

Regular/Back/Special Exam-2080, Mansir/Poursh

Program: Diploma in IT Engineering Full Marks: 80

Year/Part: I/II (2016) Pass Marks: 32

Subject: Electrical Engineering **Time:** 3 hrs.

Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Attempt Any Five questions.



b) Using Thevenin's theorem calculate the current through 4Ω resistor. [8]



3. a) What do you mean by transformer? Explain the working principle of single phase transformer. (8)
 b) Explain the construction and working principle of 3ϕ induction motor in brief. (8)



Diploma In Electrical Question Paper 2nd Sem

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ELECTRONICS - I K. Shashidhar,2012-05-25 Electronics I is intended to be used as a text book for II Semester Diploma in Electrical and Electronics Engineering The motivation for writing this book came when I felt the absence of a suitable text for Polytechnic students This book is meant to fill the void It is designed for comprehensively covering all topics relevant to the subject Each and every topic has been explained in a very simple language as per the syllabus prescribed by the Board of Technical Education To enhance the utility of the book important points and review questions Fill in the blank and descriptive type have been included at the end of each chapter Model question papers have been provided to help students prepare better for the semester examinations It is hoped that this book will be of immense use to teachers and students of Polytechnics Any constructive suggestions from teachers and students for improving the contents will be warmly appreciated

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