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Indus Valley town planning, drainage and the Great Bath

Source references

S1 NCERT, Themes in Indian History Part I, Class XII, Theme 1: Bricks, Beads and Bones. Official PDF and IIT Kanpur SATHEE reproduction. Source 1 Source 2

S2 NCERT, Our Pasts I, Class VI, chapter 3: In the Earliest Cities. Rationalised 2023–24 edition, pp. 23–26; listed reproductions. Source 1 Source 2 Source 3

S3 UNESCO World Heritage Centre, "Archaeological Ruins at Moenjodaro". Source

S4 UNESCO World Heritage Centre, "Dholavira: a Harappan City". Source

S5 R.S. Bisht, Excavations at Dholavira 1989–2005, Archaeological Survey of India, 2015. Source 1 Source 2

S6 Press Trust of India report in The Tribune, 27 July 2021. Source

S7 Harappa.com (specialist website on the Indus civilisation; captions by J.M. Kenoyer): "Great Bath" ; "Granary and Great Hall" ; Harappa introduction pages Source 1 Source 2 Source 3

S8 Wikipedia, "Great Bath, Mohenjo-daro" (citing J.M. Kenoyer's slide essays on Harappa.com, and Upinder Singh, A History of Ancient and Early Medieval India, 2008, pp. 149-150). Source

S9 B.K. Thapar, "Kalibangan: A Harappan Metropolis Beyond the Indus Valley", Expedition (Penn Museum), 1975. Source

S10 Wikipedia, "Lothal" (citing S.R. Rao, Lothal, 1985, pp. 17-18 and 28-29; L.S. Leshnik, American Anthropologist, 1968; P. Yule, Lothal, 1982, p. 31). Source

S11 Encyclopaedia Britannica, "Lothal". Source

S12 UNESCO World Heritage Centre, news item of 27 July 2021, "Cultural sites in Africa, Arab Region, Asia, Europe, and Latin America inscribed on UNESCO's World Heritage List". Source

S13 Consulate General of India, Shanghai, and Ministry of Culture: Dholavira inscription, 27 July 2021. Source 1 Source 2

S14 UNESCO World Heritage Centre, Tentative List, "Archaeological remains of a Harappa Port-Town, Lothal". Source

S15 NCERT official Class XII PDF, reprint 2026–27, pp. 5–8, 15–16, 25. Source

S16 Lawrence S. Leshnik, “The Harappan Port at Lothal: Another View”, American Anthropologist 70 (1968), original paper. Source

S17 S.R. Rao, Lothal and the Indus Civilization, p. 66, excerpt reproduced by Harappa.com. Source

S18 J.M. Kenoyer, Great Bath description at Harappa.com. Source

DAY 15 · TOPIC 142

Centre-State legislative relations: Union, State and Concurrent Lists

Source references

S1 Legislative Department, Ministry of Law and Justice, The Constitution of India (as on 1 May 2024), the official print. Source

S2 Government of India, The Constitution of India, Part XI, "Relations between the Union and the States" (copy hosted by the Ministry of External Affairs). Source

S3 The Constitution (One Hundred and First Amendment) Act, 2016 (assent 8 September 2016), official text hosted by the GST Council Secretariat. Source

S4 Government of India, The Constitution of India, Seventh Schedule (copy hosted by the Ministry of External Affairs; a print earlier than 2016). Source

S5 The Constitution (Forty-second Amendment) Act, 1976, text on constitution.org. Source

S6 Government of India, The Constitution of India, Part VI, "The States" (copy hosted by the Ministry of External Affairs). Source

S7 Government of India, The Constitution of India, Part XIII, "Trade, Commerce and Intercourse within the Territory of India" (copy hosted by the Ministry of External Affairs). Source

S8 Wikipedia, "Reserved powers" (citing Nerenberg, Griffiths and Courtois, Handbook of Federal Countries, 2002, Forum of Federations; and the Constitution of Australia, s. 107). Source

S9 Wikipedia, "Union List" (citing the Seventh Schedule, MEA; and Hardgrave and Kochanek, India: Government and Politics in a Developing Nation, 7th edition, 2008, p. 146). Source

S10 Wikipedia, "State List" (citing the Seventh Schedule, MEA, and the Lok Sabha Secretariat's "Constitution Amendment in India"). Source

S11 Wikipedia, "Concurrent List" (citing the Seventh Schedule, MEA, and the Constitution (Forty-second Amendment) Act, 1976). Source

S12 Wikipedia, "Sarkaria Commission" (citing The Tribune, 8 March 2005, and indowindow.net). Source

S13 Wikipedia, "Madan Mohan Punchhi". Source

S14 Earlier topics of this programme, cross-references: Topic 132, "Federal features and unitary bias of the Constitution"; Topic 124, "Centre-State financial relations"; Topic 104, "Amendment procedure: Article 368"

S15 Government of India, The Constitution of India, Seventh Schedule, a print later than 2016 with the 101st Amendment footnotes (hosted by the Ministry of Panchayati Raj, page last updated 15 February 2023). Source

S16 Ministry of Home Affairs, answer to Rajya Sabha Unstarred Question No. 387, 27 February 2013. Source

S17 Ministry of Home Affairs, answer to Lok Sabha Unstarred Question No. 7451, 22 May 2012 (Lok Sabha digital library). Source

S18 Constitution of the United States, Tenth Amendment. Library of Congress Constitution Annotated and National Archives. Source 1 Source 2

S19 Constitution Act, 1867 (Canada), section 91 (Justice Laws Website, Government of Canada). Source

S20 Government of India, The Constitution of India, Part XVIII, "Emergency Provisions" (copy hosted by the Ministry of External Affairs). Source

S21 Supreme Court of India, In re Assent, Withholding or Reservation of Bills, 2025 INSC 1333, 20 November 2025. Source

S22 Parliament of Australia, Infosheet 13, The Constitution. Source

S23 Legislative Department: Seventh Schedule, constitutional text and amendment footnotes. Source

DAY 15 · TOPIC 143

Polavaram: statutory, economic and irrigation significance

Source references

S1 India Code: Andhra Pradesh Reorganisation Act, 2014 Source

S2 Polavaram Project Authority: project salient features Source

S4 Polavaram Project Authority: official home page Source

S5 PIB: Water Resources Year End Review 2024, published 25 January 2025 Source

S6 PIB: Time-Line and Funds for Polavaram Project, 8 February 2018 Source

S7 PIB: Releasing of Funds for Polavaram Project, 24 July 2023 Source

S8 Lok Sabha Starred Question 52, 25 July 2024 Source

S9 PIB: River Linking Projects Involving Andhra Pradesh, 4 December 2025 Source

S10 NGT committee report in O.A. 110/2019, September 2020 Source

S11 Rajya Sabha Unstarred Question 2536, 10 August 2026 Source

S12 Eluru district administration: mandal directory Source

S13 India Code: Gazette notification constituting PPA, 28 May 2014 Source

S17 Central Water Commission: GWDT Further Report and Final Order, 1980 Source

S18 Lok Sabha Unstarred Question 1723, 1 August 2024 Source

S19 CAG: Performance Audit of Polavaram, period 2017–18 to 2022–23 Source

S20 India Code: Andhra Pradesh Reorganisation Amendment, 2014 Source

S21 WAPCOS: Polavaram design document, May 2024, printed pp. 43–45 and 57–59. Source

S22 PMKSY: Polavaram Irrigation Project account, planned irrigation and power. Source

DAY 15 · TOPIC 144

Ocean relief: continental shelf, slope, abyssal plain and trenches

Source references

S1 NCERT, Class XI Fundamentals of Physical Geography, Chapter 12, Water (Oceans), reprint 2026–27, printed pp.101–103. Source

S2 NCERT, Class XI India: Physical Environment, Chapter 2, Structure and Physiography, 2026–27. Source

S3 NOAA National Ocean Service, How deep is the ocean?, updated 23 September 2026. Source

S4 NOAA Ocean Exploration, What is a mid-ocean ridge?, updated 21 August 2024. Source

S5 British Geological Survey, Deepest points of the Indian Ocean and Southern Ocean revealed, 11 May 2021. Source

S6 NOAA, Ocean floor features. Source

S7 NOAA Ocean Exploration, What is a seamount?, updated 21 August 2024. Source

S8 NOAA Ocean Exploration, Seamounts background essays. Source

S9 NOAA educational handout, The Continental Margin & Continental Rise. Source

S10 NOAA archived regional description, Marine Zones. Source

S11 Talling and colleagues, Longest sediment flows yet measured show how major rivers connect efficiently to deep sea, Nature Communications (2022). Source

S12 Rao and Wagle, Geomorphology and surficial geology of the western continental shelf and slope of India: A review, Current Science 73 (1997), 330–350; NIO author repository. Source

S13 ONGC, ONGC onboards Technical Services Provider for enhancing production from Mumbai High Field. Source

S14 Jiang and colleagues, Earth's longest preserved linear volcanic ridge generated by a moving Kerguelen hotspot, Nature Communications (2024). Source

S15 Hein and colleagues, Controls on ferromanganese crust composition and reconnaissance resource potential, Ninetyeast Ridge, Indian Ocean (2016), USGS publication record. Source

S16 Sager and colleagues, Large fault fabric of the Ninetyeast Ridge implies near-spreading ridge formation (2010). Source

S17 Ray and colleagues, Geochemical variability of MORBs along slow to intermediate spreading Carlsberg-Central Indian Ridge, Indian Ocean (2013). Source

S18 NOAA Ocean Exploration, What are the different types of plate tectonic boundaries? Source

S19 A. K. Jithin and P. A. Francis, Role of internal tide mixing in keeping the deep Andaman Sea warmer than the Bay of Bengal, Scientific Reports 10, 11982, 20 July 2020. Source

S20 NOAA: Continental margin and continental rise. Source

S21 NOAA: What is a lagoon? Source

S22 NOAA: Three main types of coral reefs. Source

DAY 15 · TOPIC 145

Population of India: distribution, density and growth

Source references

S1 NCERT, India: People and Economy (Class XII), Unit I, Chapter 1, "Population: Distribution, Density, Growth and Composition", reprint 2026-27. Source

S2 Ministry of Statistics and Programme Implementation (MoSPI), Statistical Year Book India, chapter "Area and Population", write-up. Source

S3 Central Bureau of Health Intelligence, Ministry of Health and Family Welfare, National Health Profile 2018, Table 1.1.2, "State/UT wise Distribution of Population, Sex Ratio, Density and Decadal Growth rate of Population: 2011" (source: O/o Registrar General of India). Source

S4 Ministry of Home Affairs, Lok Sabha reply, 15 July 2014, Annexure population table. Source

S5 Office of the Registrar General and Census Commissioner, India, Census Digital Library, "Table A-02: Decadal variation in population 1901-2011, India". Source

S6 Press Information Bureau, New India Samachar, 16-31 May 2026, page 19, "Understand the complete process of the census". Source

S7 Prime Minister's Office (pmindia.gov.in), "Cabinet approves scheme of Conduct of Census of India 2027", 12 December 2025. Source

S8 UN News, "India poised to become world's most populous nation", 24 April 2023. Source

S9 UN DESA, Population Division, World Population Prospects 2024: Summary of Results (July 2024). Source 1 Source 2

S10 Central Bureau of Health Intelligence, Ministry of Health and Family Welfare, National Health Profile 2018, Table 2.1.1, "State/UT-wise Literacy Rate in India as per Census, 2011" (source: Census of India, 2011). Source

S11 Directorate of Census Operations, Maharashtra, press conference presentation on Census 2027, 30 April 2026 (hosted by PIB). Source

S12 ORGI catalog, Notification 10, 5 September 2026; Gazette transcription. Source 1 Source 2

S13 MHA/ORGI operational Gazette and Notification 11, 5 September 2026. Official district-hosted documents and Prasar Bharati report on Punjab Phase II. Source 1 Source 2 Source 3 Source 4

S14 Prasar Bharati, 5 September 2026, Manipur HLO deferral. Source

S15 ORGI official catalog, Notification 12, 17 September 2026. Source

S16 ORGI: Census of India 2011 Provisional Population Totals. Source

S17 ORGI: Census of India 2011 Rural–Urban Distribution of Population, provisional release. Source

S18 Ministry of Health and Family Welfare: Rural Health Statistics 2012, provisional state growth table. Source

S19 Central Bureau of Health Intelligence: National Health Profile 2019, final Census population indicators. Source

S20 ORGI: Population Finder, Census 2011 final Primary Census Abstract. Source

DAY 15 · TOPIC 146

Genetically modified crops in India: Bt cotton, GM mustard and regulation

Source references

S1 Supreme Court: common order in Gene Campaign v. Union of India, 23 July 2024 Source

S2 Supreme Court: separate judgments, 2024 INSC 545, 23 July 2024 Source

S4 DBT: Institutional Biosafety Committee Handbook Source

S5 PIB: Genetic Engineering Approval Committee, Lok Sabha reply, 25 July 2022 Source

S6 Government of India: Yojana, June 2002, Bt-cotton guidelines Source

S7 K.R. Kranthi, Director ICAR-CICR: Pink Bollworm Strikes Bt-Cotton, 1 December 2015 Source

S9 NCERT: Biotechnology and its Applications, reproduced by government SATHEE Source

S13 PIB: announcement of genome-edited rice varieties, 4 May 2025 Source

S14 Convention on Biological Diversity: India country profile Source

S19 PIB: Cultivation of Genetically Modified Crops, 6 August 2024 Source

S20 FSSAI: Food Safety and Standards Act, 2006 Source

S23 GEAC: 103rd meeting minutes, 2010 Source

S24 GEAC: 97th meeting minutes, 14 October 2009 Source

S25 GEAC: 136th meeting minutes, 2018 Source

S26 PIB: GM Mustard, 23 December 2022, with 8 December clarification Source

S27 DBT: SOPs for Genome-Edited Plants, including 30 March 2022 OM Source

S28 GEAC: Rules of 1989, official text Source

S29 Lok Sabha: written answers, 16 April 2002 Source

S31 Supreme Court: cause list, 6 March 2025 Source

S32 GEAC: Acts and Rules, notification index Source

DAY 15 · TOPIC 147

DRDO: vision, mission and organisation

Source references

S1 DRDO: Organisation Source

S2 DRDO: About DRDO Source

S3 DRDO: Technology Clusters Source

S4 DRDO: Missiles and Strategic Systems Source

S5 DRDO: Naval Systems and Materials Source

S6 DRDO: Aeronautical Systems Source

S7 DRDO: Armament and Combat Engineering Systems Source

S8 DRDO: Our Team, snapshot 17 October 2026 Source

S11 PIB: Mission Shakti, 27 March 2019 Source

S12 PIB: Advanced Weapon System Complex, DRDL, 12 June 2026 Source

S13 PIB: Long Range Land Attack Cruise Missile test, 15 June 2026 Source

S14 Parliamentary Standing Committee on Defence: Sixth Report, 2010 Source

S15 PIB: Missile Development Programme, 13 August 2012 Source

S16 DRDO: Industry Support Source

S19 BrahMos Aerospace: History Source

S20 PIB: maiden flight-test of Kusha, 23 July 2026 Source

S21 PIB: five Young Scientist Laboratories dedicated, 2 January 2020 Source

S22 PIB: Mission Divyastra, 11 March 2024 Source

S23 PIB: guided missile development, 29 November 2006 Source

S24 DRDO: Himalayas to Hyderabad, monograph published 2025 Source

S25 PIB: IGMDP, 5 May 2010 Source

S26 DRDO: Procedures for Transfer of Technology, 2025 Source

S27 PIB: High Altitude Platform System trial, published 6 October 2026 Source

S28 PIB: NSTL Large Cavitation Tunnel foundation stone, 3 April 2026 Source

S29 DRDO: Contact Us Source

DAY 15 · TOPIC 148

Number series: squares, cubes and primes

Source references

S1 NCERT, Ganita Prakash Grade 8, Chapter 1, A Square and A Cube, reprint 2026–27. Source

S2 NCERT, Class VIII Mathematics, Chapter 6, Cubes and Cube Roots, reprint 2024–25. Source

S3 NCERT, Ganita Prakash Grade 6, Chapter 5, Prime Time, reprint 2026–27. Source

S4 Worked examples: algebra and integer arithmetic.

DAY 15 · TOPIC 149

Data interpretation: bar graphs

Source references

S1 NCERT, Class XI Statistics for Economics, Chapter 4, Presentation of Data, on IIT Kanpur's Ministry of Education SATHEE portal. Source

S2 UK Office for National Statistics, Service Manual, Axes and gridlines. Source

S3 UK Office for National Statistics, Stacking the bars in your favour!, 17 August 2017. Source

S4 Independent worked arithmetic; all figures are illustrative, not official statistics.

DAY 15 · TOPIC 150

Current affairs: BRICS and India's presidency 2026

Source references

S1 Ministry of External Affairs (MER Division), "Brief on BRICS", August 2023. Source

S2 Press Information Bureau, Backgrounder "BRICS: Evolution, Cooperation and India's Leadership", 10 September 2026, Release ID 2308611. Source

S3 Press Information Bureau, PIB Research explainer on BRICS and India's 2026 chairship, Note ID 159946, posted 10 September 2026, updated 17 October 2026. Source

S4 Press Information Bureau (Prime Minister's Office), "BRICS New Delhi Declaration: Building for Resilience, Innovation, Cooperation and Sustainability", 12 September 2026, Release ID 2309505. Source

S5 News On AIR (Prasar Bharati), "Consensus on New Delhi Declaration at BRICS Summit reached due to year-long engagement at various levels: MEA", 12 September 2026. Source

S6 Press Information Bureau, "Rio de Janeiro Declaration: Strengthening Global South Cooperation for a More Inclusive and Sustainable Governance", 7 July 2025, Release ID 2142786. Source

S7 Government of Brazil, BRICS Brasil 2025 website, "BRICS Previous Summits". Source

S8 New Development Bank, "About NDB". Source

S9 New Development Bank, "History". Source

S10 New Development Bank, "Members". Source

S11 New Development Bank, "Shareholding" (page modified 25 June 2026). Source

S12 Ministry of External Affairs, Annual Report 2014–15, multilateral economic relations section (printed p.155). Source

S13 Press Information Bureau (Cabinet), "Agreement on the New Development Bank and the BRICS Contingent Reserve Agreement", 25 February 2015. Source

S14 Selected official attendance reports for the 2026 summit; see S23–S30.

S15 The institute's current affairs file: Insights "Current Affairs 30", December 2025, "India's BRICS presidency 2026", page 126

S16 "Treaty for the Establishment of a BRICS Contingent Reserve Arrangement", Fortaleza, 15 July 2014, text as hosted by the Higher School of Economics, Moscow. Source

S17 South African Government News Agency (SAnews), "President Ramaphosa pushes for stronger BRICS trade", 11 September 2026. Source

S18 Prime Minister of India (official website), "BRICS New Delhi Declaration: Building for Resilience, Innovation, Cooperation and Sustainability (September 12, 2026)". Source

S19 Goldman Sachs, "2001: BRICs" (firm history, Moments). Source

S20 Saudi Press Agency, Foreign Minister arrives for BRICS summit, 12 September 2026 (French). Source

S21 NDB, Information Statement 2023, paragraph 1.5. Source

S22 MEA, Chair’s Statement and Outcome Document, 15 May 2026. ; official listing Source 1 Source 2

S23 PMIndia, bilateral meeting with Xi Jinping. Source

S24 PMIndia, meeting with President of Russia. Source

S25 Emirates News Agency, Crown Prince meets Iranian President, 12 September 2026. Source

S26 Presidency of Kazakhstan, 13 September 2026. Source

S27 Presidency of Burundi, 13 September 2026. Source

S28 PMIndia, meeting with President of Philippines, 13 September 2026. Source

S29 NDB, NDB at the 18th BRICS Summit. Source

S30 Prasar Bharati, BRICS nations unanimously adopt New Delhi Declaration. Source

S31 Official G20 host-government pages: Source 1 Source 2

S32 MEA, BRICS India 2021, About BRICS. Source

S33 PIB: India's 2026 BRICS chairship membership grouping, 14 July 2026. Source