



SAUDI BOARD RESIDENCY TRAINING PROGRAM

Community Medicine R3

Promotion Examination

Written Examination Format:

- A written examination shall consist of one paper with not less than 100 MCQs with a single best answer (one correct answer out of four options).
- The examination shall contain type K2 questions (interpretation, analysis, reasoning and decision making) and type K1 questions (recall and comprehension).
- The examination shall include basic concepts and clinical topics relevant to the specialty.
- Clinical presentation questions include history, clinical finding and patient approach. Diagnosis and investigation questions; include the possible diagnosis and diagnostic methods. Management questions; including treatment and clinical management, either therapeutic or non-therapeutic, and complications of management. Materials and Instruments questions; including material properties, usage, and selection of instruments and equipment used. Health maintenance questions; include health promotion, disease prevention, risk factors assessment, and prognosis.

Passing Score for Promotion Exam:

The trainee's performance is assessed in each of the evaluation formulas according to the following scoring system:

Score	Less than 50%	50% – 59.4%	60% - 69.4%	More than 70%
Description	Clear Fail	Borderline Fail	Borderline Pass	Clear Pass

1. To upgrade the trainee from a training level to the next level, She/he must obtain at least a **Borderline Pass** in each evaluation form.
2. The program director may recommend to the local supervision committee to request the promotion of the trainee who did not meet the previous promotion requirement according to the following:
 - A. In case that the trainee gets a **borderline Fail** result in **one** of the evaluation forms, the remaining evaluation forms must be passed with **Clear Pass** in at least **one** of them.



- B. In case that the trainee gets a **borderline Fail** result in **two** of the evaluation forms to a maximum, provided they do not fall under the same theme (Knowledge, Attitude, Skills). The remaining evaluation forms must be passed with **Clear Pass** in at least **two** of them.
- C. The promotion must be approved in this case by the scientific council for the specialization.

Blueprint Outlines

No.	<u>R3</u> Section	Proportion%
1	Advanced Epidemiology	20%
2	Observational Designs	8%
3	Survey Methods	8%
4	Experimental Designs	8%
5	Public Health Programs II	8%
6	Demography	8%
7	Infection Control	8%
8	Health Planning and Management	13%
9	Health Information Systems	8%
10	Statistical Modeling of Epidemiological data	11%
Total		100%

Note:

- Blueprint distribution of the examination may differ up to +/-3% in each category.
- Percentages and content are subject to change at any time. See the SCFHS website for the most up-to-date information.



Suggested References:

1. Principles of Epidemiology in Public Health Practice. 3rd edition. Centers for Disease Control and Prevention (CDC); Office of Workforce and Career Development: Atlanta; 2012.
2. Epidemiology: Beyond the Basics by M Szklo and J Nieto (4th edition).
3. Daniel WW, Cross CL. Biostatistics: a foundation for analysis in the health sciences. Wiley; 2018.
4. Kleinbaum DG, Kupper LL, Nizam A, Muller KE. Applied regression analysis and other multivariable methods. 4th edition. Boston, MA: Kent Publishing Company, 2007
5. Epidemiology: Beyond the Basics by M Szklo and J Nieto (4th edition).
6. Survey Methodology by Robert M. Groves, Floyd J. Fowler Jr., Mick P. Couper and James M. Lepkowski (2009)
7. Field Trials of Health Interventions: A Toolbox Peter G. Smith, Richard H. Morrow, and David A. Ross 2015
8. WHO. Core components for infection prevention and control programs. Geneva: WHO, 2009.
9. Demography: The Study of Human Population, (4th Edition) by David Yaukey, Douglas L. Anderton and Jennifer Hicke Lundquist.
10. Introduction to program evaluation for public health programs: A self-study guide. Atlanta, GA: Centers for Disease Control and Prevention, 2011.
11. Healthcare Strategic Planning by John M. Harris Fourth Edition.
12. Health Care Information Systems: A Practical Approach for Health Care Management, 4th Edition

Crash Courses:

- Outline of each course including suggested reading references given by the provider.

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 K1 QUESTIONS

Question 1

Which of the following is an essential element in designing a randomized controlled trial?

- A. Selecting a representative random sample of participants from health care facilities
- B. Measuring both the independent and dependent variables simultaneously
- C. Manipulating the independent variable
- D. Blinding

EXAMPLE OF K2 QUESTIONS

Question 1

An epidemic of scabies has occurred in a country since three weeks. The Ministry of Health has urged all the health departments in all regions to initiate a surveillance system to report all diagnosed cases of scabies in hospitals as well as those cases who do not seek medical care. A standardized case report form has been designed for all regions, and regional teams of health care workers have been made. The teams started to make regular weekly visits to primary health care centers and hospitals to solicit case reports. Other teams make household visits searching for further cases.

What type of surveillance has been conducted?

- A. Active surveillance
- B. Passive surveillance
- C. Sentinel surveillance
- D. Syndromic surveillance