



26 February 2025

Telangana State Regional News

<p>Places in news: Mukhara (K)</p>	<p>Why in news?</p> <ul style="list-style-type: none"> Recently, Mukhara (K), a village in the district, has pioneered a unique approach to tree conservation by launching the Digital Tree Aadhaar initiative. By integrating technology with environmental efforts, the village has become the first in the country to geo-tag and assign QR codes to every tree, ensuring systematic monitoring and long-time survival. <p>Key Points:</p> <ul style="list-style-type: none"> Just as Aadhaar cards serve as identification for citizens and facilitate access to government schemes, the “Digital Tree Aadhaar” initiative was launched to create a database tracking the conditions of trees. Under this initiative, every tree in the village has been geo-tagged and assigned a QR code. By scanning the code, one will receive complete information — health, age, oxygen production, growth patterns, and precise location — of the tree.
<p>BioAsia 2025</p>	<p>Why in news?</p> <ul style="list-style-type: none"> In his keynote address at BioAsia 2025, former NITI Aayog CEO Amitabh Kant emphasized that India must shift from being a manufacturing hub in the pharmaceutical sector to becoming a global leader in innovation. <p>Key Points:</p> <ul style="list-style-type: none"> BioAsia 2025 is a life sciences and healthcare conference in Hyderabad, India that will showcase startups and drive innovation in the sector. With a lineup of inspirational speakers and industry experts, BioAsia 2025 aims to engage leaders, MSMEs, and startups in discussions to position India as a global leader in the Life Sciences sector. T The event is poised to serve as a 'Catalyst of Change'.
<p>Metabolic Dysfunction-Associated Fatty Liver Disease (MAFLD)</p>	<p>Why in news?</p> <ul style="list-style-type: none"> A study by the University of Hyderabad (UoH) suggests that IT employees are susceptible to Metabolic Dysfunction-Associated Fatty Liver Disease (MAFLD). <p>Key Points:</p> <ul style="list-style-type: none"> NAFLD (also referred to as metabolic dysfunction-associated steatotic liver disease, or MASLD) is the accumulation of extra fat in liver cells that is not related

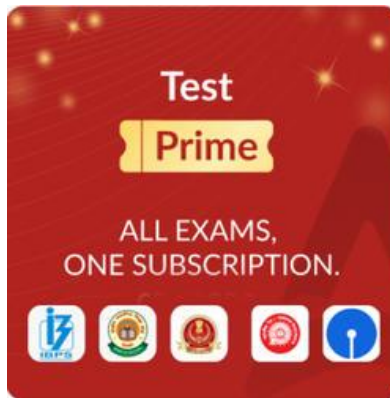


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	<p>to alcohol consumption.</p> <ul style="list-style-type: none"> • It can progress to serious conditions like liver inflammation, fibrosis, cirrhosis, and even liver cancer. • While it's normal for the liver to have some fat, having more than 5-10% of the liver's weight as fat is considered a fatty liver (steatosis). • NAFLD is the most common chronic liver disease in the world, affecting about 25% of people globally.
<p>Heat waves</p>	<p>Why in news?</p> <ul style="list-style-type: none"> • A heatwave has been predicted for the next five days in Telangana. <p>Key Points:</p> <ul style="list-style-type: none"> • Heat waves are prolonged periods of excessively hot weather that can cause adverse impacts on human health, the environment, and the economy. • In India IMD defines heatwave based on the following criteria. • Physiography of regions <ul style="list-style-type: none"> ○ Plain– The maximum temperature recorded at a station is 40 degrees Celsius or more. ○ Coast- The maximum temperature recorded at a station is 37 degrees Celsius or more. ○ Hills- The maximum temperature recorded at a station is 30 degrees Celsius or more. • Based on Departure from Normal Temperature <ul style="list-style-type: none"> ○ Heat Wave- Departure from normal is 4.5°C to 6.4°C ○ Severe Heat Wave- Departure from normal is >6.4°C





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