II.   Custom Layout Questions ： Please select at least 2 questions to answer

1.   Please draw the layout of CMOS 2-input NOR gate.

2.   What is DFM? Can you describe DFM benefit? How to implement DFM? Can you describe

the following abbreviations: OPC and CAA?

3.   Please try to draw metal layout connection cross section.

4.   What is the difference among Digital/Analog circuit/layout design? Please try to describe

the focus of each.

5.   Please try to describe what ESD is. Can you list the factors which will affect ESD

performance?