

150 Single Best Answer Questions for the Duke Elder Examination: A Comprehensive Guide for Test Preparation

The Duke Elder Examination is a prestigious test that assesses the knowledge and skills of ophthalmologists and ophthalmic surgeons. It is often used as a benchmark for excellence in the field. To prepare for this challenging examination, it is essential to have a solid understanding of the core principles of ophthalmology. This comprehensive article provides 150 Single Best Answer (SBA) questions that cover a wide range of topics, including anatomy, physiology, pathology, diagnosis, and management of ophthalmic conditions.

Format of SBA Questions

SBA questions typically present a clinical scenario or a set of statements, followed by a list of possible answers. Only one answer is correct, and your task is to identify this answer among the options provided. When answering SBA questions, it is important to read the question and answer choices carefully, paying attention to subtle differences in wording. You should also consider all the information provided in the question and look for key words that may help you identify the correct answer.



150 SINGLE BEST ANSWER QUESTIONS FOR THE DUKE ELDER EXAMINATION: For Medical Students

by Adolph Barr

★★★★★ 5 out of 5

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Benefits of Practicing SBA Questions

Practicing SBA questions offers numerous benefits for your Duke Elder Examination preparation:

* **Improved knowledge base:** SBA questions require you to recall and apply your knowledge of ophthalmology, which strengthens your understanding of the subject matter. * **Enhanced critical thinking skills:** SBA questions challenge you to analyze clinical scenarios and identify the most appropriate answer from several options, improving your critical thinking and problem-solving abilities. * **Increased confidence:** Regular practice with SBA questions builds your confidence in answering these types of questions during the actual examination.

Sample SBA Questions

To give you a comprehensive overview of the types of SBA questions you may encounter on the Duke Elder Examination, we have compiled a list of 150 questions covering various topics.

Anatomy

1. Which of the following structures is responsible for the production of aqueous humor? (a) Ciliary body (b) Iris (c) Trabecular meshwork (d) Lens
2. What is the name of the connective tissue layer that separates the sclera from the choroid? (a) Bruch's membrane (b) Descemet's membrane (c) Bowman's layer (d) Tenon's capsule

Physiology

3. Which of the following is the primary function of the cornea? (a) To refract light (b) To protect the eye (c) To secrete tears (d) To control intraocular pressure
4. What is the name of the process by which the lens changes shape to focus light on the retina? (a) Accommodation (b) Constriction (c) Dilation (d) Mydriasis

Pathology

5. Which of the following is a common cause of uveitis? (a) Herpes simplex virus (b) Cytomegalovirus (c) Toxoplasma gondii (d) All of the above
6. What is the most common type of glaucoma? (a) Open-angle glaucoma (b) Angle-closure glaucoma (c) Neovascular glaucoma (d) Pigmentary glaucoma

Diagnosis

7. Which of the following tests is used to measure intraocular pressure? (a) Tonometry (b) Ophthalmoscopy (c) Visual field testing (d) Retinal photography

8. What is the name of the test that uses a dye to highlight the blood vessels in the retina? (a) Fluorescein angiography (b) Optical coherence tomography (c) Indocyanine green angiography (d) Fundus photography

Management

9. Which of the following is the first-line treatment for acute angle-closure glaucoma? (a) Pilocarpine eye drops (b) Timolol eye drops (c) Laser iridotomy (d) Trabeculectomy

10. What type of surgery is used to remove a cataract? (a) Phacoemulsification (b) Keratoplasty (c) Trabeculectomy (d) Vitrectomy

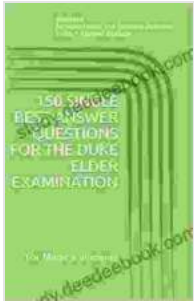
Additional Resources

In addition to practicing SBA questions, there are several other resources that can help you prepare for the Duke Elder Examination:

* **Textbooks:** Comprehensive ophthalmology textbooks provide a detailed overview of the subject matter, including in-depth explanations of ophthalmic conditions and their management. * **Review courses:** Dedicated review courses offered by professional organizations or institutions can provide structured guidance and support during your preparation. * **Online resources:** Numerous online platforms offer practice questions, study materials, and discussion forums tailored to the Duke Elder Examination.

The Duke Elder Examination is a challenging test that requires a thorough understanding of ophthalmology. By practicing SBA questions, you can improve your knowledge base, enhance your critical thinking skills, and increase your confidence in answering these types of questions during the

actual examination. This article has provided you with 150 SBA questions to help you prepare for the test, covering a wide range of topics. Remember to utilize additional resources and seek support from experienced ophthalmologists to maximize your chances of success.



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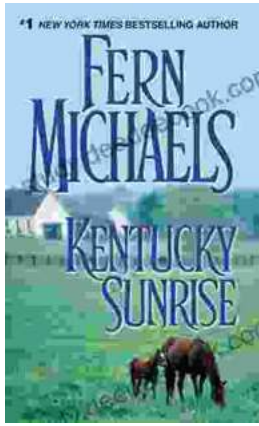
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