

This Exam Outline was developed to help you prepare for the knowledge exam.

This Exam Outline is not meant to cover all aspects of the knowledge exam, but to guide your preparation for questions that may occur in the knowledge exam.

Review:

- Staining techniques and dyes
 - Prussian Blue
 - Metal mordant dye
 - Harris hematoxylin
 - Fite Method
 - H & E stain protocol
 - Toluidine blue
 - Jones' methenamine silver stain
 - Grocott's methenamine silver (GMS)
 - Colloidal iron special staining technique
 - Bielschowsky technique
 - Fontana Masson
 - Gomori aldehyde fuchsin stain
- Fixative techniques and fluids
 - Paraffin fixation
 - Bouin's
 - Formaldehyde
 - Methanol
 - Zenkers
- Property of molecules to show color
- Definition
 - Buffers
 - Chemical reducers
 - Oxidizers
 - Sensitizers
 - Acid/base
- Freezing agents/frozen section preparation techniques
- Accreditation agencies to maintain standards
- Anatomy of the peripheral nervous system
- Decalcification methods
- Categorizing gram neg/pos organisms