



## SAUDI BOARD RESIDENCY TRAINING PROGRAM

### CLINICAL BIOCHEMISTRY

#### Final Examination

#### Written Examination:

##### Exam Format:

A Saudi board final specialty written examination shall consist of two papers each with 100-125 single best answer Multiple Choice Questions (MCQs). Up to 10% unscored MSQs can be added for calibration 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 70% passing rate or 65% passing score whichever comes first. Under no circumstances can the passing score be reduced below 65%.





### **Suggested References:**

1. Clinical Biochemistry: Metabolic and Clinical Aspects. Marshall, W.J. & Bangert, S.K., Elsevier Science Health Science Div.
2. Clinical Chemistry, Marshall, W.J., Elsevier Science Health Science Div. Tietz Textbook of Clinical Chemistry, Burtis, C.A. & Ashwood, E.R., WB Saunders.
3. Tietz Fundamentals of Clinical Chemistry, Burtis C.A., E.R. Ashwood, D.E. Bruns and N.W. Tietz, WB Saunders.
4. ACB Venture Publications, Various, ACB Venture Publications Guide to Diagnostic Clinical.
5. A Guide to Diagnostic Clinical Biochemistry, Walmsley R. N. and White G. H. Clinical Chemistry, Blackwell Scientific Clinical Chemistry.
6. Clinical Chemistry: Theory, Analysis, Correlation, Kaplan L.A. , Pesce A.J. , and Kazmierczak S.C., Mosby.
7. Clinical Chemistry in Diagnosis and Treatment, Day A., Mayne P. and Mayne P.D., Hodder Arnold.
8. Clinical Biochemistry: An Illustrated Colour Text, Stewart M.J., Shepherd J., Gaw A., Murphy M.J., Cowan R.A. and O'Reilly D. J., Churchill Livingstone.
9. Laboratory guide to the methods in biochemical genetics, Blau, N., Duran, M., & Gibson, K.
10. Laboratory quality management system: handbook - World Health Organization

### **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.





**Final Written Exam Blueprint Outlines:**

No.	Sections	Percentage
1	General Clinical Biochemistry	27%
2	Endocrinology /Special Biochemistry	25%
3	Therapeutic Drug Monitoring (TDM) & Toxicology	10%
4	Metabolic Chemistry & Newborn screening	10%
5	Molecular Biochemistry	5%
6	Point of care testing (POCT)	10%
7	Research and Statistics	13%
<b>Total</b>		<b>100%</b>

**Notes:**

- Blueprint distributions of the examination may differ up to +/-5% in each section.
- 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 are incorporated within various domains.
- Results will be published within 14 business days following the last date of your examination

