



in the past decade has it started to become more widely recognized that the temperature of the global ocean is also being significantly affected as a result of the effect that the carbon dioxide and other potent greenhouse gases are having in the Earth's atmosphere.

- The heating of seawater and progressive acidification are not the only major global consequences of greenhouse gases emissions in the marine realm. It has been known for some decades that nutrient run-off from agriculture causes oxygen-depleted zones to form in the sea, as life-giving oxygen is used up in the water column and on the sea floor. **This phenomenon is called 'ocean deoxygenation'. Ocean deoxygenation: everyone's problem tells the scale and nature of the changes being driven by ocean deoxygenation.**

Refer: <https://www.iucn.org/theme/marine-and-polar/our-work/climate-change-and-oceans/ocean-deoxygenation>

9. "A Race We Can Win. A Race We Must Win", sometimes mentioned in the news, is related to:

- Theme of UNEP Summit-2019
- Theme of G20 Summit-2020
- Theme of UN Climate Action Summit-2019
- Theme of International Labour Organization Summit-2020, on 'Migrant Workers'

Ans: (c)

Explanation:

- **The UN 2019 Climate Summit convened on the theme, "Climate Action Summit 2019: A Race We Can Win. A Race We Must Win."**
- The goal of the summit was to further climate action to reduce greenhouse gas emissions to prevent the mean global temperature from rising by more than 1.5 °C (2.7 °F) above preindustrial levels.

Refer: <https://www.un.org/en/un75/climate-crisis-race-we-can-win>

10. The Global Carbon Project (GCP) is an organisation that seeks to quantify global greenhouse gas (GHGs) emissions and their causes. With reference to this, its projects include global budgets for which of the following greenhouse gases?

- Carbon dioxide
- Carbon monoxide
- Methane
- Sulphur dioxide
- Nitrous oxide

Select the correct answer using the code below:

- 1, 2 and 4
- 2, 3, 4 and 5
- 1, 3 and 5