

K. J. Somaiya College of Engineering, Mumbai-77
(A Constituent college of Somaiya Vidyavihar University)
Department of Electronics and Computer Engineering
SEM III EXCP : Nov 2023

Digital Electronics

Branch	Electronics and Computer Engineering	Semester	III
Course Name & Course Code	Digital Electronics (116U40C303)	Examination	ND2023
<u>Marking Scheme for Practical Examination</u>		Year	S.Y B. Tech

Sr. No.	Description	Max. Marks
1	Design Steps performed and Circuit Diagram for given question	7
2	Implementation of hardware and results	10
3	Questions based on syllabus of DE (topic other than experiment performed)	8

Rubrics

Topic	Excellent (A)	Good (B)	Satisfactory (C)	Not Satisfactory (D)
Design Steps and Circuit Diagram (7)	All design steps are correct and neat diagram is drawn (7-6)	Design steps have some mistakes , but circuit is drawn (5-4)	Need help in Design Circuit diagram is not very clear(3-2)	Does not know how to design , somehow drawn circuit (0-1)
Implementation of Hardware and Results (10)	Appropriate choice of ICs , Appropriate connections with pin , ability to trace circuit and derive output , Ability to implement change (9 -10)	Appropriate choice of ICs , Appropriate connections with pin , need help to trace circuit and derive output , No Ability to implement change (6-8)	Appropriate choice of ICs , Need help in connections , to trace circuit output no seen (4-5)	No understanding of ICs , connections , getting output, No results (0-3)
Viva on Syllabus (8)	All questions answered satisfactorily, Understanding of the syllabus (7-8)	Knowledge about limited topics , questions answered on the same (6-5)	Studied various topics , but understanding is not exhibited (4-3)	Not studied topics , Casual approach , Understanding of questions is poor (2-0)