

2. Ecology and Environment

- 1) Consider the following statements regarding TRAFFIC.
1. It is a joint initiative of WWF and IUCN.
 2. It is governed by UNEP.
 3. It aims to ensure that trade in wild plants and animals is not a threat to the conservation of nature.

Which of the above statements is/are correct?

- a) 3 only
- b) 2, 3
- c) 1, 3
- d) 1, 2, 3

Solution: c)

TRAFFIC is an organization that was established in 1976 by **WWF and IUCN** as a wildlife trade monitoring network.

TRAFFIC is a leading **non-governmental organisation** working globally on **trade in wild animals and plants** in the context of both biodiversity conservation and sustainable development.

- 2) The terms bawari, nadi and khadin are associated with
- a) Various caste systems in ancient India
 - b) Different administrative related terms used during the period of Palas
 - c) Sangam literature
 - d) Traditional water conservation structures

Solution: d)

Ecologically safe engineering marvels of **water conservation** have existed in India for nearly 1,500 years, including **traditional systems of water harvesting**, such as the **bawari, jhalara, nadi, tanka, and khadin**.

- 3) Global Assessment Report on Biodiversity and Ecosystem Services is a report by
- a) World Wide Fund for Nature (WWF)
 - b) Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services
 - c) UN Environment (UNEP)
 - d) Conservation International

Solution: b)

The first ever Global Assessment Report on Biodiversity and Ecosystem Services, which assessed the status of biodiversity on the planet, said that the rate of decline in biodiversity is lower in areas where indigenous people own land.

The **Global Assessment Report on Biodiversity and Ecosystem Services** is a report by the United Nations' **Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services**, on the global state of biodiversity.

- 4) Which of the following pairs is/are correctly matched?
1. Buxwaha protected forest : Madhya Pradesh
 2. Balukhand Wildlife Sanctuary : Maharashtra
 3. Bhagwan Mahaveer Wildlife Sanctuary : Odisha

Select the correct answer code:

- a) 1 only
- b) 1, 2
- c) 1, 3