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**Question Paper Code : 80122**

B.E./B.Tech. DEGREE EXAMINATIONS, APRIL/MAY 2019

Fourth Semester

Electronics and Communication Engineering

EC 8453 — LINEAR INTEGRATED CIRCUITS

(Common to B.E. Medical Electronics/B.E. Robotics and Automation Engineering/  
B.E. Biomedical Engineering)

(Regulation 2017)

Time : Three hours

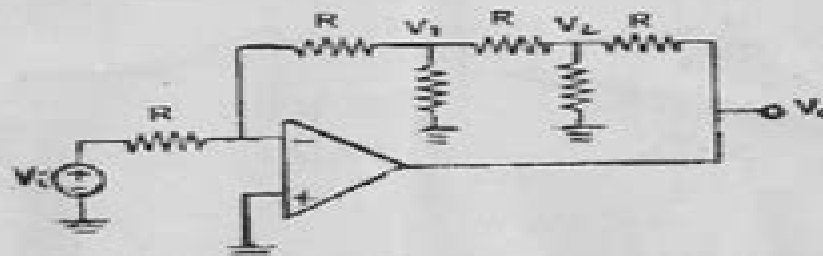
Maximum : 100 marks

(Codes / Tables / Charts to be permitted, if any may be indicated)

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. State the significance of current mirror circuit.
2. Mention the application of LF155.
3. Find the gain of  $V_o/V_i$  of the circuit.



4. How does a zero crossing detector work?
5. What is Gilbert multiplier cell?
6. List the basic building blocks of PLL.

# Linear Integrated Circuit Sample Question Paper

**Rebecca J. Pardee, National Institute of  
Standards and Technology (U.S.)**



## **Linear Integrated Circuit Sample Question Paper:**

## The Enigmatic Realm of **Linear Integrated Circuit Sample Question Paper**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing lacking extraordinary. Within the captivating pages of **Linear Integrated Circuit Sample Question Paper** a literary masterpiece penned by a renowned author, readers embark on a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting effect on the hearts and minds of those who partake in its reading experience.

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