

泰山学院机械工程学院2022级机械设计制造及其自动化  
(工业机器人方向) 专业本科  
2024 ~ 2025学年第一学期  
《机械设计》试卷A答题纸  
(答题纸共5页, 答题时间120分钟)

注意事项	1. 请严格按照题号在相应答题区域作答, 超出答题区域的答案无效; 在草稿纸、试卷上答题无效。禁止填涂答题纸四角的识别区。	学号(*必填项*)									
	2. 答题前请先将姓名、学号填涂清楚。	[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]									
填涂	3. 客观题使用2B铅笔填涂; 修改时用橡皮擦干净。	[0] [0] [0] [0] [0] [0] [0] [0] [0] [0] [0] [0]									
	4. 保持卷面清洁, 不要装订、折叠、破损。	[1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]									
考生禁填	正确填涂: <input checked="" type="checkbox"/> 错误填涂: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	[2] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2]									
	缺考 <input type="checkbox"/> 作弊 <input type="checkbox"/> 违纪 <input type="checkbox"/>	[3] [3] [3] [3] [3] [3] [3] [3] [3] [3] [3] [3]									
		[4] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4]									
		[5] [5] [5] [5] [5] [5] [5] [5] [5] [5] [5] [5]									
		[6] [6] [6] [6] [6] [6] [6] [6] [6] [6] [6] [6]									
		[7] [7] [7] [7] [7] [7] [7] [7] [7] [7] [7] [7]									
		[8] [8] [8] [8] [8] [8] [8] [8] [8] [8] [8] [8]									
		[9] [9] [9] [9] [9] [9] [9] [9] [9] [9] [9] [9]									

一、单选题 (每题2分, 共20分)

- |                    |                     |
|--------------------|---------------------|
| 1. [A] [B] [C] [D] | 6. [A] [B] [C] [D]  |
| 2. [A] [B] [C] [D] | 7. [A] [B] [C] [D]  |
| 3. [A] [B] [C] [D] | 8. [A] [B] [C] [D]  |
| 4. [A] [B] [C] [D] | 9. [A] [B] [C] [D]  |
| 5. [A] [B] [C] [D] | 10. [A] [B] [C] [D] |

二、填空题 (共20分)

1.(6分)
2.(2分)
3.(2分)
4.(4分)
5.(4分)

6.(2分)
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三、简答题 (共20分)

1. (5分)
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2. (5分)
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3. (5分)
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学号:

姓名:

年级、专业、班级:

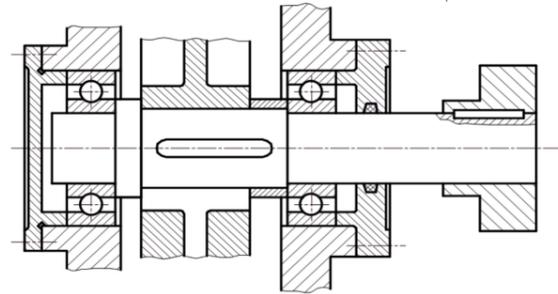
学院:

线 封 密

4. (5分)

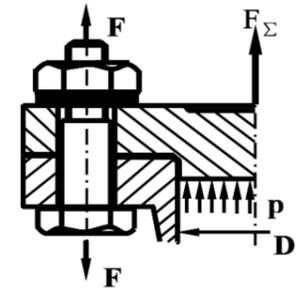
四、分析题 (共10分)

1. (10分)

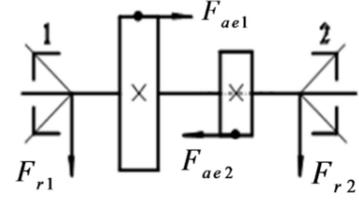


五、计算题 (共30分)

1. (15分)



2. (15分)



$F_a$	$F_a/F_r \leq e$		$F_a/F_r > e$		$e$
	$X$	$Y$	$X$	$Y$	
$0.68F_r$	$1$	$0$	$0.41$	$0.87$	$0.68$