1. Photovoltaic cell, is an electronic device that converts the energy of light directly into electricity.

2. An organic solar cells consisting of a combination of an organic polymer and PCBM (an organic semiconductor).

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

**Ans: c**

**Explanation:**

- An organic solar cells consisting of a combination of an organic polymer and PCBM (an organic semiconductor) developed on steel substrates can potentially convert a steel roof into an energy-producing device with greater efficiency than those currently available in the market.

**5. Losar Festival is associated with?**

(a) Rann of Kutch

(b) Ladakh



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(c) Lakshadweep

(d) Dadra Nager Haveli

**Ans: b**

**Explanation:**

- Ladakh has celebrated Losar Festival on December 24, to mark the Ladakhi New Year.