

## 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> For example,  $3x - 5 = 16$  is an equation.

2> ???™?

3> 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)  $A = 0, B' = 1$ .

4> A variable on its own or in its complemented form is known as: a) Product Term b) Literal c) Sum Term d) Word

5> nan

### GROUP B(3 X 5)

6> Explain the process of converting SOP to SSOP and POS to SPOS.

7> Explain the major properties of Boolean algebra

8> Classify the logic families based on its operation

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