

## Questions Bacterial Staining

- 1) While performing the stains, why was it important to not let the slide get too hot from the bunsen burners?
- 2) How does a simple stain differ from a negative stain?
- 3) What is the difference between a simple stain and a differential stain?
- 4) What does "fixing" mean when performing bacterial stains?
- 5) How are positively charged dyes able to adhere to bacteria?
- 6) What survival advantage is gained in bacteria that produce capsules?
- 7) How long can endospores survive?
- 8) What survival advantage do acid fast bacteria have over other non-acid fast bacteria?
- 9) What variety of stain is negatively charged rather than positively charged?
- 10) List some differences in gram negative and gram positive bacterial cell walls.