



RAN - 1803000201030092



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F. Y. B. Sc. Electronics (Sem. - I) Examination

March - 2023

Electronics : Paper - II

Digital Electronics Circuits

[Total Marks: 50

સૂચના : / Instructions

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

F. Y. B. Sc. Electronics (Sem. - I)

Name of the Subject :

Electronics : Paper - II Digital Electronics Circuits

Subject Code No.: **1803000201030092**

Seat No.:

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Student's Signature

- (2) Figure on the right indicates full marks
- (3) All symbols and abbreviations have their usual meaning.
- (4) Non-programmable calculators are allowed.
- (5) Assume data if necessary.

***O.M.R. Sheet ભરવા અંગેની અગત્યની સૂચનાઓ આપેલ
O.M.R. Sheetની પાછળ છાપેલ છે.***

***Important instructions to fillup O.M.R. Sheet
are given on back side of the provided O.M.R. Sheet.***

Q. 34. The sum of 11011 + 10111 equals _____.

A. 110010

B. 100001

C. 110100

D. 100100

Q. 35. A 7-bit Hamming code is received as 1001010, and then finds the error bit of the correct code.

A. 100

B. 011

C. 110

D. 111

SPACE FOR ROUGH WORK