



The Current Affairs Quiz

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Wednesday, 02 September 2026

1. Researchers have recently used data from which Indian space mission to investigate the processes preceding solar flares?

- (A) Mangalyaan (B) XPoSat
(C) Aditya-L1 (D) Astrosat
(E) Chandrayaan-3

2. In the context of India's recently notified Semicon 2.0 scheme, what does the term OSAT refer to in the semiconductor value chain?

- (A) Overseas Semiconductor Assembly Technology
(B) Outsourced Semiconductor Assembly and Test
(C) Optical Semiconductor Assembly and Technology
(D) Original Semiconductor Analysis and Testing
(E) Outsourced Silicon Analysis Technology

3. The "Mission Rangeen Machhli 2031" Strategic Action Plan is related to the development of which sector?

- (A) Ornamental fisheries (B) Inland aquaculture
(C) Deep-sea mining (D) Marine tourism
(E) Seaweed processing

4. Which Indian state recently announced the establishment of a women-only university?

- (A) Jharkhand (B) Odisha
(C) West Bengal (D) Bihar
(E) Uttar Pradesh

5. Which Indian state has unveiled its first drinking water treatment project using ozone gas?

- (A) Uttarakhand (B) Himachal Pradesh
(C) Sikkim (D) Jammu and Kashmir
(E) Arunachal Pradesh

6. Which space agency launched the Nancy Grace Roman Space Telescope in August 2026?

- (A) ESA (B) ISRO
(C) JAXA (D) NASA
(E) Roscosmos

7. Which two states have signed a water-sharing agreement for the Sone River, resolving a 25-year-old dispute?

- (A) Bihar and Jharkhand
(B) Bihar and Uttar Pradesh
(C) Jharkhand and Odisha
(D) Madhya Pradesh and Bihar
(E) Uttar Pradesh and Jharkhand

8. Which country has declared a nationwide emergency due to the El Niño phenomenon in August 2026?

- (A) Peru (B) Egypt
(C) Ecuador (D) Honduras
(E) El Salvador

9. Who among the following has been named a recipient of the 2026 Ramon Magsaysay Award for his contributions to international diplomacy and law?

- (A) Tommy Koh (B) Runa Khan
(C) Bo Kyi (D) Shaahina Ali
(E) Flaviano Villanueva

10. Lionel Messi has announced his retirement from which national team in August 2026?

- (A) Brazil (B) Spain
(C) Argentina (D) Portugal
(E) Uruguay

1-{C} - 2-{B} - 3-{A} - 4-{D} - 5-{B} - 6-{D} - 7-{A} - 8-{C} - 9-{A} - 10-{C}



Bhupesh Kumar, Chief Mentor, Career Planner Alliance Club is felicitated for his outstanding contribution in the field of education by His Excellency **Rajendra Vishwanath Arlekar**, Governor of Bihar.



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- शोधकर्ताओं ने हाल ही में सोलर फ्लेयर्स (सौर ज्वालाओं) से पहले होने वाली प्रक्रियाओं की जांच के लिए किस भारतीय अंतरिक्ष मिशन के डेटा का उपयोग किया है?
(A) मंगलयान (B) एक्सपोसैट
(C) आदित्य-L1 (D) एस्ट्रोसैट
(E) चंद्रयान-3
- भारत की हाल ही में घोषित सेमीकॉन 2.0 योजना के संदर्भ में, सेमीकंडक्टर वैल्यू चेन में OSAT शब्द का क्या अर्थ है?
(A) ओवरसीज सेमीकंडक्टर असेंबली टेक्नोलॉजी
(B) आउटसोर्सड सेमीकंडक्टर असेंबली एंड टेस्ट
(C) ऑप्टिकल सेमीकंडक्टर असेंबली एंड टेक्नोलॉजी
(D) ओरिजिनल सेमीकंडक्टर एनालिसिस एंड टेस्टिंग
(E) आउटसोर्सड सिलिकॉन एनालिसिस टेक्नोलॉजी
- "मिशन रंगीन मछली 2031" रणनीतिक कार्य योजना किस क्षेत्र के विकास से संबंधित है?
(A) सजावटी मछली पालन (B) अंतर्देशीय जलीय कृषि
(C) गहरे समुद्र में खनन (D) समुद्री पर्यटन
(E) समुद्री शैवाल प्रसंस्करण
- हाल ही में किस भारतीय राज्य ने केवल महिलाओं के लिए एक विश्वविद्यालय स्थापित करने की घोषणा की?
(A) झारखंड (B) ओडिशा
(C) पश्चिम बंगाल (D) बिहार
(E) उत्तर प्रदेश
- किस भारतीय राज्य ने ओजोन गैस का उपयोग करके अपना पहला पेयजल उपचार प्रोजेक्ट शुरू किया है?
(A) उत्तराखंड (B) हिमाचल प्रदेश
- (C) सिक्किम (D) जम्मू और कश्मीर
(E) अरुणाचल प्रदेश
- किस अंतरिक्ष एजेंसी ने अगस्त 2026 में नैन्सी ग्रेस रोमन स्पेस टेलीस्कोप लॉन्च किया?
(A) ESA (B) ISRO
(C) JAXA (D) NASA
(E) Roscosmos
- किन दो राज्यों ने सोन नदी के लिए जल-बंटवारे के समझौते पर हस्ताक्षर किए हैं, जिससे 25 साल पुराना विवाद सुलझ गया है?
(A) बिहार और झारखंड (B) बिहार और उत्तर प्रदेश
(C) झारखंड और ओडिशा (D) मध्य प्रदेश और बिहार
(E) उत्तर प्रदेश और झारखंड
- अगस्त 2026 में अल नीनो घटना के कारण किस देश ने देशव्यापी आपातकाल की घोषणा की है?
(A) पेरू (B) मिस्र
(C) इक्वाडोर (D) होंडुरास
(E) अल साल्वाडोर
- निम्नलिखित में से किसे अंतराष्ट्रीय कूटनीति और कानून में उनके योगदान के लिए 2026 रेमन मैग्सेसे पुरस्कार का प्राप्तकर्ता नामित किया गया है?
(A) टॉमी कोह (B) रूना खान
(C) बो की (D) शाहिना अली
(E) फ्लेवियानो विलानुएवा
- लियोनेल मेसी ने अगस्त 2026 में किस राष्ट्रीय टीम से संन्यास लेने की घोषणा की है?
(A) ब्राज़ील (B) स्पेन
(C) अर्जेंटीना (D) पुर्तगाल
(E) उरुग्वे

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Test Calendar 2026

January	February	March	April
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14 Thursday	5 25 Fri Thu	17 Friday	7 27 Fri Thu
September	October	November	December
18 Friday	10 30 Sat Fri	27 Friday	16 31 Wed Thu

Exam Pattern

Subject	Total No of Questions	Max Marks	Sectional Time
Reasoning	25	25	20
Maths	25	25	25
English	25	25	20
GK	25	25	15

Contact Branch Office with one photo and CP id-card for admit card

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The General Studies Quiz

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HISTORY

- Why were permanent agricultural settlements absent during the Paleolithic Age?
(A) Soil was infertile
(B) Humans were mobile
(C) Rainfall was absent
(D) Rivers were absent
- Bhimbetka is particularly famous for:
(A) Rock shelters
(B) Stupas
(C) Temples
(D) Harbours
- Which resource was most important for Paleolithic survival?
(A) Natural food
(B) Currency
(C) Metal
(D) Written laws
- Which development became more prominent after the Paleolithic Age?
(A) Agriculture
(B) Hunting
(C) Stone tools
(D) Food gathering
- The principal purpose of Paleolithic tools was:
(A) Subsistence activities
(B) Religious ceremonies
(C) Writing
(D) Administration
- Which prehistoric site is especially famous for rock paintings?
(A) Bhimbetka
(B) Pataliputra
(C) Taxila
(D) Vaishali
- Paleolithic humans obtained food mainly through:
(A) Farming
(B) Hunting and gathering
(C) Trade
(D) Taxation
- Paleolithic social organization was probably based mainly on:
(A) Small groups
(B) Large empires
(C) City-states
(D) Centralized states
- Which was a major technological achievement of Paleolithic humans?
(A) Stone shaping
(B) Iron smelting
(C) Printing
(D) Paper-making
- Animals were primarily used by Paleolithic humans as:
(A) Food
(B) Agricultural labour
(C) Transportation
(D) Currency

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1. INTRODUCTION



- Coral Reef is a hard structure of calcium carbonate (Calcium Carbonate - CaCO_3) built by tiny marine organisms called coral polyps.
- Corals belong to the phylum Cnidaria and class Anthozoa.
- They are called the "Rainforests of the Sea" because they have extremely high biodiversity.
- Though they cover only about 0.1% of the total marine area of the world, they provide habitat to around 25% of all marine species.

CORAL REEFS (Coral Reefs)



2. ESSENTIAL CONDITIONS FOR FORMATION

- Sea temperature between 20°C to 30°C.
- Sea water should be clean, clear and less turbid.
- Salinity between 27-40 PSU (Practical Salinity Unit).
- Water depth generally less than 50 meters so that sufficient sunlight is available.
- Adequate oxygen and low level of pollution.

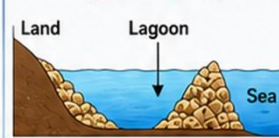
3. MAJOR TYPES OF CORAL REEFS (According to Charles Darwin)

(a) FRINGING REEF (Fringing Reef)



- Attached directly to the shore.
- Most common type.
- Example: Red Sea, some coastal areas of Andaman and Nicobar.

(b) BARRIER REEF (Barrier Reef)



- Located some distance away from the shore and a lagoon occurs between.
- Example: Great Barrier Reef, Australia (the world's largest coral reef).

(c) ATOLL (Atoll)



- Circular or horseshoe-shaped structure with a lagoon in the middle.
- Example: Lakshadweep Islands.

4. DISTRIBUTION OF CORAL REEFS IN INDIA

India has four major coral reef regions—

- Lakshadweep – Atoll type.
- Andaman & Nicobar Islands – Mainly fringing type.
- Gulf of Mannar (Tamil Nadu) – Fringing coral reef.
- Gulf of Kutch (Gujarat) – Fringing coral reef; developed despite high salinity and tidal influence.

5. IMPORTANCE OF CORAL REEFS

- Major habitat for marine biodiversity.
- Basis for fisheries and marine food resources.
- Natural protection from storms and coastal erosion.
- Promotes tourism and local economy.
- Useful in medicinal research and biotechnology.
- Helps in carbon cycle and maintains marine ecological balance.

6. MAJOR THREATS

- Climate change and rise in sea temperature.
- Coral Bleaching – high temperature causes expulsion of symbiotic algae (Zooxanthellae), turning corals white.
- Marine pollution and plastic waste.
- Overfishing and destructive fishing practices.
- Coastal development, dredging and mining.
- Ocean Acidification.

7. CONSERVATION MEASURES

- Development of Marine Protected Areas (MPAs) and Marine National Parks.
- Effective implementation of Integrated Coastal Zone Management (ICZM).
- Pollution control and sustainable fisheries management.
- Reduce greenhouse gas emissions to mitigate climate change.
- Coral restoration and development of artificial reefs.
- Involvement of local communities and increasing awareness.



8. IMPORTANT FACTS

- Largest coral reef: Great Barrier Reef (Australia)
- India's atoll coral area: Lakshadweep
- Main cause of coral bleaching: Rise in sea temperature
- Phylum of coral: Cnidaria
- Coral skeleton: Calcium Carbonate (CaCO_3)
- About 25% of the world's marine species depend on coral reefs.



Coral reefs are invaluable treasures of the sea; their conservation is our responsibility for the future.



The Current Affairs One-Liners

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Tommy Koh
- Lionel Messi has announced his retirement from which national team in August 2026? **Argentina**



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