

BAC 2100 Practice Midterm 2

- e) Both A and D
 - f) Both A and B
 - g) Both B and C
8. While doing your rounds at a walk in clinic, you notice a young man in the waiting room who has a grotesque grinning expression on his face. Rather than being appalled by the expression, you knew the young man may be infected with:
- a) *Listeria monocytogenes*
 - b) *Bacillus cereus*
 - c) *Clostridium tetani*
 - d) *Clostridium difficile*
9. The neurotoxin created by *Clostridium botulinum* blocks the release of what neurotransmitter?
- a) Acetylcholine
 - b) Dopamine
 - c) GABA
 - d) Serotonin
10. In *Helicobacter pylori*, what is the purpose of urease?
- a) To destroy the lining of the stomach
 - b) To decrease the production of mucous
 - c) To increase the pH locally in the stomach
 - d) To decrease the pH locally in the stomach
11. Which of the following microorganisms are not able to ferment lactose?
- a) *Salmonella typhi* ✓
 - b) *Shigellae* ✓
 - c) *Pseudomonas aeruginosa*
 - d) *Enterobacter sakazakii*
 - e) a and b
 - f) a, b and c
 - g) all of the above
12. Which microorganism is the *major* cause of "traveller's diarrhea"?
- a) *Campylobacter coli*
 - b) Enterotoxigenic *Escherichia coli*
 - c) Enteropathogenic *Escherichia coli*
 - d) *Salmonella typhi*
 - e) a and b
 - f) a, b and c
 - g) all of the above
13. This microorganism is very risky to Cystic Fibrosis patients:
- a) *Vibrio cholerae*
 - b) *Campylobacter jejuni*