

# India's Ancient Wisdom Meets AI: Unveiling Lost Civilizations and Sustainable

Science & Technology · Answer Key · 10 Questions

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**1. Recent archaeological excavations in Bahaj village, Rajasthan, have revealed continuous habitation by at least five distinct civilizations. Which historical periods are represented by these discoveries, spanning from the early Vedic period to the?**

- A) Mauryan era
- B) Gupta era**
- C) Kushan period
- D) Chola dynasty

**2. The Sinauli discoveries in Uttar Pradesh, dating back approximately 4,000 years, provided the first evidence of which significant artifact in the Indian subcontinent, comparable to contemporary civilizations like Mesopotamia and Greece?**

- A) Iron smelting techniques
- B) Elaborate irrigation systems
- C) War chariots**
- D) Advanced pottery kilns

**3. India is actively leveraging Artificial Intelligence for cultural heritage preservation. Which of the following is a key application of AI in this domain, as highlighted by recent initiatives?**

- A) Developing new artistic painting styles
- B) Automated authentication of tribal and folk art**
- C) Predicting future archaeological site locations
- D) Creating virtual reality tours of historical events

**4. A significant underwater discovery in the Gulf of Khambhat has presented evidence of organized societies dating back approximately 9,000 years, predating which major civilization?**

- A) Vedic Civilization
- B) Harappan (Indus Valley) Civilization**
- C) Maurya Empire
- D) Gupta Empire

5. In the realm of sustainable manufacturing, Indian industries are increasingly adopting circular economy practices. Which of the following sectors is specifically mentioned as a leader in this adoption, alongside electronics?

A) Automotive

**B) Textiles**

C) Pharmaceuticals

D) Aerospace

6. The National Mission for Manuscripts in India employs AI and OCR technologies to digitize ancient scripts. Which of these scripts is NOT explicitly mentioned as being digitized through these efforts?

A) Brahmi

B) Devanagari

C) Grantha

**D) Sanskrit**

7. Kerala has been identified as India's leading state for new faunal discoveries, with a significant number of species found in 2024. According to a report by the Zoological Survey of India (ZSI), how many new species and subspecies were discovered in Kerala alone in 2024?

A) 80

**B) 101**

C) 459

D) 683

8. India's private spacetechnology sector is rapidly expanding. As of March 2025, how many applications had IN-SPACe (Indian National Space Promotion and Authorization Centre) received in areas like satellite development and deep space exploration?

A) Over 200

**B) Over 658**

C) Over 1,200

D) Over 6,400

9. The 'Hargila Army', a community-led initiative focused on conservation, has seen a significant increase in the population of a particular endangered bird. Which bird species is being protected by this initiative?

A) Amur Falcon

**B) Greater Adjutant Stork**

C) Indian Bustard

D) Siberian Crane

**10. In the field of medical research, India's contribution is notable in certain areas while lagging in others. Which of the following medical and allied science fields shows India delivering a below-par performance compared to global contributions?**

- A) Pharmacology
- B) Microbiology
- C) Neurosciences**
- D) Immunology