



Dikshant IAS - Daily Current Quiz

Date: 16/3/2024

1. Who was awarded the Best Film award at the 96th Academy Awards (Oscar Awards 2023)?

- (A) Openheimer
- (B) Poor Themes
- (C) The Hold Overs
- (D) John of Interest

Answer: (A)

- At the 96th Academy Awards (Oscar Awards 2023), the Best Film award was presented to Openheimer.

2. Consider the following statements in the context of a report issued by the State Bank of India (February 2024):

1. The overall savings rate is estimated to increase from 30.2% in the financial year 2022-23 to 32.3% in the financial year 2023-24.
2. Due to ensuring quality of life for all citizens and reaching benefits to eligible individuals through direct benefit transfer, the per capita GDP in 2023-24 has exceeded 2 lakh.

Which of the above statements is/are correct?

- (a) Only 1
- (b) Only 2
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Answer: (c)

- It is estimated that the overall savings rate will increase from 30.2% in the financial year 2022-23 to 32.3% in the financial year 2023-24.
- Also, due to ensuring quality of life for all citizens and reaching benefits to eligible individuals through direct benefit transfer, the per capita GDP in 2023-24 has exceeded 2 lakh.

3. In the context of the Annual Survey of Industries for the year 2021-22, consider the following states:

- I. Uttar Pradesh
- II. Tamil Nadu
- III. Maharashtra
- IV. Gujarat



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Arrange these states in decreasing order of the number of industrial units:

- (A) II, IV, III, I
- (B) I, II, III, IV
- (C) IV, II, III, I
- (D) II, IV, I, III

Answer: (A)

- In the year 2021-22, the percentage of industrial units in Tamil Nadu was 15.8%, in Gujarat it was 11.9%, in Uttar Pradesh it was 10.54%, and in Andhra Pradesh it was 6.77%.

4. According to the Annual Survey of Industries for the year 2021-22, which state had the highest proportion of total employed workers in industries?

- (A) Tamil Nadu
- (B) Uttar Pradesh
- (C) Maharashtra
- (D) West Bengal

Answer: (A)

- Tamil Nadu had the highest proportion of total employed workers in industries.

5. In the context of Organic Electrochemical Transistors (OECTs), consider the following statements:

1. It is capable of controlling the flow of electronic and ionic currents simultaneously.
2. Its use is for making biosensors and wearable devices.

Which of the above statements is/are correct?

- A. Only 1
- B. Only 2
- C. Both 1 and 2
- D. Neither 1 nor 2

Ans: C

- Recently, researchers at Northwestern University have outlined a new strategy to create high-density and mechanically flexible organic electrochemical transistors (OECTs).



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- OECTs belong to an emerging class of transistors based on organic superconducting materials, known for their ability to control electrical currents in response to small changes in applied voltage at their gate electrodes.
- They are a class of devices capable of controlling the flow of electronic and ionic currents simultaneously.
- Benefits: They offer various notable advantages, including remarkable amplification and sensing capabilities, low power consumption, low driving voltages, and a versatile multilayer architecture.
- Applications: They can be used for making biosensors, wearable devices, and neuromorphic systems. Therefore, both statements are correct.

