



## SAUDI BOARD RESIDENCY TRAINING PROGRAM

### FORENSIC MEDICINE

#### 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). Up to 10% unscored items can be added for pretesting purposes.
- 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 nontherapeutic, 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:

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.





### **Suggested References:**

1. Knight's Forensic Pathology
2. M. Tsokos .Forensic Pathology Reviews
3. Vincent JM Di Maio and Suzanna E. Dana, Forensic pathology
4. Burkhard Madea, Handbook of Forensic Medicine
5. Spitz, Medicolegal investigation of deaths
6. Forensic pathology of trauma
7. Handbook of Pediatric autopsy pathology, Edited by: Humana Press Arnold
8. Jason Payne James and Roger Byard, Encyclopedia of Forensic and legal medicine
9. Antony Busutil and Jason Payne James .Forensic medicine, clinical and pathological aspect
10. Pathological Basics of Diseases, Robbins and Cotran.
11. Journal of forensic and legal medicine
12. American Journal of forensic medicine and pathology
13. Forensic science international journal.

### **Patient Safety + Professionalism and Ethics References:**

1. 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.
2. Essentials of Patient Safety, SCHS, Latest 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.





## Blueprint Outlines:

### R1:

No.	Section	Proportion%
1	Anatomy of Head and Neck	15%
2	Anatomy of upper and lower limbs	5%
3	Anatomy of Thorax and Abdomen	5%
4	Introduction of pathology and Practical aspects of anatomical pathology	15%
5	Pathology: Cell injury	15%
6	Pathology: Inflammation	15%
7	Pathology: Healing and repair	10%
8	Pathology: Hemodynamics	10%
9	Pathology: Infectious disease	5%
10	Pathology: Neoplasia	5%
<b>Total</b>		<b>100%</b>

### R2:

No.	Section	Proportion%
1	Forensic Medicine; Pathophysiology of death	10%
2	Forensic autopsy	10%
3	Forensic Medicine; Pathology of wounds	10%
4	Practical anatomical pathology, Special technique and immunostaining	15%
5	Pathology of cardiovascular system	20%
6	Pathology of Respiratory system	10%
7	Pathology of central nervous system	15%
8	Pathology of gastrointestinal system	5%
9	Pathology of liver, spleen, kidneys, blood and skin	5%
<b>Total</b>		<b>100%</b>





**R3:**

No.	Section	Proportion%
1	Identification of living	5%
2	Transportation injuries	7%
3	Hyper and hypothermia, Burn and scald, Electrical fatalities	10%
4	Neglect and starvation	5%
5	Death with pregnancy, Sudden death in infancy and Infanticide and stillbirth	10%
6	Child abuse	8%
7	Sexual & Physical Abuse	20%
8	Pathology of wound	17%
9	Forensic odontology	8%
10	Permanent infirmity	5%
11	Statistical analysis and basis of scientific research, Medical Malpractice, Medical ethics	5%
<b>Total</b>		<b>100%</b>

**Notes:**

- 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 are incorporated within various domains.
- All sections incorporate applied Basic Science assessment which includes but not limited to Physiology, Pharmacology, Anatomy, Physics, and Equipment.
- Results will be published within 14 business days following the last date of your examination.

