



## Dikshant IAS - Daily Current Quiz

Date: 26/3/2024

### 1. "HumAI, which has recently been seen in the news, what is it?"

- "A. Microsoft launched a platform to train developers in AI technologies.
- B. Humanoid robot
- C. India's first indigenous AI chatbot
- D. The world's first emotionally intelligent conversational AI

**Answer: D**

- Recently, a research lab and technology company called HumAI presented what could be called the 'world's first emotionally intelligent conversational AI.'
- It is the world's first emotionally intelligent conversational AI. It accepts live audio input and returns both enhanced audio and transcripts with nuanced vocal expressions.
- It is essentially an API driven by its proprietary empathetic large language model (ELLM). This ELLM purportedly understands and emulates vocal tones and words' emphasis to tailor conversations between human and AI.
- It is trained on human responses to empathetic expressions and continues to learn from users' reactions.
- By modulating speech intonation, rhythm, and timing, EVAI unlocks various new capabilities, such as knowing when to speak and generating more empathetic language with the correct tone of voice."

### 2. "In the context of Caracal, consider the following statements:

1. It is primarily a nocturnal animal.
2. It is native to the Western Ghats region of India.
3. It is listed as Schedule I species under the Wildlife (Protection) Act, 1972.

How many of the above statements are correct?

- A. Only one
- B. Only two
- C. All three
- D. None

**Answer: B**

- Recently, conservationists Dharmendra Khandal and Ishan Dhar published a book titled 'Caracal: An Enigmatic Cat,' which elucidates about the Caracal species.
- It is a secretive, primarily nocturnal creature primarily celebrated for its extraordinary ability to leap and catch birds in flight, traditionally.
- In India, it is called Siya Gosh, which is a Persian name that translates to 'black ears.'



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- They typically use abandoned burrows of other animals and crevices in rocks and boulders for their maternal dens, but can also be found with their young in dense vegetation.
- The most suitable habitat for Caracals in India includes Kutch, Malwa Plateau, Aravalli Range, and Bundelkhand regions.
- It is found across several dozen countries in Africa, the Middle East, Central Asia, and South Asia.
- Habitat: They inhabit forests, savannas, and scrublands.
- Threats: Large-scale hunting, illegal trade, and habitat loss are considered significant threats to the species.
- Conservation Status:
- IUCN: Near Threatened
- Wildlife (Protection) Act, 1972: Schedule I
- Therefore, only statements 1 and 3 are correct."

### 3. Consider the following statements regarding the ₹2000 currency note:

1. According to the Reserve Bank of India, as of May 19, 2023, 97.62% of the ₹2000 currency notes in circulation have been returned by February 29, 2024.
2. The ₹2000 currency note is still legal tender.
3. ₹2000 currency notes can be exchanged at the 19 issuing offices of the Reserve Bank of India.
4. Ordinary citizens can deposit ₹2000 banknotes into their savings accounts at post offices.

Which of the above statements is/are correct?

- (a) Only 1
- (b) Only 2
- (c) Only 3
- (d) All 4

**Answer: (a)**

- The Reserve Bank of India had initiated a plan to withdraw ₹2000 currency notes from circulation starting May 19, 2023.
- At that time, ₹3.56 lakh crore worth of ₹2000 notes were in circulation.
- Of this, ₹3.75530 lakh crore worth of ₹2000 notes have been returned as of February 29, 2024.
- According to the current status, ₹8470 crore worth of ₹2000 notes are with the public, which are legal tender.



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- These can be exchanged through the Reserve Bank of India's 19 note issuing offices and through savings bank accounts at post offices.

**4. Russia receives payments for exported goods in Indian rupees, which are deposited into Vostro accounts maintained by Indian banks. What purpose does Russia use these deposited rupees for?**

1. Payment for imported goods from India
2. Investment in infrastructure projects in India
3. Investment in equity markets
4. Purchase of government securities

Which of the above statements is correct?

- (a) Only 1
- (b) Only 2
- (c) Only 3
- (d) All 4

**Answer: (d)**

- Under an agreement, trade between India and Russia is conducted in Indian rupees.
- Russia receives payment in rupees, which are deposited into Vostro accounts opened in Indian banks, and Russia uses these rupees to fulfill its obligations to India.

**5. Which companies have been granted permission by the Union Cabinet to establish microchip semiconductor manufacturing units in India in collaboration with Indian companies?**

1. Power Chip Semiconductor Manufacturing Works
2. Renesa Electronics Works
3. Stars Micro Electronics

Which of the above is correct?

- (a) Only 1 and 2
- (b) Only 2 and 3
- (c) Only 1 and 3
- (d) All of the above

**Answer: (d)**



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- The Central Cabinet approved the following proposals on February 29, 2024, for setting up semiconductor manufacturing plants in India: (i) Power Chip Semiconductor Manufacturing Works (in partnership with Tata Electronics Ltd. in Dholera, Gujarat), (ii) Tata Semiconductor Assembly and Test Pvt. Ltd. (Morigaon, Assam), (iii) C.G. Power, Renesa Electronics Corp. (Japan), and Stars Microelectronics (with Sanand, Gujarat).

