

WORD LIST-2 (APR 08, 2023)

1. [the road ahead](#) (noun) – the future.
2. [The Laser Interferometer Gravitational-Wave Observatory \(LIGO\) - India](#) (noun) – It is a planned advanced gravitational-wave observatory to be located in India as part of the worldwide network, whose concept proposal is now under active consideration in India and the USA. LIGO-India is envisaged as a collaborative project between a consortium of Indian research institutions and the LIGO Laboratory in USA, along with its international partners.
3. [contribute to](#) (verb) - play a part in, be instrumental in, be a factor in.
4. [sustenance](#) (noun) – means of support, support, maintenance.
5. [set up](#) (phrasal verb) – form, create, establish.
6. [gravitational wave](#) (noun) – a distortion or movement like a ripple in the space, caused by violent and energetic processes in the Universe.
7. [operational](#) (adjective) - functioning, working, running; in operation.
8. [era](#) (noun) – time, period, epoch.
9. [pinpoint](#) (verb) – find accurately; detect, identify, discover, determine.
10. [throw up](#) (phrasal verb) – produce; create and bring it to notice.
11. [gravitational physics](#) (noun) – a branch of physics that deals with a force that exists among all material objects in the universe.
12. [aid](#) (verb) – support, help, assist.
13. [precision](#) (noun) - accuracy, correctness, strictness, severity.
14. [sophisticated](#) (adjective) – complex, complicated, intricate, subtle, delicate.
15. [ultimately](#) (adverb) - finally, in the end, at long last.
16. [cement](#) (verb) – establish something firmly.
17. [reputation](#) (noun) – good name, standing, status, position, image.
18. [Big Science](#) (noun) – it refers to large-scale scientific research involving projects funded often by a national government, various governmental agencies or international entities. They require equipment, constructions and approaches that cost a lot of money - hundreds of millions or even billions of dollars.
19. [timely](#) (adjective) – prompt, punctual, opportune.
20. [reckon with](#) (phrasal verb) – take into account, take into consideration, bear in mind, take note of, consider.

Note:

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21. afford (verb) – offer, provide, give.
22. contested (adjective) – disputed, debated, challenged, argued.
23. Challakere Science City (noun) – Challakere, is a small village/town in Karnataka's Chitradurga district, 200 Kms from Bangalore. In 2009, the government had declared its intention to turn the town into a 'Science City', diverting approximately 10,000 acres of land in the farming village towards the development of commercial, scientific and military facilities. Challakere is now home to a township that includes divisions of the ISRO, Defence Research and Development Organisation (DRDO), Indian Institute of Science, as well as the Bhabha Atomic Research Centre. This will be first of its kinds and will create one of India's largest science hubs.
24. stalled (adjective) – obstructed, impeded, hindered, hampered, blocked, interrupted.
25. India-based Neutrino Observatory (INO) (noun) – it is a multi-institutional effort aimed at building a world-class underground laboratory with a rock cover of approx. 1200 m for non-accelerator based high energy and nuclear physics research in India.
26. tract (noun) - area.
27. inevitable (adjective) – unavoidable, unpreventable.
28. implications (noun) – consequence/outcome, ramification, repercussion.
29. backdrop (noun) – situation, scenario, context.
30. sustainable (adjective) – supportable, acceptable, trustworthy, reasonable, sensible, reliable, dependable, well-founded (without disturbing the balance of nature and then without exhausting all of the natural resources).
31. carbon sequestration (OR) carbon sink (noun) – a natural environment (forest or reservoir) which absorbs and stores carbon (greenhouse gases) from the atmosphere and thereby maintains a balance. (carbon sequestration is the process by which the forest removes and stores carbon from the atmosphere).

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32. interplay (noun) – interaction, cooperation.
33. settler colonialism (noun) – the removal and erasure of Indigenous peoples in order to take the land for use by settlers permanently.
34. hold sacred (phrase) – value highly, express admiration for.
35. contention (noun) - argument, claim, opinion.
36. render (verb) – cause to be/become, make.
37. colonisation (noun) - In practice, colonialism is when one country violently invades and takes control of another country, claims the land as its own, and sends people — “settlers” — to live on that land.
38. trail verb) – follow.
39. undertaking (noun) - project, enterprise, venture.
40. amplify (verb) – increase, raise, intensify, heighten, escalate, magnify.
41. good faith (noun) – honesty, sincerity, integrity, uprightness, goodness.
42. outreach (noun) – the level of reaching out/activity/effort; involvement.
43. on a par with (phrase) – as good as, on a level with, comparable with, equivalent to.
44. contemplate (verb) – consider, think about, deliberate about, reflect on.

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