

Mid Sem Question Paper

Name of the program:	BTech CSE	Semester:	I
Subject Name	Engineering Chemistry	Subject Code	SCY41106
Maximum Marks:	20	Time Duration:	2 Hrs
Total No. of Questions:	8	Total No of Pages:	2

GROUP A(1 X 5)

1> ???TM?

2> The output of an EX-NOR gate is 1. Which input combination is correct? a) A = 1, B = 0 b) A = 0, B = 1 c) A = 0, B = 0 d) A = 0, B' = 1.

3> nan

4> Which of the following is not a sequential circuit? 1)Flip-Flop 2)Counter 3)Shift register 4)Multiplexer

5> 3 bits full adder contains a)3 combinational inputs b) 4 combinational inputs c)6 combinational inputs d) 8 combinational inputs

GROUP B(3 X 5)

6> Discuss the classifications of FET devices.

7> Explain the major properties of Boolean algebra

8> Classify the logic families based on its operation

----- The End -----