EAST WEST UNIVERSITY
Department of Computer Science and Engineering
Fall 2021 Semester
CSE345 Digital Logic Design, Section-3, Class Test-2
Marks:10
Time: 25 minutes

1. Design an OR-AND circuit for the Boolean function (5)

$$F(A,B,C,D) = \sum(1,3,4,5,9,13) + \sum_{d.c.}(2,7,8,11,14)$$

2. Analyze the following circuit by writing the Boolean expression of the output. (5)