



## Saudi Licensing Examinations

### Laboratory - Technician Blueprint

#### Blueprint outlines

Evaluation Item	Sections	Percentage (%)
(150 MCQs, 3 hours)	1. Microbiology*	20%
	2. Clinical Chemistry**	20%
	3. Hematology	20%
	4. Blood Bank	20%
	5. Immunology / Serology	15%
	6. Histo/Cyto-Techniques	5%
<b>Total</b>		<b>100%</b>

\*Microbiology includes: Bacteriology, Virology, Parasitology, and Mycology.

\*\*Clinical Chemistry includes: General Chemistry, Hormones, Urinalysis, and Body Fluids.

#### Note:

Test specifications and content have been reviewed and updated, therefore pass rates are adjusted accordingly.

**Passing Score:** 55%

This applies for any test conducted as of June 21, 2022 and beyond

- 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.

### **References:**

1. Laboratory Practice in Tropical Countries, Monica Cheesbrough (Latest Edition).
2. Manual on Standard Operation Procedures, Sample Collection and Reference Ranges for Clinical Chemistry, Meliyanthi M. Gunatillaka (Latest Edition).
3. Clinical Immunology and Serology, Christine Dorresteyn Stevens (Latest Edition).
4. HENRY'S Clinical Diagnosis and Management by Laboratory Methods, McPherson, (Latest Edition).
5. Modern Blood Banking & Transfusion Practices, By: Denise M. Harmening, (Latest edition).
6. A Manual of Laboratory and Diagnostic Tests, (9<sup>th</sup> Edition), (Fischbach, F. and Dunning, M.B.).
7. Tietz Fundamentals of Clinical Chemistry and Molecular Diagnostics, (Latest Edition), (Burtis, C.A. and Bruns, D.E.).
8. Wintrobe's Clinical Hematology, (14<sup>th</sup> Edition), (Greer, et al.).
9. Clinical Laboratory Science, Mary Louise Turgeon.
10. Tille, P. (2013). Bailey & Scott's Diagnostic Microbiology (13<sup>th</sup> ed.). Mosby
11. Bishop, M. L., Fody, E. P., & Schoeff, L. E. (2010). Clinical Chemistry: Techniques, principles, correlation (6<sup>th</sup> ed.). Lippincott Williams & Wilkins.
12. Harmening D.M.(2012). Modern Blood Banking & Transfusion Practices.6<sup>th</sup> Ed.Philadelphia, PA: F.A.Davis Company.
13. Bancroft's Theory and Practice of Histological Techniques (8<sup>th</sup> Edition), Suvarna, Layton, Bancroft.
14. Todd, I., Spickett, G., & Fairclough, L. (n.d.). Lecture Notes: Immunology (7<sup>th</sup> ed.). Wiley.
15. Rodak, B. F., & Carr, J. H. (n.d.). Clinical Hematology Atlas (5<sup>th</sup> ed.). Elsevier.

### **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.