

Archive micro 9

Gram negative

1. Which fastidious organism requires specific factors from blood for its growth?:

- A) Streptococcus pyogenes
- B) Mycobacterium tuberculosis
- C) Haemophilus influenzae
- D) Escherichia coli

Answer:C

2. The causative agent of whooping cough is:

- A) Corynebacterium diphtheriae
- B) Bordetella pertussis
- C) Haemophilus influenzae
- D) Klebsiella pneumoniae

Answer: B

3. Vibrio cholerae is classified as:

- A) Gram-positive bacilli
- B) Gram-negative cocci
- C) Gram-negative comma-shaped bacilli
- D) Gram-positive cocci

Answer: c

4. Which bacterium causes “rice-water” diarrhea?

- A) Shigella spp.
- B) Escherichia coli
- C) Vibrio cholerae
- D) Salmonella enterica

Answer: C

5. Which virulence factor protects Haemophilus influenzae from phagocytosis?

- A) IgA protease

B) Pili

C) Endotoxin (LPS)

D) Polysaccharide capsule

Answer: D

6. Which of the following Gram-negative bacteria is commonly associated with sexually transmitted

diseases (STDs)?

A) Neisseria meningitidis

B) Neisseria gonorrhoeae

C) Haemophilus influenzae

D) Vibrio cholera

Answer: B