**Vibrio Culture Quiz**

1. What is the best description of the Gram Stain of Vibrio spp.
   1. **Comma shaped gram negative rods**
   2. Long Fat Gram Negative Rods
   3. Gram Variable Cocci
   4. Small Gram negative Coccobacilli
2. Vibrios are considered Halophilic organisms, what does this mean?
   1. Happy Growing in any environment
   2. Prefers Low Salt concentration environments
   3. **Prefers High Salt concentration environments**
   4. Prefers to grow in environments rich in Hyaluronic Acid
3. Vibrio Plate Morphology Can be described as:
   1. Growth on TCBS Agar
   2. Beta Hemolytic on 5% Sheep Blood Agar
   3. Oxidase, and Indole Positive
   4. **All of the above**
4. Cary-Blair Transport Media primary function is:
   1. Prevent freezing of the sample during transport
   2. Gives the Lab the ability to set up a MALDI-TOF slide directly from the liquid
   3. Emulsifies the stool so the inoculating loop glides across the agar more smoothly
   4. **Supports growth of enteric pathogens, while preventing overgrowth of normal fecal flora.**
5. TCBS Agar stands for:
   1. Tricyclic Boric Sulfate
   2. **Thiosulfate-citrate-bile salts-sucrose**
   3. Tetra-Carbonic Brucella Sodium
   4. Temperature Controlling Binding Serum
6. TCBS Agar in the clinical Microbiology lab is routinely used for:
   1. Recovering Proteus from Tainted Food Products
   2. **Selective and differential media for the recovery of clinically significant Vibrios**
   3. Pharmacy Environmental Cultures
   4. Positively Identify V. *cholerae* by the reaction on the plate; making setting up a full ID not necessary
7. The Indicator in the TCBS agar turns yellow in the presence of:
   1. V. *cholerae,*
   2. V. *alginolyticus*
   3. V. *fluvialis*
   4. **All of the above**