

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).
- 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. R1	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
Total		100%

Note:

- Blueprint distributions 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.

No. R2	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
Total		100%

Note:

- Blueprint distributions 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.



No. R3	Section	Proportion%
1	Forensic radiology	12
2	Identification of living	5
3	Transportation injuries	5
4	Hyper and hypothermia, Burn and scald, Electrical fatalities	10
5	Neglect and starvation	5
6	Death with pregnancy, Sudden death in infancy and Infanticide and stillbirth	10
7	Child abuse	6
8	Sexual & Physical Abuse	17
9	Pathology of wound	15
10	Forensic odontology	5
11	Permanent infirmity	5
12	Statistical analysis and basis of scientific research, Medical Malpractice, Medical ethics	5
Total		100%

Note:

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- Percentages and content are subject to change at any time. See the SCFHS website for the most up-to-date information.



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.

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 valve of the following involves the most common valvular heart abnormalities associated with sudden death?

- A. Aortic
- B. Mitral
- C. Tricuspid
- D. Pulmonary

EXAMPLE OF K2 QUESTIONS

Question 2

A 45-year-old woman died in an accidental fire (see report).

Autopsy:

Edema and swelling of the airways and obstruction at the level of the laryngeal inlet.

Which of the following is the most common cause of this finding?

- A. Inhalation of dry air in temperatures exceeding 150 Celcius
- B. Inhalation of superheated air as a result of exposure to steam
- C. Inhalation of smoke containing high levels of Hydrogen cyanide
- D. Inhalation of smoke containing high levels of hydrogen chlorine gas