

The World Health Organization (WHO) points out that since 1990, 420 million hectares of forests have been lost through conversion to other land uses — agriculture, industrial use and biofuels — in order to feed 11 billion humans by the end of this century. The Food and Agricultural Organisation (FAO) has published the Global Forest Resources Assessment, and points out that 31% of the land on earth is covered by forests. When trees are felled, they lead to the accumulation of carbon dioxide in the atmosphere and hence, global warming. Deforestation increases 11% of the global greenhouse gas emissions (CO₂, CH₄, N₂O, SO₂, and chlorofluorocarbons). Trees release water into the atmosphere during transpiration, and this comes down as rainfall. Thus, deforestation has double effects. About 30% of the earth's land area (3.9 billion hectares) is covered by forests. The total forest cover in India is about 8 lakh sq km, which is 22% of the total geographic area of the country. Of these, the twin islands of Andaman and Nicobar have 87% of the total area. The Himalayan States of Jammu and Kashmir, Uttarakhand, and Himachal Pradesh have about 21,000, 24,000 and 16,000 sq km of forest area, respectively. Yet, the government of India has removed a significant fraction of trees in order to build underpass and overpass highways in these regions. Likewise, Goa has about 2,219 sq km forestation. Yet, the government there has cut trees with the idea of connecting Mumbai to Goa by a fourlane highway. Around 31,000 trees are being cut by local authorities. Giant banyan trees Likewise, the National Highways Authority of India (NHAI) is set to start the expansion of the 45km stretch of NH163, from two to four

lanes. Towards this, they want to destroy 9,000 banyan trees in Chevella Mandal in Telangana.

Q 1. Why people do deforestation?

A. Agricultural use

B. Biofuels

C. industrial Use

D. All of them

Q 2. What is the impact of Deforestation?

A. Industries grow rapidly

B. Emission of greenhouse gases

C. Both A and B

D. effect on Agriculture

Q 3. The Forest Area of Himachal Pradesh is

A. 21000

B. 16000

C. 24000

D. 2219

Q 4. According to the passage What is the most reason for cut down trees?

A. Due to industrial effect

B. Make Highways

C. Make 4 lane Highways

D. To enhance agriculture

Q 5. How much land of india is covered by forests

A. 30%

B. 20%

C. 22 %

D. 18 %

DEFENCE CHAMPIONS