SAUDI BOARD RESIDENCY TRAINING PROGRAM

CARDIAC SURGERY

Part One Examination

Examination Format:

Part I Examination of Saudi board certificate shall consist of one paper with 150 Single Best Answer MCQs. Up to 10% unscored items can be added for pretesting purposes.

Passing Score:

1. The passing score is 65%.
2. If the percentage of candidates passing the exam before final approval is less than 70%, the passing score can be lowered by one mark at a time aiming at achieving 70% passing rate or a score of 60% whichever comes first. Under no circumstances, may the score can be reduced below 60%.

Suggested References:

- Kirklin/Barratt-Boyes Cardiac Surgery, 4th Edition
- Sabiston and Spencer Surgery of the Chest, 9e 9th Edition
- Cardiac Surgery in the Adult Fifth Edition 6th Edition
- Professionalism and Ethics, Handbook for Residents, Practical guide, Prof.
- James Ware, Dr. Abdulaziz Fahad Alkaabba, Dr. Ghaiath MA Hussein, Prof.
- Omar Hasan Kasule, SCFHS, Latest Edition.
- Essentials of Patient Safety, SCHS, Latest Edition.
- Sabiston Testbook of Surgery by Mark Evers et al (20th edition)

Note:

This list is intended for use as a study aid only. SCFHS does not intend the list to imply endorsement of these specific references, nor are the exam questions necessarily taken solely from these sources.

Blueprint outlines

No.	Sections	Percentage
1	Cardiovascular and Chest Anatomy	11%
2	Cardiovascular and Chest Physiology	11%
3	Principles of Inflammation, Angiogenesis, and Wound Healing	10%
4	Principles of Anesthesia, And Intensive Care	10%
5	Perioperative Care	13%
6	Principles of Perfusion, Cardioplegia, and Hypothermia	10%
7	Adults Cardiac Surgery	25%
8	Congenital Cardiac Surgery	10%
Total		**100%**

Note:

- Blueprint distributions of the examination may differ up to +/-5% in each category.
- Percentages and content are subject to change at any time. See the SCFHS website for the most up-to-date information.
- Research, Ethics & Professionalism and patient safety is incorporated within the various domains.

Example Questions

EXAMPLE OF K2 QUESTIONS

Question 1

A 70-kg patient undergoing aortic valve replacement received 30,000 IU of Heparin pre-bypass. The Activated Clotting time (ACT) measured 5 minutes after injection was 120 seconds.

Which of the following is the most appropriate management?

A. ACT is not the best test for this setting
B. Fresh Frozen Plasma should be administered
C. A higher dose of Heparin should have been used
D. The patient can safely be placed on cardiopulmonary bypass

EXAMPLES OF K1

Question 2

In a patient with aortic valve stenosis, which of the following significantly increases the risk of death?

A. Surgery
B. 5 years of disease
C. Moderate stenosis
D. Development of symptoms