

UN Identification of Unknown Bacteria

You will receive two slants, each containing a different organism. You'll use these slants to begin identifying your unknown. Note: Record the colonial morphology on the slant, gram-stain each organism, and using the appropriate flow chart (attached) conduct the correct biochemical tests to identify your organism. **Use good technique** — **contamination of your tests can lead to false results and inaccurate identification.** Use the table below to record your results.

Name: _____ Date: _____

Unknown #: _____ Score: _____

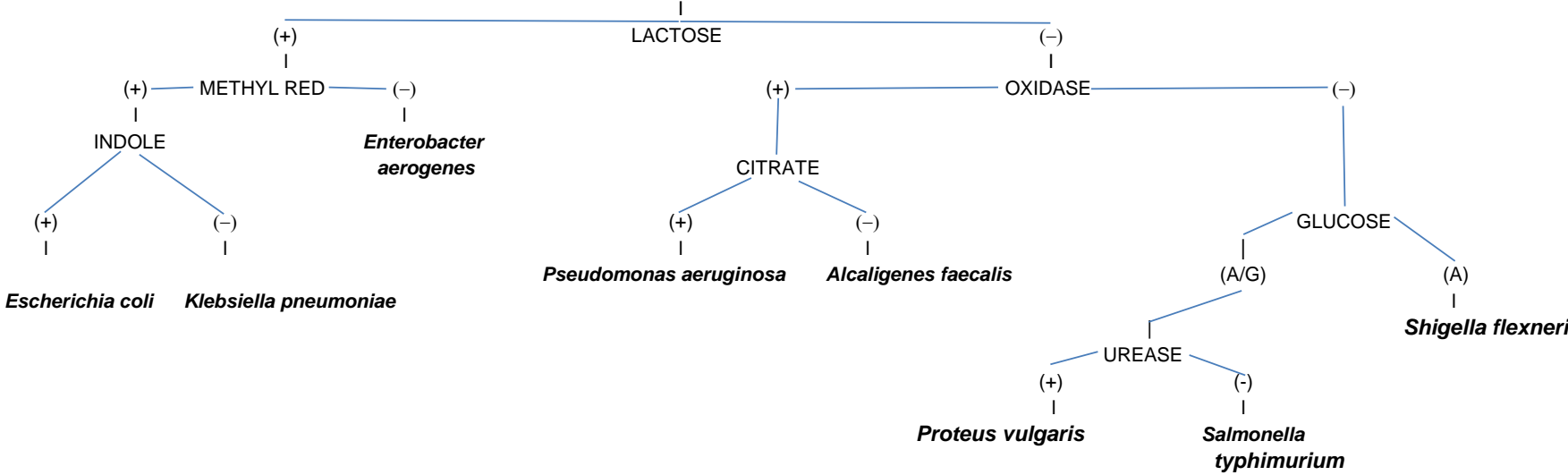
PROCEDURE	RESULTS	
	ORGANISM A	ORGANISM B
COLONIAL MORPHOLOGY (GROWTH ON THE SLANT)		
GRAM RESULTS (+) OR (-) and CELL MORPHOLOGY		
GLUCOSE FERMENTATION		
LACTOSE FERMENTATION		
MANNITOL FERMENTATION		
METHYL RED		
CATALASE		
OXIDASE		
NITRATE		
UREASE		
CITRATE		
INDOLE		
H ₂ S		
MOTILITY		
Other:		
Other:		
Other:		
Other:		
Other:		

YOUR IDENTIFICATION:

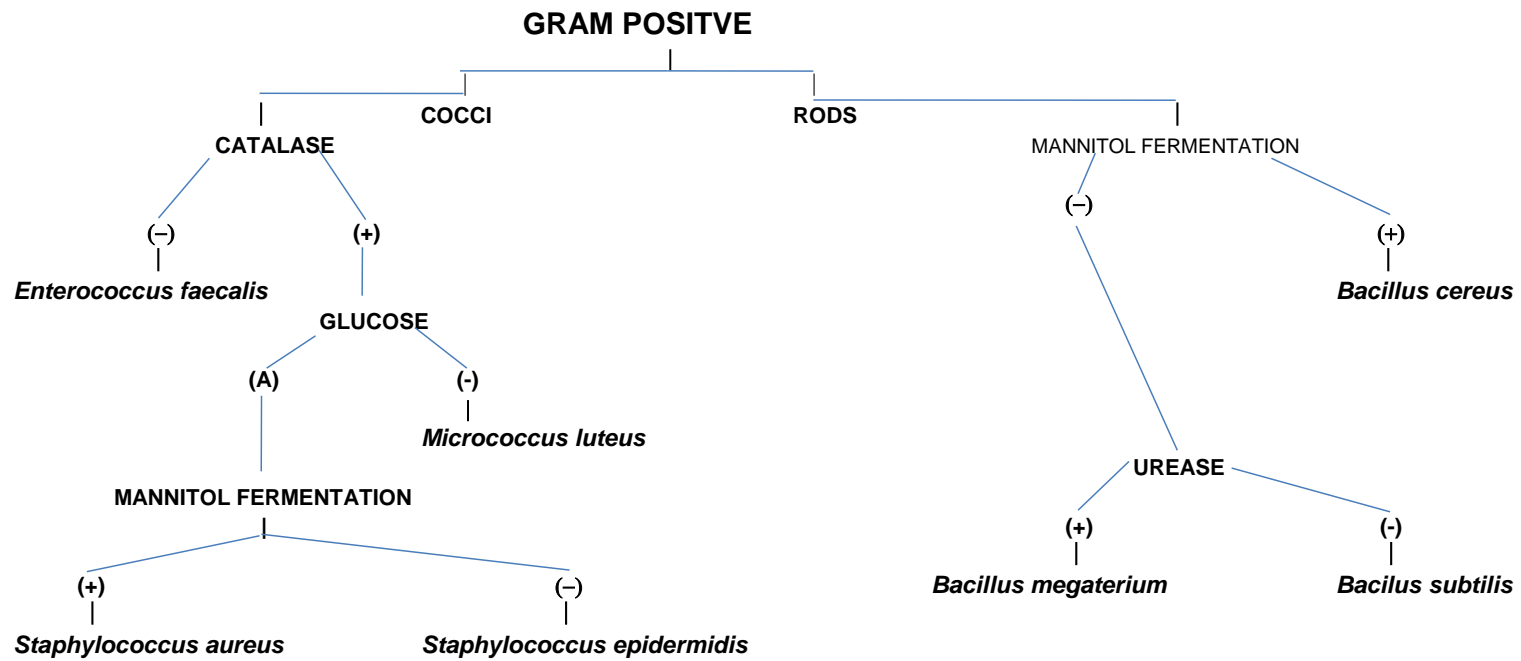
ORGANISM A: _____

ORGANISM B: _____

GRAM NEGATIVE RODS



(A/G)= Acid and Gas
 (A)= Acid
 (+)= Positive result
 (-)= Negative result



(A)= Acid
 (+)= positive result
 (-)= negative result