

泰山学院 生物与酿酒工程学院
2021级 生物技术专业 本科
2023~2024学年 第二学期
疫苗学 试卷A
(试卷共6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。																																																																																																																							
	3. 客观题使用2B铅笔填涂；修改时用橡皮擦干净。										<table border="1"> <tr><td>[0]</td><td>[0]</td><td>[0]</td><td>[0]</td><td>[0]</td><td>[0]</td><td>[0]</td><td>[0]</td><td>[0]</td><td>[0]</td></tr> <tr><td>[1]</td><td>[1]</td><td>[1]</td><td>[1]</td><td>[1]</td><td>[1]</td><td>[1]</td><td>[1]</td><td>[1]</td><td>[1]</td></tr> <tr><td>[2]</td><td>[2]</td><td>[2]</td><td>[2]</td><td>[2]</td><td>[2]</td><td>[2]</td><td>[2]</td><td>[2]</td><td>[2]</td></tr> <tr><td>[3]</td><td>[3]</td><td>[3]</td><td>[3]</td><td>[3]</td><td>[3]</td><td>[3]</td><td>[3]</td><td>[3]</td><td>[3]</td></tr> <tr><td>[4]</td><td>[4]</td><td>[4]</td><td>[4]</td><td>[4]</td><td>[4]</td><td>[4]</td><td>[4]</td><td>[4]</td><td>[4]</td></tr> <tr><td>[5]</td><td>[5]</td><td>[5]</td><td>[5]</td><td>[5]</td><td>[5]</td><td>[5]</td><td>[5]</td><td>[5]</td><td>[5]</td></tr> <tr><td>[6]</td><td>[6]</td><td>[6]</td><td>[6]</td><td>[6]</td><td>[6]</td><td>[6]</td><td>[6]</td><td>[6]</td><td>[6]</td></tr> <tr><td>[7]</td><td>[7]</td><td>[7]</td><td>[7]</td><td>[7]</td><td>[7]</td><td>[7]</td><td>[7]</td><td>[7]</td><td>[7]</td></tr> <tr><td>[8]</td><td>[8]</td><td>[8]</td><td>[8]</td><td>[8]</td><td>[8]</td><td>[8]</td><td>[8]</td><td>[8]</td><td>[8]</td></tr> <tr><td>[9]</td><td>[9]</td><td>[9]</td><td>[9]</td><td>[9]</td><td>[9]</td><td>[9]</td><td>[9]</td><td>[9]</td><td>[9]</td></tr> </table>										[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[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]
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4. 保持卷面清洁，不要装订、折叠、破损。																																																																																																																								
填涂	正确填涂：  错误填涂：     																																																																																																																							
考生禁填	缺考 作弊 违纪   																																																																																																																							

一、疫苗是应用非常广泛的生物制品，是人类预防疾病的重要武器。疫苗种类不同，其研制方法也不相同。请任选一种预防性或治疗性疫苗，如传染病疫苗或肿瘤疫苗（人用、兽用或植物用），通过查阅文献资料，论述该疫苗的设计与研发工艺。要求：系统论述该类疫苗的最新研究进展，包括菌毒虫种流行病学资料、免疫学作用原理、佐剂与接种途径设计、疫苗制备与检验、疫苗效果评价等，要求层次清晰、观点明确，字数3000字左右。（共100分）

教师评语, 请勿在此区域作答

学院

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