



- 5 (a) Among the most severe environmental challenges that the world is facing is climate change. At the centre of climate change science are the increasing concentrations of carbon dioxide (CO<sub>2</sub>) and other greenhouse gases in the earth's atmosphere caused by the activities of man. This has led to the development of international climate change legal regime, which aims to address the global problem of climate change so as to attain the 'stabilisation of greenhouse gas concentrations in the atmosphere at a level that would prevent dangerous anthropogenic interference with the climate system'. It is however, noteworthy, that the international climate change legal regime is a conglomerate of key international environmental law conventions. Discuss.
- (b) At an inaugural lecture, a Professor of International Environmental Law made the following assertions "The United Nations Convention to Combat Desertification has promoted a range of initiatives and pilot projects around the world that illustrate how sustainable land management can combat desertification and restore degraded lands". Favour is a bit confused about the professorial assertions and has approached you for a better explanation. Provide a concise but detailed explanation to Favour.
6. (a) Biodiversity, or biological diversity, refers to the variety of life on Earth, encompassing all living organisms, their genes, and the ecosystems they inhabit, including terrestrial, marine, and freshwater environments. Sadly, there has been the decline or disappearance of the variety of life on Earth, often due to human activities like habitat destruction, invasive species, pollution, and overexploitation. In a bid to protect and mitigate the loss of biodiversity, the international community have adopted an international environmental treaty and two additional protocols. **Discuss the international legal regime for the protection biological diversity.**
- (b) The Ozone layer acts as our planet's natural shield, absorbing harmful ultraviolet radiation from the sun. However, the discovery of a hole in the ozone layer over Antarctica by scientists raised a global concern on the main reasons for the ozone hole and steps to control ozone layer depletion. This renewed global concern has led to the adoption of an international environment treaty, a protocol, and several amendments. **In the light of the foregoing, discuss the legal regime for the protection of the ozone layer.**