Prelim Bits 15-01-2017

Highest altitude telescope:

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- China has started the construction of the world's highest altitude gravitational wave telescope – **Ngari N0 1**, in Tibet to detect primordial gravitational waves, which have never been detected.
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- Tibet is considered as the best location in the northern hemisphere to detect the G-waves due to thin air and its dry climate, which reduces the influences of moisture on the primordial sub millimeter G-waves.
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- The primordial gravitational waves were created about 13.8 billion years ago by the Big Bang explosion.
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- Gravitational waves are ripples in the space-time caused by the disruptive waves from the massive accelerating objects such as neutron stars or black holes orbiting each other.
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- The ripples travel at the speed of light through the universe, carrying information about its origin and nature of gravity.
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Health Insurance Schemes:

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- The government of Karnataka has initiated various health insurance schemes to provide "Tertiary Health Care" for treatment of catastrophic illness through an identified network of super-speciality hospitals.
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- **Rajiv Arogya Bhagya Scheme -** The scheme is specially designed for

Above Poverty Line (APL).
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- **Jyoti Sanjeevani Scheme -** The scheme is to provide health services for the Government Employees.
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- **Vajpayee Arogyashree Scheme -** This Scheme is to provide Health Protection to families living below Poverty line.
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