



## SAUDI FELLOWSHIP TRAINING PROGRAM

### ADULT CARDIOLOGY

#### Final Written Examination

##### **Examination Format:**

The Saudi subspecialty fellowship and diplomas final written examination shall consist of one paper with 80-120 Single Best Answer MCQs. Up to 10% unscored items can be added for pretesting purposes.

##### **Passing Score:**

The passing score is 70%. However, if the percentage of candidates passing the examination before final approval is less than 70%, the passing score must be lowered by one mark at a time aiming at achieving a 70% passing rate or 65% passing score, whichever comes first. Under no circumstances can the passing score be reduced below 65%.


**Blueprint Outlines:**

No.	Sections	Percentage
1	Basic sciences <sup>1</sup> / Cardiac Pathology/ Cardiac Physiology	9%
2	Clinical examination	7%
3	Systemic/Pulmonary hypertension	5%
4	Aortic disease /Heart disease and pregnancy	6%
5	Coronary artery diseases	20%
6	Cardiomyopathies and Heart Failure	13%
7	Cardiac Arrhythmia	9%
8	Valvular diseases	17%
9	Adult congenital heart diseases ACHD/Pericardial/Systemic diseases	7%
10	Cardiac pharmacology	7%
<b>Total</b>		<b>100%</b>

<sup>1</sup>. includes cardiac channels disease and post Ischemic changes

**Note:**

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



**Suggested References:**

- Heart Disease- A textbook of cardiovascular medicine By Braunwald, Zipes and Libby
- Cardiology By M. Crawford, J. DiMarco, and W. Paulus
- Textbook of Interventional Cardiology By Topol
- Textbook of Clinical Echocardiography By C. Otto
- Feigenbaum's Echocardiography
- The Echo Manual By J. Oh
- ASE's Comprehensive Echocardiography
- Hemodynamic Rounds By M. Kern
- The Art and Science of bedside diagnosis By Sapira
- Interventional Cardiology By Singer
- Mayo Clinic Cardiovascular Board Review By J. Murphy and M. Lloyd - 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.

**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.



## Example Questions

### EXAMPLE OF K2 QUESTIONS

#### Question 1

Which of the following is a rare side effect of ACE inhibitors?

- A. Cough
- B. Hypotension
- C. Hypokalemia
- D. Agranulocytosis

### EXAMPLE OF K1

#### Question 2

A 56-year-old man is coming for a scheduled clinic follow-up. Blood pressure readings have ranged between 166/90 and 170/100 mmHg for most of the time. His physical activity is limited by shortness of breath but no other symptoms. He has been receiving incremental doses of antihypertensive medications, which currently consist of; Lisinopril 40 mg, Amlodipine 10 mg, and carvedilol 25 mg twice daily. Basic laboratory tests are within normal limits. ECG shows voltage criteria for left ventricular hypertrophy with strain pattern. After ensuring adequate adherence to medications and accurate BP measurement techniques.

Which of the following is the best next step?

- A. Ambulatory BP monitor
- B. Doppler renal ultrasound
- C. Start hydrochlorothiazide
- D. Renal denervation therapy