

河南理工大学2023~2024学年第一学期
遥感技术与实践(A卷)

注意 事项	1. 答题前请先将姓名、学号填涂清楚。 2. 客观题使用2B铅笔填涂；修改时用橡皮擦干净。 3. 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。 4. 保持卷面清洁，不要装订、折叠、破损。		学号(*必填项*) <table border="1"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>																																																																																																																																																																																																																							
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一、解答题 (共100分)

1. (15分)请画出植被的反射率光谱曲线,并用文字说明其反射波谱特征。

2. (15分)分析卫星、有人机、无人机摄影测量的优缺点,可从平台高度、观测角度、成图精度、作业方式、作业效率和应用领域等方面分析。限300字以内。

3. (15分)列举立体摄影测量和合成孔径雷达手段生成数字高程模型的主要数据源。分析两者生成数字高程模型的优缺点。限300字以内。



4. (15分)请介绍利用高分辨率遥感影像，包含全色影像和多光谱影像，更新或者修测地形图的技术流程，要求用文字叙述，可以绘制相关技术流程图。

5. (20分)介绍5种以上遥感常用的文件格式，例如HDF格式，及其对应常见的遥感数据及其应用。



6. (20分)介绍遥感影像辐射校正处理原理、流程及应用场景。

