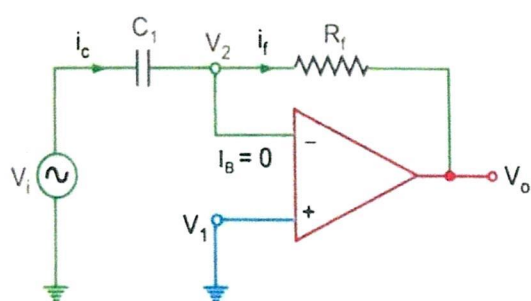


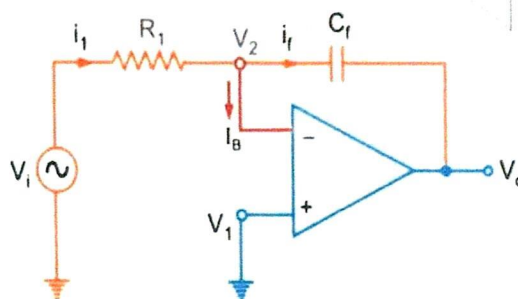
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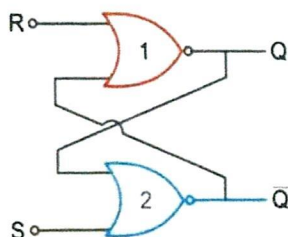
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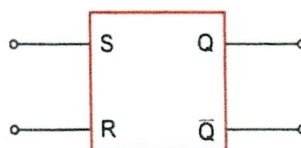
Basic differentiator



Basic Integrator



(a) Logic diagram



(b) Symbol

RS flip-flop using NOR gates

Prof. (Dr.) P. P. SHAH
Dr. P. U. LANDE
D. T. DEOKATE

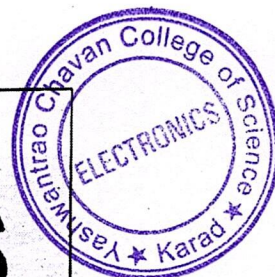
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ELECTRONICS



**LINEAR AND DIGITAL
INTEGRATED CIRCUITS**

(DSC-B10 : Paper - IV)

FOR

B.Sc. Part - I : Semester - II

*As Per Choice Based Credit System (CBCS) Syllabus with
Multiple Entry and Multiple Entry Options
under NEP-2020 w.e.f. June 2022*

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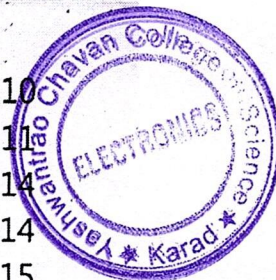
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NATURE OF QUESTION PAPER FOR CBCS PATTERN ALL UG/PG SCIENCE SUBJECTS (w.e.f. June 2022)

Time : 2 Hrs.

Q. 1 Multiple Choice Questions :

Marks :

- (i) (a) (b) (c) (d)
- (ii) Do
- (iii) Do
- (iv) Do
- (v) Do
- (vi) Do
- (vii) Do
- (viii) Do

Q. 2 Attempt any Two of the following :

- (A)
- (B)
- (C)

Q. 3 Attempt any Four of the following :

- (a)
- (b)
- (c)
- (d)
- (e)
- (f)

