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02 September 2026

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Daily Current Affairs Quiz 02 September 2026

Q1. India's first dedicated Quantum and AI University campus was approved in which city?

- (a) Visakhapatnam
- (b) Vijayawada
- (c) Amaravati
- (d) Guntur

Ans.(c)

Sol. The correct answer is (C) Amaravati

Explanation:

- India's first dedicated Quantum and AI University campus was approved to be established in Amaravati, the capital city of Andhra Pradesh.
- The initiative aims to position Andhra Pradesh as a pioneer in advanced deep-tech education, quantum computing research, and artificial intelligence.
- The state government allocated dedicated land and support infrastructure in Amaravati to build state-of-the-art research laboratories and academic blocks.
- The university will foster collaborative research with international technology institutions, defense labs, and leading technology corporations.
- This landmark project aligns with national priorities to build high-end manpower in quantum information science and machine learning.

Information Booster:

- Amaravati is located on the banks of the Krishna River in Guntur district, Andhra Pradesh, and serves as the state capital.
- The Government of India launched the National Quantum Mission (NQM) in 2023 with a total outlay of ₹6,003 crore to seed quantum technology R&D.
- Quantum technology focuses on quantum computing, quantum communication, quantum sensing, and quantum cryptography based on principles of superposition and entanglement.
- India is among a select group of nations dedicated to establishing full-scale quantum infrastructure and specialized universities.
- The campus will feature high-performance computing (HPC) setups, quantum simulator testbeds, and specialized incubators for deep-tech startups.
- It aims to bridge the gap between academic research and industrial application in artificial intelligence and quantum algorithms.

Additional Knowledge:

- Visakhapatnam (Option A): Visakhapatnam is the largest city and major port of Andhra Pradesh, hosting the headquarters of the Indian Navy's Eastern Naval Command and major industrial complexes.
- Vijayawada (Option B): Vijayawada is a major commercial and educational hub situated on the banks of the Krishna River, near the capital region of Amaravati.
- Guntur (Option D): Guntur is an important administrative and trade city in Andhra Pradesh, world-famous for its chili production, agricultural export markets, and educational institutions.

Q2. NIELIT, which will develop the Quantum and AI University campus, functions under which ministry?

- (a) Ministry of Science and Technology
- (b) Ministry of Education
- (c) Ministry of Electronics and Information Technology
- (d) Ministry of Communications

Ans.(c)

Sol. The correct answer is (C) Ministry of Electronics and Information Technology

Explanation:

- National Institute of Electronics and Information Technology (NIELIT) operates as an autonomous scientific society under the Ministry of Electronics and Information Technology (MeitY).
- MeitY oversees national policies related to information technology, electronics manufacturing, internet governance, and digital infrastructure.
- NIELIT is responsible for executing the development of the Quantum and AI University campus in Amaravati.
- The organization plays a key role in human resource development and skill building in the domain of Information, Electronics, and Communication Technology (IECT).
- MeitY spearheads major national flagship initiatives including Digital India, India Semiconductor Mission, and the National AI Portal.

Information Booster:

- NIELIT was formerly known as DOEACC Society (Department of Electronics Accreditation of Computer Courses) before being renamed.
- It carries out formal and non-formal educational programs, offering diploma, degree, and certification courses in IT, embedded systems, and cyber security.
- MeitY aims to promote e-Governance for empowering citizens, promoting inclusive and sustainable growth of the Electronics, IT, and ITes industries.
- Article 77 of the Constitution of India provides for the rules of business allocation under which government ministries and departments function.
- MeitY is also responsible for overseeing the Information Technology Act, 2000, and the Digital Personal Data Protection (DPDP) Act, 2023.
- NIELIT has a network of over 40 centers across India, offering standardized examinations and quality-assured digital literacy credentials.

Additional Knowledge:

- Ministry of Science and Technology (Option A): Comprises Department of Science and Technology (DST), Department of Biotechnology (DBT), and DSIR/CSIR, overseeing basic and applied scientific research.
- Ministry of Education (Option B): Responsible for implementing the National Education Policy (NEP) 2020 and supervising school education and higher education institutions like IITs, NITs, and NCERT.
- Ministry of Communications (Option D): Oversees the Department of Telecommunications (DoT) and Department of Posts, managing India's telecom spectrum and postal services.

Q3. Which of the following programmes are planned to be offered at the proposed Quantum and AI University?

- (a) Only undergraduate and postgraduate programmes
- (b) Only PhD and diploma programmes
- (c) Undergraduate, postgraduate, PhD, diploma, and executive programmes
- (d) Only executive and diploma programmes

Ans.(c)

Sol. The correct answer is (C) Undergraduate, postgraduate, PhD, diploma, and executive programmes

Explanation:

- The proposed Quantum and AI University campus will offer a multi-tiered academic structure including undergraduate, postgraduate, PhD, diploma, and executive education programmes.
- This comprehensive course framework ensures education access for traditional university students, researchers, and mid-career industry professionals.
- Undergraduate and postgraduate degrees will provide foundational and advanced knowledge in computer science, quantum physics, and machine learning.

- Doctoral (PhD) programmes will drive cutting-edge research in quantum computing hardware, algorithms, and artificial intelligence ethics.
- Executive and diploma programs will enable working professionals and engineers to upskill rapidly in emerging technological domains.

Information Booster:

- The curriculum design aligns with the National Education Policy (NEP) 2020 guidelines, emphasizing multidisciplinary education and flexible entry/exit options.
- Skill development in high-tech fields supports Industry 4.0 requirements, including automation, Internet of Things (IoT), and neural networks.
- The university plans to collaborate with global tech firms to offer industry-certified diploma modules alongside traditional degrees.
- Research scholars enrolled in PhD programs will work on government and industry-sponsored projects in quantum sensing, cryptography, and AI modeling.
- Executive education offerings will cater to corporate leaders and technical managers needing specialized expertise in quantum transformation.
- Specialized laboratories will equip students with hands-on exposure to quantum simulators and artificial intelligence supercomputing clusters.

Additional Knowledge:

- Only undergraduate and postgraduate programmes (Option A): Incorrect because the institution is designed as a research-intensive hub that also includes doctoral, diploma, and executive tracks.
- Only PhD and diploma programmes (Option B): Incorrect as it omits full-time four-year bachelor's and two-year master's degree programs essential for foundational talent building.
- Only executive and diploma programmes (Option D): Incorrect because short-term upskilling alone cannot replace the comprehensive full-time degree offerings needed for comprehensive academic training.

Q4. What is the estimated cost of India's first dedicated Quantum and AI University campus, which is planned to be developed in Amaravati, over a period of five years?

- (a) ₹530.70 crore
- (b) ₹630.70 crore
- (c) ₹730.70 crore
- (d) ₹830.70 crore

Ans.(c)

Sol. The correct answer is (C) ₹730.70 crore

Explanation:

- The estimated outlay for building India's first dedicated Quantum and AI University campus in Amaravati stands at ₹730.70 crore.
- This financial allocation will cover the infrastructure development, scientific research facilities, equipment procurement, and administrative setup over five years.
- The budget aims to create state-of-the-art quantum physics laboratories, high-speed supercomputing clusters, and advanced artificial intelligence research centers.
- The execution period of five years will ensure phased establishment of academic blocks, faculty housing, incubation centers, and student residential facilities.
- Funding will be managed through collaborative support involving the Ministry of Electronics and Information Technology (MeitY) and state government initiatives.

Information Booster:

- Large-scale educational capital outlays are designed to build national research infrastructure in critical and emerging technologies (CET).

- Investments in deep-tech universities support national initiatives like the National Quantum Mission (NQM) and IndiaAI Mission.
- The IndiaAI Mission has a total approved outlay of over ₹10,300 crore to build compute capacity, AI innovation centers, and datasets.
- Funding allocations for public scientific institutions undergo auditing by the Comptroller and Auditor General (CAG) under Article 148 of the Constitution.
- The university project aims to generate high-skilled job opportunities and foster deep-tech startup ecosystems in Andhra Pradesh.
- Advanced computing infrastructure funded by this budget will be shared with research scholars, industry partners, and academic institutions across India.

Additional Knowledge:

- ₹530.70 crore (Option A): An incorrect lower estimate that does not match the approved financial projection for the Amaravati project.
- ₹630.70 crore (Option B): An incorrect financial figure; does not reflect the official project cost of ₹730.70 crore.
- ₹830.70 crore (Option D): An inflated financial figure exceeding the actual approved budget allocation of ₹730.70 crore.

Q5. Which organisation will develop India's first dedicated Quantum and AI University campus in Amaravati?

- (a) Indian Institute of Science
- (b) National Institute of Electronics and Information Technology
- (c) Indian Institute of Technology
- (d) Defence Research and Development Organisation

Ans.(b)

Sol. The correct answer is (B) National Institute of Electronics and Information Technology

Explanation:

- The National Institute of Electronics and Information Technology (NIELIT) will develop India's first dedicated Quantum and AI University campus in Amaravati.
- NIELIT is an autonomous scientific body under the Ministry of Electronics and Information Technology (MeitY), Government of India.
- The organisation specializes in non-formal and formal education in IT, electronics, software engineering, and artificial intelligence.
- NIELIT will lead the curriculum design, faculty recruitment, infrastructure construction, and administrative framework for the new campus.
- The project highlights NIELIT's expanding mandate from skill certification to establishing full-fledged higher research institutions.

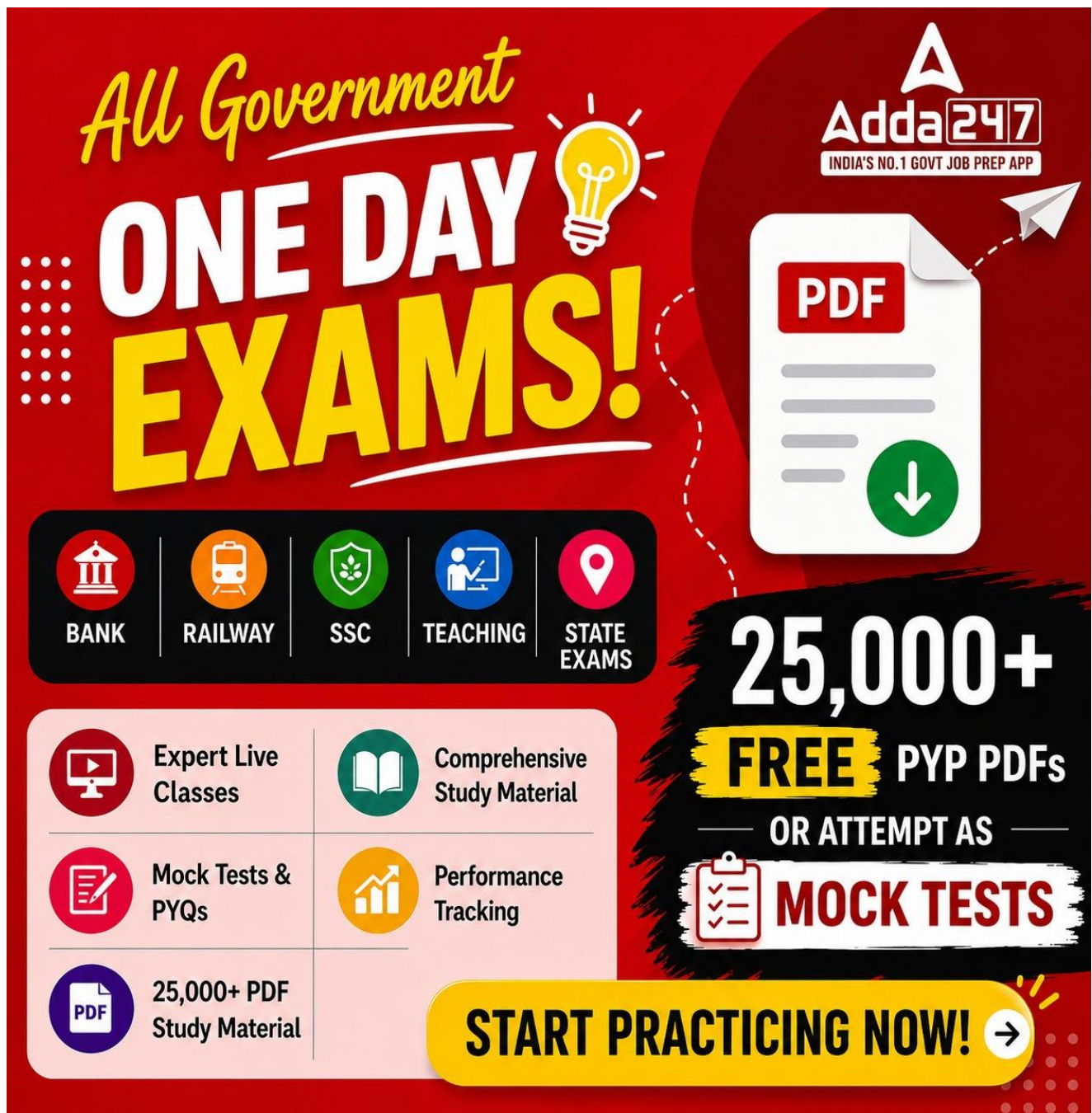
Information Booster:

- NIELIT is headquartered in New Delhi and manages a network of over 40 campuses and centers across various states and union territories in India.
- It acts as a major national body for conducting digital literacy programs such as Course on Computer Concepts (CCC) and Basic Computer Course (BCC).
- It offers formal degree and diploma courses in alignment with the National Skill Qualifications Framework (NSQF).
- NIELIT works in close coordination with industry bodies and academic councils to update technical training courses in line with market demands.
- It plays a key role in implementing human resource development schemes under the Digital India campaign.

- The organization actively engages in research projects involving IoT, cyber security, VLSI design, artificial intelligence, and embedded systems.

Additional Knowledge:

- Indian Institute of Science (Option A): IISc is a premier public university located in Bengaluru, Karnataka, renowned for advanced scientific and engineering research.
- Indian Institute of Technology (Option C): IITs are autonomous public technical universities located across India, established under the Institutes of Technology Act, 1961.
- Defence Research and Development Organisation (Option D): DRDO is India's premier agency under the Ministry of Defence, dedicated to indigenous military R&D.



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