



## Prelims bits 22-09-2017

### Molecular robot

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- Recently scientists have created the world's first 'molecular robot' millionth of a millimetre in size.

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- To put that size into context, a billion of these robots piled on top of each other would still only be the same size as a single grain of salt.

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- These tiny robots can be programmed to move and build molecular cargo using a tiny robotic arm.

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- It can be used to build molecules and may help discover novel drugs.

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### Khelo India

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- The Cabinet committee on economic affairs has approved the revamp of the Khelo India.

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- It is a National Programme for Development of Sports, which aims to enable a pathway from schools to Olympics.

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- Earlier the initiative focussed on infrastructure development, it will ensure all-round growth in its revamped form.

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- Each athlete selected under the new scheme will get a scholarship of Rs.5 lakh per annum for eight years.

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- The government also aims to set up 20 universities across the country as

hubs of sporting excellence.

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## **Swachhta Pakhwada**

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- Recently Ministry of Tourism planned to undertake Cleanliness campaign in selected tourist spots.
- It is an environment awareness campaign under Swachh Bharat Mission.
- It is for achieving total sanitization and cleanliness by October 2, 2019 under Swachh Bharat Mission.
- Under the campaign a theme wise “Swachh Bharat Fortnight” is being organised by different Ministries.
- It is a voluntary exercise and objective is to create awareness, target programmes, invite pledges, spending of CSR etc.
- It has also been followed by private institutions and corporates groups.

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## **Intelligent Transportation Systems (ITS)**

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- NITI Aayog and the International Road Federation, Geneva (IRF Geneva) have signed a Statement of Intent (SoI) to cooperate in the field of Intelligent Transportation Systems (ITS).
- According to this statement, National Platform will be created and it will provide a coherent and consistent National ITS Policy covering domains such as traffic and parking management, enforcement, and security.
- The objectives of this national ITS Policy will be to contribute to reducing urban traffic congestion, improving road safety, and improving the security of passenger and goods traffic.

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## **Electric vehicles & last mile connectivity**

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- Hyderabad Metro Rail Limited is planning to provide last mile connectivity to commuters through EVs.

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- This will ensure the comfort of commuters and reducing the carbon emissions.

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- This would be showcased when stretch of about 30 km of the 72-km-long elevated metro rail project gets commissioned in November 2017.

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## **Young Entrepreneurs of TRIFED (YET)**

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- Young Entrepreneur Development Programme of TRIFED plans to expand sale operations by empanelling young sales men/women.

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- These sales people will undertake house to house campaign for sale of tribal products.

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- They will be paid a commission of 10% on net sales.

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- By this revamped plan every tribal products will have a Tribal Craft Mark in form of hologram/ label/tag for its genuineness and authenticity.

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## **TRIFED**

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- It is a PSU under Ministry of Tribal Affairs.

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- Its objective is to promote tribal art and craft for the benefit of tribal artisans of the country

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- It works on the scheme Institutional Support for Development & Marketing of tribal products/produce.

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**Source: PIB, Indian Express, Business line**

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