

智能制造学院
2023-2024学年度第一学期期末考试
《数字电路与逻辑设计》A卷答题纸
(答题纸共6页 , 答题时间120分钟)

专业: 班级: 姓名:

注意 事项	1. 严格按照题号, 在对应答题区域作答, 超出区域的答案无效。	学号(*必填项*)									
	2. 禁止填涂答题纸四角识别码。										
	3. 保持卷面清洁, 不要装订、折叠、破损。	[0] [0] [0] [0] [0] [0] [0] [0] [0] [0]									
	4. 答题前先填涂学号, 书写姓名等信息。	[1] [1] [1] [1] [1] [1] [1] [1] [1] [1]									
	5. 客观题使用2B铅笔填涂。	[2] [2] [2] [2] [2] [2] [2] [2] [2] [2]									
填涂	正确填涂:  错误填涂:     	[3] [3] [3] [3] [3] [3] [3] [3] [3] [3]									
	考生禁填	缺考 ☐	作弊 ☐	违纪 ☐	[4] [4] [4] [4] [4] [4] [4] [4] [4] [4]						
		[5] [5] [5] [5] [5] [5] [5] [5] [5] [5]									
		[6] [6] [6] [6] [6] [6] [6] [6] [6] [6]									
		[7] [7] [7] [7] [7] [7] [7] [7] [7] [7]									
		[8] [8] [8] [8] [8] [8] [8] [8] [8] [8]									
		[9] [9] [9] [9] [9] [9] [9] [9] [9] [9]									

一、单项选择题 (共13小题, 每小题2分, 共26分)

1. [A] [B] [C] [D]
2. [A] [B] [C] [D]
3. [A] [B] [C] [D]
4. [A] [B] [C] [D]
5. [A] [B] [C] [D]
6. [A] [B] [C] [D]
7. [A] [B] [C] [D]
8. [A] [B] [C] [D]
9. [A] [B] [C] [D]
10. [A] [B] [C] [D]
11. [A] [B] [C] [D]
12. [A] [B] [C] [D]
13. [A] [B] [C] [D]

二、逻辑函数化简题 (本大题共2小题, 每小题4分, 共8分)

1. (4分)
2. (4分)

三、作图题 (本大题共3小题 , 共15分)

1. (4分)

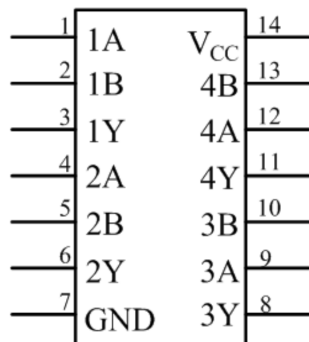


图3-2

2. (6分)

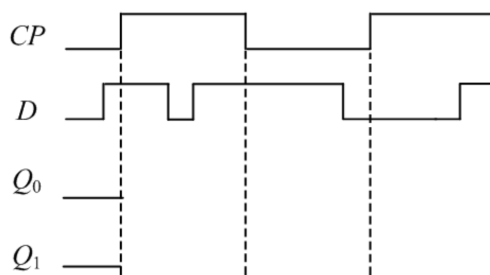


图3-4

3. (5分)

(1)

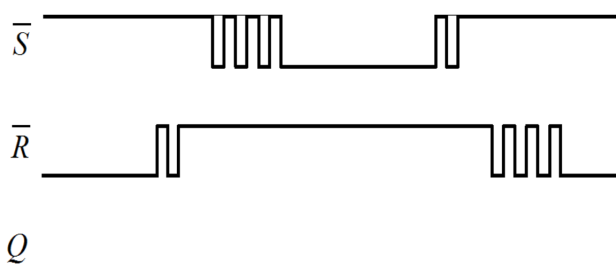


图3-6

(2)



专业: _____ 班级: _____ 姓名: _____

四、分析题 (本大题共4小题 , 共27分)

1. (7分)

(1)

(2)

(3)

2. (8分)

(1)

(2)

(3)





3. (4分)

(1)

(2)

4. (8分)

(1)

(2)

(3)





专业: _____ 班级: _____ 姓名: _____

五、设计题 (本大题共2小题 , 共24分)

1. (14分)

(1)

(2)

(3)

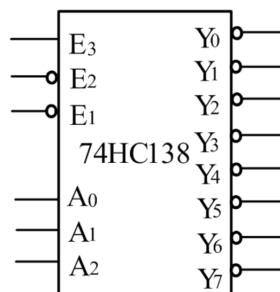


图5-1

(4)

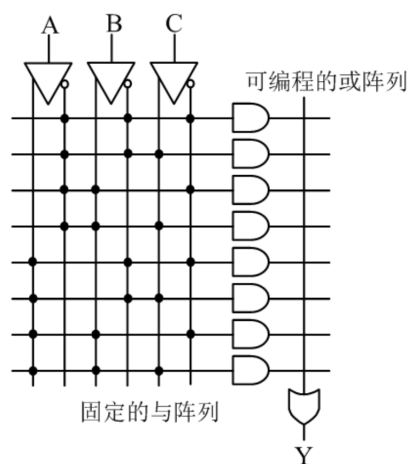


图5-2



2. (10分)

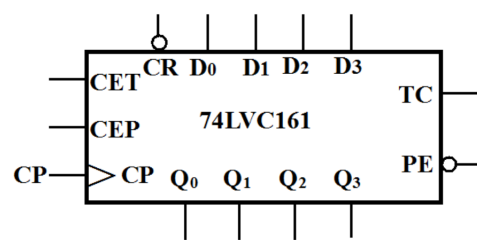


图5-3