



R.C.REDDY
IAS STUDY CIRCLE

TEST-1 ANALYSIS (CA)

By Gautam

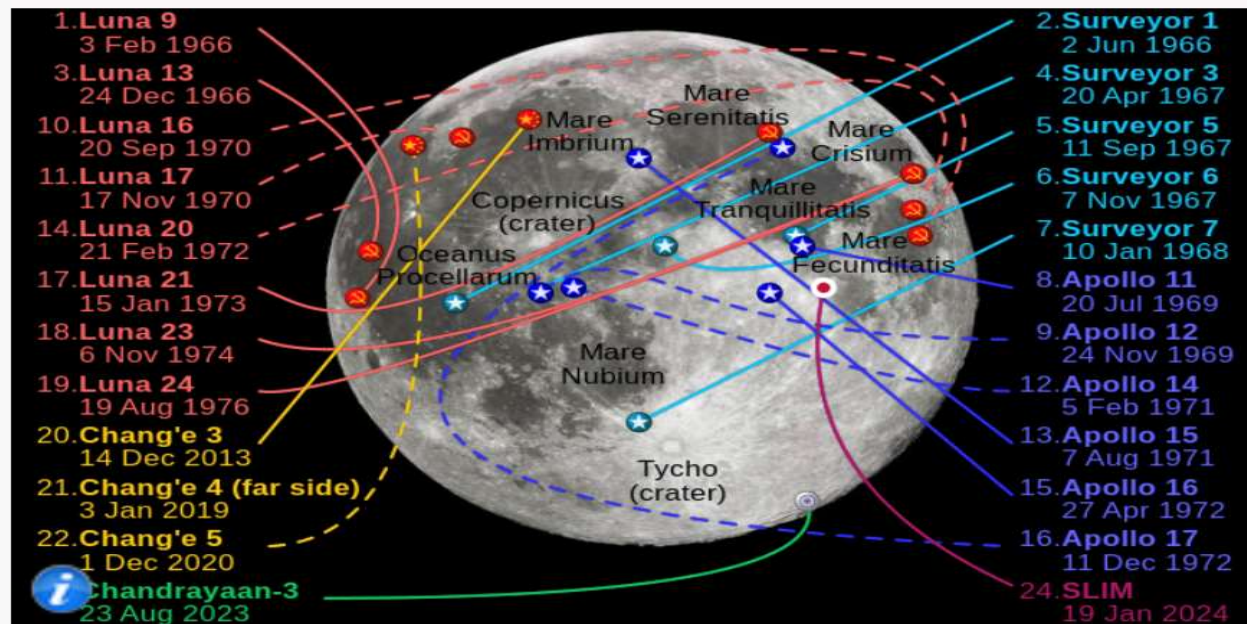
1. Bihu, Assam
2. Ambubachi Mela, Assam
3. Losar Festival, Arunachal Pradesh
4. Mopin Festival, Arunachal Pradesh
5. Nyokum Festival, Arunachal Pradesh
6. Ziro Festival of Music, Arunachal Pradesh
7. Lui-ngai-ni, Manipur
8. Yaosang, Manipur
9. Nongkrem Dance Festival, Meghalaya
10. Wangala Festival, Meghalaya
11. Shillong Cherry Blossom Festival, Meghalaya
12. Chapchar Kut, Mizoram
13. Anthurium Festival, Mizoram
14. Moatsü, Nagaland
15. Aoleang Festival, Nagaland
16. Hornbill Festival, Nagaland
17. Losoong Festival, Sikkim
18. Saga Dawa, Sikkim
19. Kharchi Puja, Tripura



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Clickable map of the locations of all successful [soft landings](#) on the near side of the [Moon](#) to date (top).

- | | |
|--|--|
|  Luna programme (USSR) |  Surveyor program (US) |
|  Chang'e program (China) |  Apollo program (US) |
|  Chandrayaan program (India) |  SLIM (Japan) |

Dates are landing dates in [Coordinated Universal Time](#). Except for the Apollo program, all soft landings were uncrewed.



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Natural Fibers

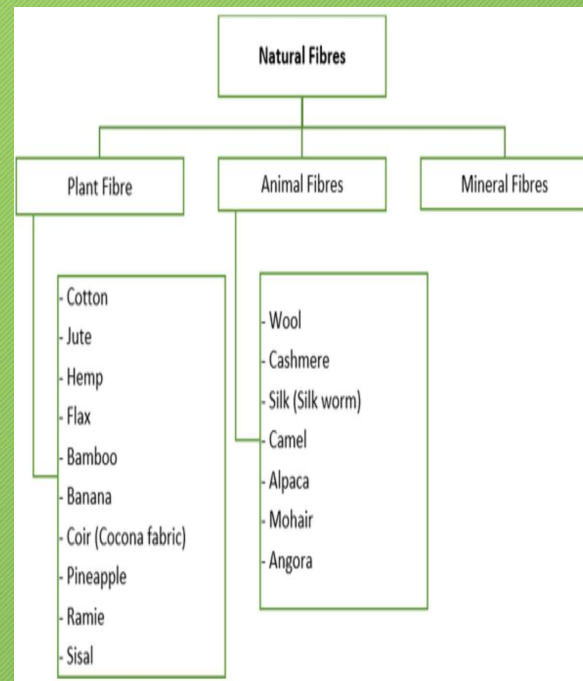
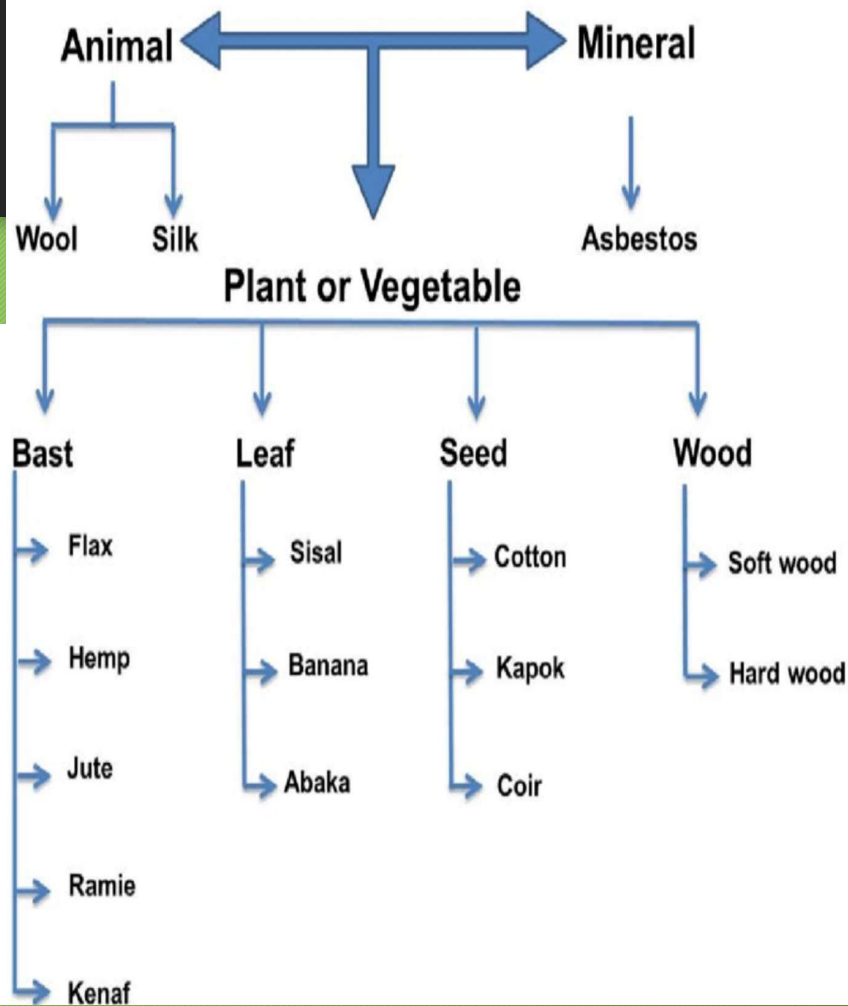


Plate 1
Immature sisal plant



Plate 2



Group ↓		Radioactive Element																18		
Period →		1	2											13	14	15	16	17	18	
1		1 H Hydrogen																		2 He Helium
2		3 Li Lithium	4 Be Beryllium											5 B Boron	6 C Carbon	7 N Nitrogen	8 O Oxygen	9 F Fluorine	10 Ne Neon	
3		11 Na Sodium	12 Mg Magnesium											13 Al Aluminum	14 Si Silicon	15 P Phosphorus	16 S Sulfur	17 Cl Chlorine	18 Ar Argon	
4		19 K Potassium	20 Ca Calcium	21 Sc Scandium	22 Ti Titanium	23 V Vanadium	24 Cr Chromium	25 Mn Manganese	26 Fe Iron	27 Co Cobalt	28 Ni Nickel	29 Cu Copper	30 Zn Zinc	31 Ga Gallium	32 Ge Germanium	33 As Arsenic	34 Se Selenium	35 Br Bromine	36 Kr Krypton	
5		37 Rb Rubidium	38 Sr Strontium	39 Y Yttrium	40 Zr Zirconium	41 Nb Niobium	42 Mo Molybdenum	43 Tc Technetium	44 Ru Ruthenium	45 Rh Rhodium	46 Pd Palladium	47 Ag Silver	48 Cd Cadmium	49 In Indium	50 Sn Tin	51 Sb Antimony	52 Te Tellurium	53 I Iodine	54 Xe Xenon	
6		55 Cs Cesium	56 Ba Barium	57-71 Lanthanoids*	72 Hf Hafnium	73 Ta Tantalum	74 W Tungsten	75 Re Rhenium	76 Os Osmium	77 Ir Iridium	78 Pt Platinum	79 Au Gold	80 Hg Mercury	81 Tl Thallium	82 Pb Lead	83 Bi Bismuth	84 Po Polonium	85 At Astatine	86 Rn Radon	
7		87 Fr Francium	88 Ra Radium	89-103 Actinoids**	104 Rf Rutherfordium	105 Db Dubnium	106 Sg Seaborgium	107 Bh Bohrium	108 Hs Hassium	109 Mt Meitnerium	110 Ds Darmstadtium	111 Rg Roentgenium	112 Cn Copernicium	113 Nh Nihonium	114 Fl Flerovium	115 Mc Moscovium	116 Lv Livermorium	117 Ts Tennessine	118 Og Oganesson	
*Lanthanoids		57 La Lanthanum	58 Ce Cerium	59 Pr Praseodymium	60 Nd Neodymium	61 Pm Promethium	62 Sm Samarium	63 Eu Europium	64 Gd Gadolinium	65 Tb Terbium	66 Dy Dysprosium	67 Ho Holmium	68 Er Erbium	69 Tm Thulium	70 Yb Ytterbium	71 Lu Lutetium				
**Actinoids		89 Ac Actinium	90 Th Thorium	91 Pa Protactinium	92 U Uranium	93 Np Neptunium	94 Pu Plutonium	95 Am Americium	96 Cm Curium	97 Bk Berkelium	98 Cf Californium	99 Es Einsteinium	100 Fm Fermium	101 Md Mendelevium	102 No Nobelium	103 Lr Lawrencium				





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TAIWAN

Kinmen archipelago

The isles, which are part of Taiwan, lie less than 10km (6.2miles) from the Chinese mainland and the metropolis Xiamen.





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<u>Reports</u>	<u>Released By</u>
1.Global Economic Prospect Report	WorldBank
2.WorldDevelopmentReport	WorldBank
3.Ease of Doing Business Report	WorldBank
4.Logistic Performance Index	WorldBank
5.Ease of Living Index	WorldBank
6.Remittance Report	WorldBank
7.WorldEconomicOutlook	International Monetary Fund
8.Global Financial Stability Report	International Monetary Fund
9.WorldTradeReport	WorldTradeOrganization
10.GlobalTradeBarometer	WorldTradeOrganization



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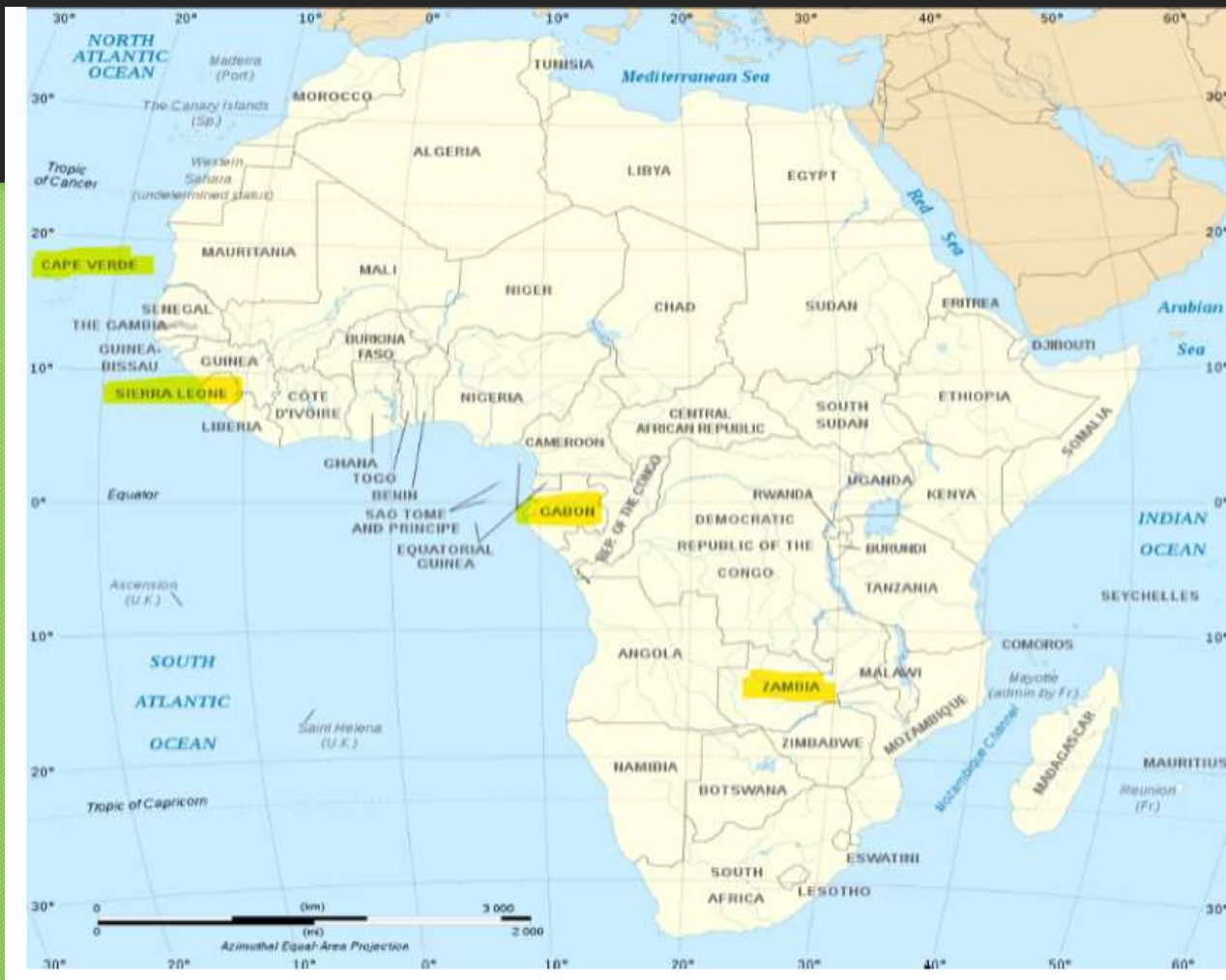
11.GlobalCompetitivenessReport	WorldEconomicForum
12.Travel&TourismCompetitivenessReport	WorldEconomicForum
13. Future of Jobs Report	WorldEconomicForum
14. Global Gender Gap Index	WorldEconomicForum
15. Global Risk Report	WorldEconomicForum
16.WorldEmployment&SocialOutlook Report	International Labor Organization
17.GlobalWageReport	International Labor Organization
18.WorldInvestmentReport	UNCTAD
19.TradeandDevelopmentReport	UNCTAD
20.WorldEconomicSituation&Prospect	UN-DESA
21. Financial Stability Report	Reserve Bank of India



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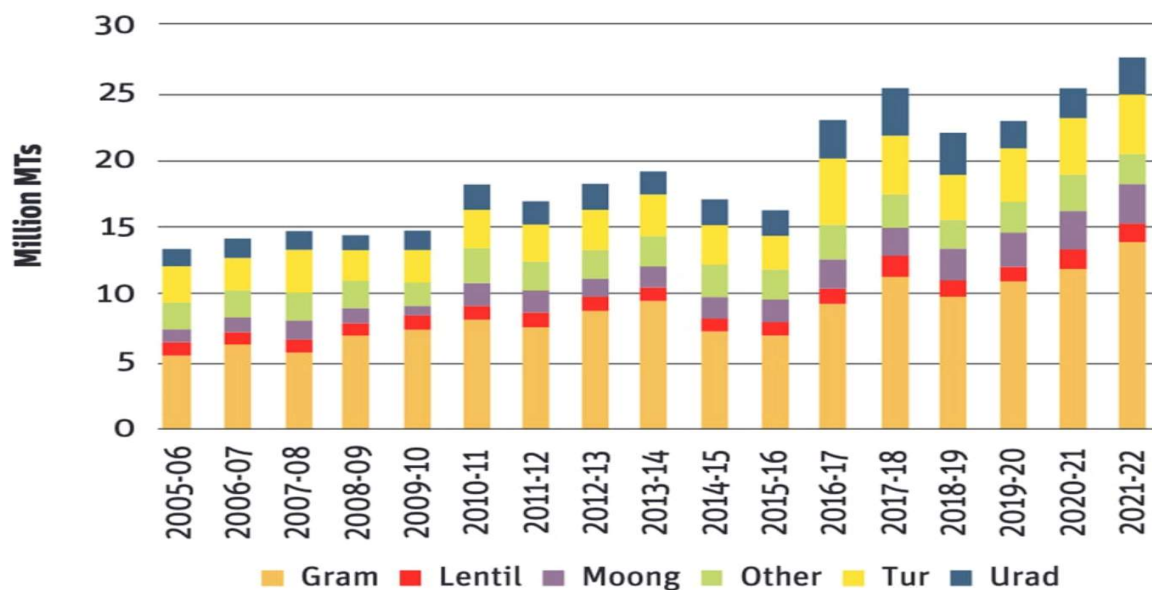




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INDIA'S PULSE SELF-SUFFICIENCY QUESTIONED

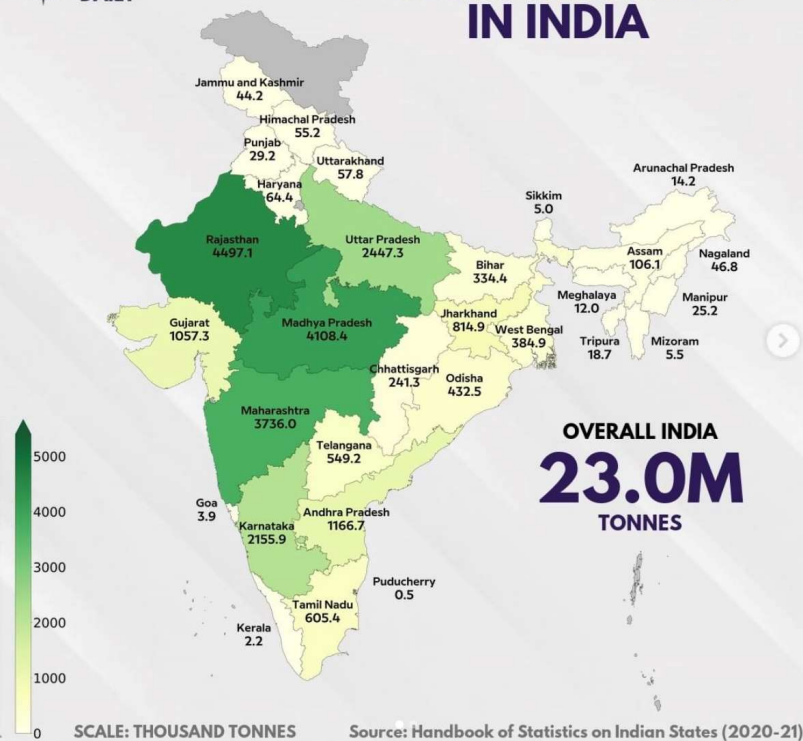
India's pulse production has been on the rise of late but industry officials don't think it will be able to keep up with demand in the coming years, which means rising imports.



Source: Global Pulse Confederation | WP GRAPHIC



PULSES PRODUCTION IN INDIA





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JOINT MILITARY EXERCISES OF INDIA

Sl. No.	Country	Exercise
1	Australia	Ex AUSTRAL HIND, Ex AUSINDEX, EX PITCH BLACK
2	Bangladesh	Ex SAMPRITI. IN-BN CORPAT. IN-BN BILAT. IN-BN SF EXERCISE. TABLE TOP EX. SAMVEDNA
3	Brazil & South Africa	IBSAMAR
4	China	Ex HAND IN HAND
5	Egypt	Ex CYCLONE
6	France	Ex SHAKTI. Ex VARUNA. GARUDA
7	Indonesia	Ex GARUDA SHAKTI. IND-INDO CORPAT IND-INDO BILAT
8	Israel	Ex BLUE FLAG
9	Japan	Ex DHARMA GUARDIAN. Ex JIMEX
10	Kazakhstan	Ex KAZIND
11	Kyrgyzstan	Ex KHANJAR
12	Malaysia	Ex HARIMAU SHAKTI. Ex IN-RMN BILAT. HOP EX
13	Maldives	Ex EKUVERIN. EX EK ATI LX
14	Mongolia	Ex NOMADIC ELEPHANT
15	Myanmar	Ex 1MBEX. IMCOR. IN-MN BILAT. TABLE TOP EX
16	Nepal	Ex SURYA KIRAN
17	Oman	Ex AL NAGAH. NASEEM-AL-BAHR. Ex EASTERN BRIDGE
18	Qatar	ZA IR AL BAHR
19	Russia	EX INDRA. EX AVIAINDRA
20	Seychelles	Ex LAMITIYE
21	Singapore	SI.MBEX. JOINT MILITARY TRAINING
22	Sri Lanka	Ex MITRA SHAKTI. SLINEX. IN-SLN SF Ex. SAMVEDNA
23	Thailand	Ex MAITREE. INDO-THAI CORPAT. Ex SIAM BHARAT
24	UAE	DESERT EAGLE
25	UK	Ex AJEY WARRIOR. KONKAN. INDRADHANUSH



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Coastal Regulation Zone Notification, 2018



Index

CRZ I A: Eco-sensitive areas

CRZ I B: Inter-tidal areas

CRZ II: Areas which have been developed up to or close to the shore

CRZ III A: CRZ-III areas, where the population density is more than 2,161 per sq km as per 2011 Census

CRZ III B: Areas with population density of less than 2,161 per sq km, as per 2011 Census

CRZ IV A: 12 nautical miles from the Low Tide Line towards the sea

CRZ IV B: Tidal influenced waterbodies

NDZ: 50 metres from High Tide Line in CRZ III A areas, 200 m from HTL in CRZ-III B areas



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	Food	Fertiliser	Fuel	Total
2014-15	1,17,671.16	71,075.62	60,268.82	2,49,015.6
2015-16	1,39,419	72,415.17	29,999	2,41,833.17
2016-17	1,10,172.96	66,312.93	27,538.71	2,04,024.6
2017-18	1,00,281.69	66,467.57	24,460.49	1,91,209.75
2018-19	1,01,327	70,604.8	24,836.95	1,96,768.75
2019-20	1,08,688.35	81,124.33	38,528.78	2,28,341.46
2020-21	5,41,330.14	1,27,921.74	38,454.64	7,07,706.52
2021-22	2,88,968.54	1,53,758.1	3,422.6	4,46,149.24
2022-23	2,72,802.38	2,51,339.36	6,817.37	5,30,959.11
2023-24BE	1,97,350	1,75,099.92	2,257.09	3,74,707.01
2023-24RE	2,12,332	1,88,893.8	12,240	4,13,465.8
2024-25BE	2,05,250.01	1,63,999.8	11,925.01	3,81,174.82

BE: Budget Estimates; RE: Revised Estimates.

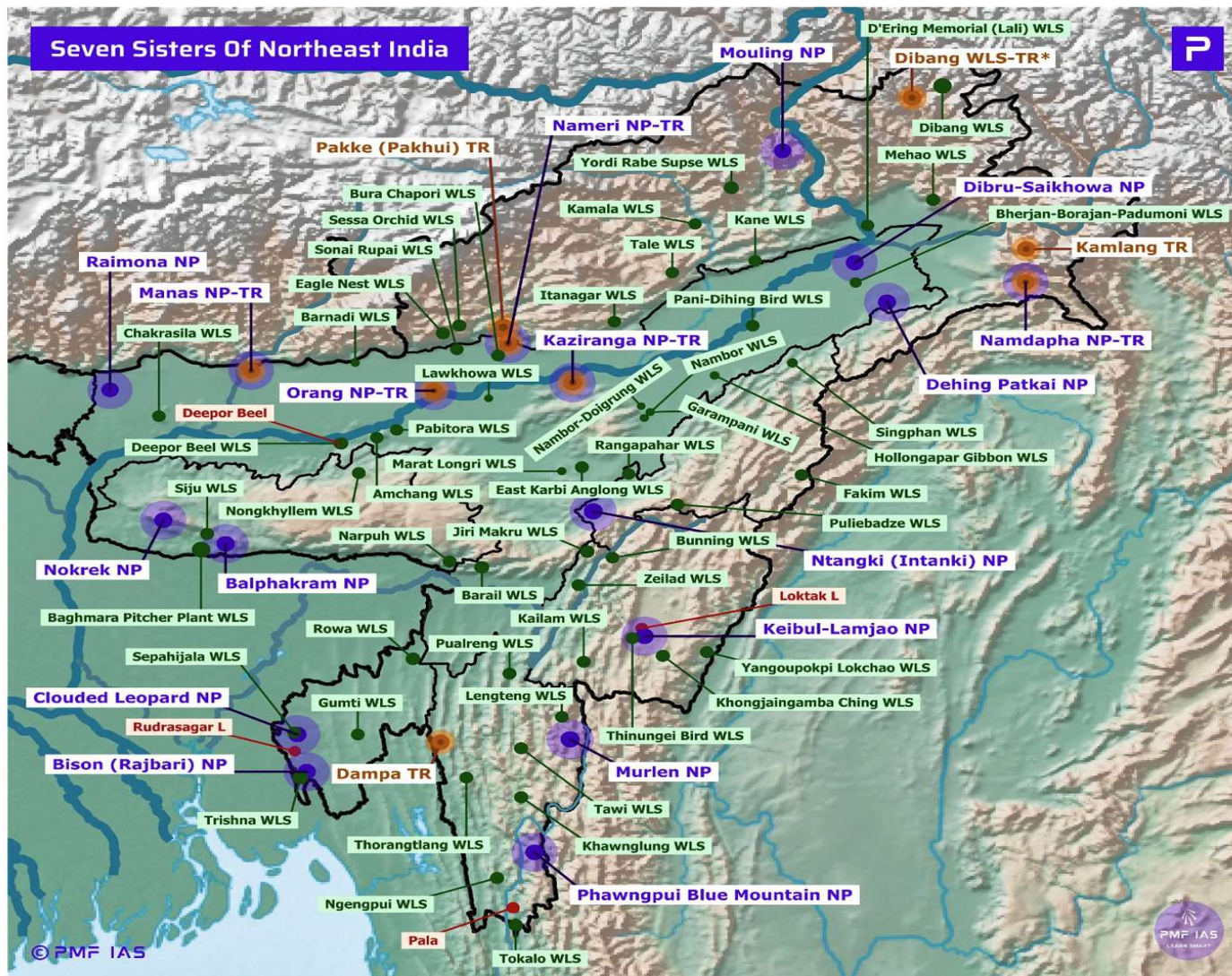


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Seven Sisters Of Northeast India



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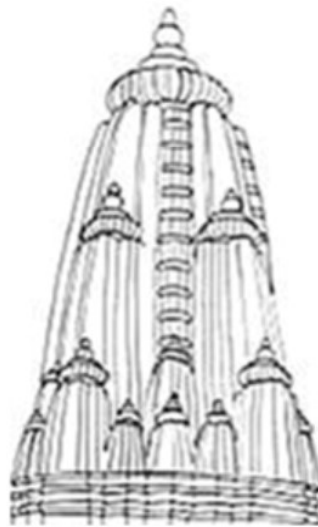
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Types of shikhara in North Indian style

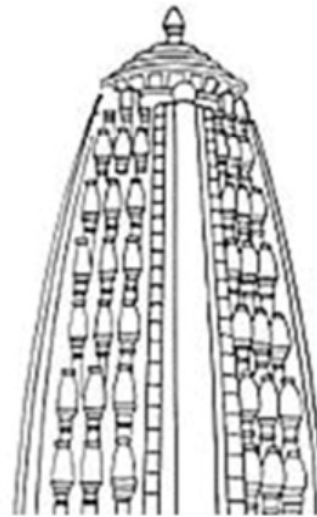
The shikhara underwent a notable transformation over the centuries and from region to region. The main 3 types – for example



LATINA



SHEKHARI

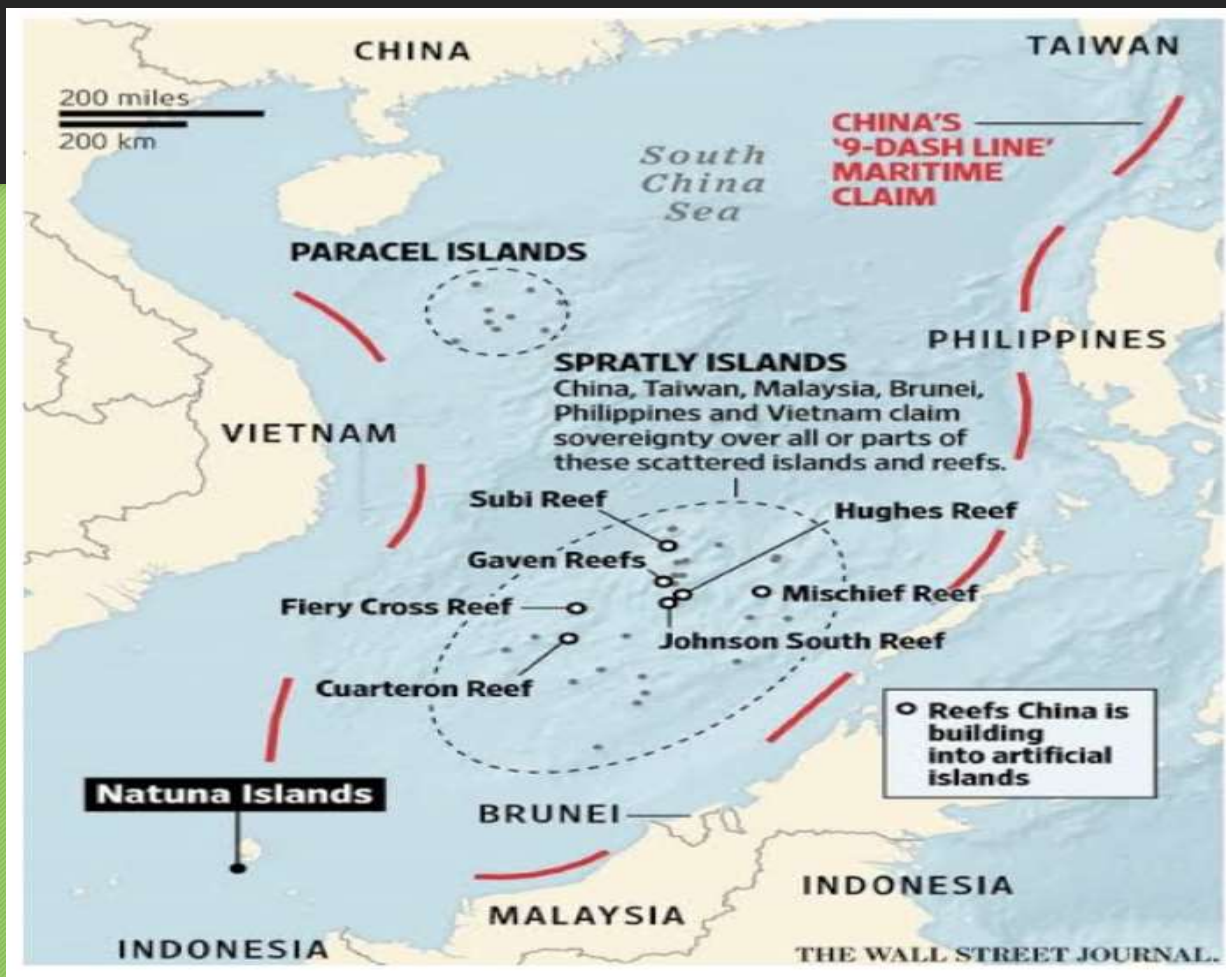


BHUMIJA

Types of shikhara in nagara style














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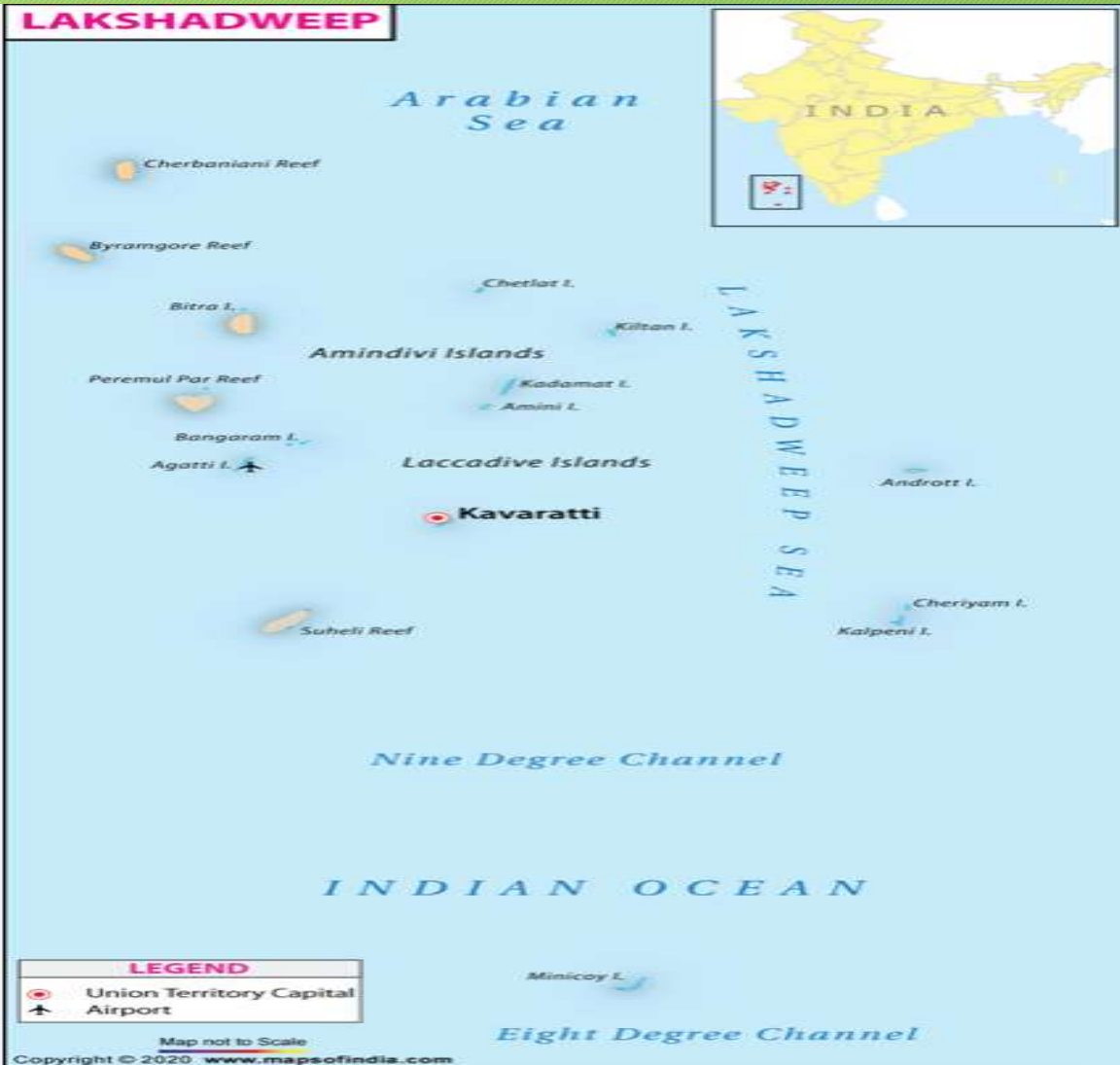
Hydrogen colour palette

Colour code	 Brown	 Grey	 Blue	 Turquoise	 Green
 Energy source	Coal or lignite	Natural gas	Any non-renewable energy source	Methane	Any renewable energy source
 Process of getting hydrogen	Gasification	Steam methane reformation	Steam methane reformation and carbon capture & storage	Pyrolysis	Electrolysis of water
 Highest to lowest greenhouse gas emissions					
 Lowest to highest acceptance level					



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LAKSHADWEEP



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WaterBody	CountriesAssociated
AralSea	Kazakhstan, Uzbekistan, Turkmenistan, Tajikistan
LakeChad	Chad,Cameroon,Niger,Nigeria
DeadSea	Israel,Jordan,Palestine
ColoradoRiverDelta	Mexico,UnitedStates
LakeUrmia	Iran
LakePoopo	Bolivia
TonleSapLake	Cambodia
GreatSaltLake	UnitedStates
LakeBaikal	Russia,Mongolia
LakeTiticaca	Peru,Bolivia



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Lake Victoria	Kenya, Tanzania, Uganda
Okavango Delta	Angola, Botswana, Namibia
Syr Darya	Kazakhstan, Kyrgyzstan, Tajikistan, Uzbekistan
Mekong River	Cambodia, Laos, Myanmar, Thailand, Vietnam
Indus River	China, India, Pakistan
Murray-Darling Basin	Australia
Yangtze River	China
Amu Darya	Afghanistan, Turkmenistan, Uzbekistan, Tajikistan,



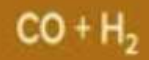
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EuphratesRiver	Iraq,Syria,Turkey
CaspianSea	Azerbaijan, Iran, Kazakhstan, Russia, Turkmenistan
LakeChad	Chad,Cameroon,Niger,Nigeria
OwensLake	UnitedStates
LakePowell	UnitedStates
SaltonSea	UnitedStates
PoyangLake	China

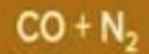


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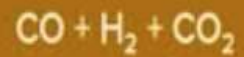
Water Gas



Producer Gas



Synthesis Gas



Marsh Gas



