

# LOG BOOK



## Department of Forensic Medicine & Toxicology Rawalpindi Medical University Rawalpindi

This book encompasses DMJ 2 years program of Rawalpindi Medical University.

## **LOG BOOK**

The trainees must maintain a log book and get it signed regularly by the supervisor. A complete and duly certified log book should be part of the requirement to sit for M.Phil examination. Log book should include adequate number of diagnostic and therapeutic procedures, routine emergency management of patients, case presentation of medico-legal, trauma, poisoning and sexual assault in CPCs, journal club meetings and literature review.

### **PROCEDURES:**

1. Techniques of autopsy incisions.
2. Techniques of neck dissection layer by layer.
3. Opening of body cavities.
4. Demonstration/ examination of coronary arteries by stepwise dissection of heart and check their patency.
5. Demonstration of pneumothorax, fat embolism and pulmonary embolism at autopsy table.
6. Differentiate between blackening and tattooing of the fire arm case at autopsy table.
7. Differentiate between bruise and postmortem clot at autopsy table.
8. Techniques of using stomach wash tube in case of poisoning.
9. Collection, sampling, sealing and dispatch of appropriate material in case of poisoning, rape/zina, sodomy etc. to the chemical examiner to the Govt. of Punjab Lahore.
10. Collection, sampling, sealing and dispatch of appropriate material / viscera in case of suspected disease to the Bacteriologist Govt. of Punjab Lahore.

# Rawalpindi Medical University

## Department of Forensic Medicine & Toxicology

### SECTION-I

**1. PARTICULARS RELATED TO THE CANDIDATE:**

Name: .....

Father's/ Husband's Name: .....

Date of Birth: .....

N.I.C Number: .....

Nationality: .....

RMU Registration Number: .....

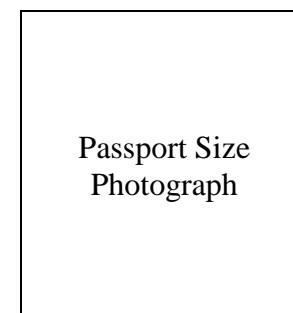
Year of Graduation: .....

Institution of Graduation: .....

PMDC Registration Number: .....

Any Other Qualification: .....

Previous Experience (Department, Institution & Duration):



| DESIGNATION     | EXPERIENCE DATE (FROM-TO) |
|-----------------|---------------------------|
| House Job       |                           |
| MO/Demonstrator |                           |
| Others          |                           |
|                 |                           |
|                 |                           |

**2. OBJECTIVES OF THE LOG BOOK:**

1. This Log Book will be a part of the prerequisite for appearing in the Diploma Examination in Forensic Medicine.
2. It will help the trainee to maintain his/her record regarding various academic achievements.

3. It will also identify his/her deficiencies in specific areas of Forensic Medicine.
4. It will help the project director to assess the trainee.

### **3. INSTRUCTIONS TO THE STUDENTS:**

1. The candidate will maintain the Log Book during the whole period of his training.
2. He/she will fill the columns of the Log Book on the same day of the activity.
3. All the entries must be signed by the teacher.
4. Consolidated sheets will be completed and signed by the teacher.
5. The candidate shall bring the Log Book in the final examination.
6. Log Book not signed by the teacher/supervisor/incharge will make the student ineligible for the examination.

### **4. AIMS AND OBJECTIVES OF THE TRAINING PROGRAM:**

1. The student accepts subject of Forensic Medicine in its full sense as a life long activity and that he/she is prepared to invest time and effort to acquire, maintain and further improve his/her own knowledge and skill.
2. A critical appreciation of techniques, procedures is carried out in the subject of Forensic Medicine and an understanding of scientific methods is acquired for reliability and validity of observations and the testing of hypothesis.
3. The ability and willingness to adopt a problem solving approach to manage medico-legal issues.
4. The ability to plan and interpret a management program with due regard to the patient's comfort and economic factors related with compensation and justice.
5. Awareness of the role of Medical Jurist in health/rehabilitation/welfare teams and his/her willingness to work cooperatively within such teams.
6. Awareness of the fact that he/she has to create his/her own professional impact as a capable specialist.
7. To pursue and develop the basic scientific pursuits and guidelines for scientific discoveries to strengthen knowledge further about medico-legal issues.
8. The candidate should recognize the importance of team work and function as effective member/leader of the team.



















## Forensic Biological Laboratory

| Sr. No. | Date | Practical                             |  | Signature of Teacher |
|---------|------|---------------------------------------|--|----------------------|
|         |      | Physical examination of blood         | Naked eye examination, Examination by hand lens.                 |                      |
|         |      | Physiochemical examination of blood   | Spectroscopic examination  |                      |
|         |      | Chemical examination of blood         | Preliminary chemical test, i.e., Benzidine & Phenolphthalein     |                      |
|         |      | Chemical examination of blood         | Confirmatory chemical tests, i.e., Takayama's & Teichmann's test |                      |
|         |      | Species specific examination of blood | Precipitin test<br>Microscopic examination of blood              |                      |
|         |      | Blood grouping                        | Forwarded & Reverse grouping                                     |                      |

**Signature of Supervisor**

### **CPC/SEMINARS/JOURNAL CLUB/PRESENTATION ATTENDED**

| <b>S/N</b> | <b>Date</b> | <b>Topic</b> | <b>Teacher's Signature</b> |
|------------|-------------|--------------|----------------------------|
| 1.         |             |              |                            |
| 2.         |             |              |                            |
| 3.         |             |              |                            |
| 4.         |             |              |                            |
| 5.         |             |              |                            |
| 6.         |             |              |                            |
| 7.         |             |              |                            |
| 8.         |             |              |                            |
| 9.         |             |              |                            |
| 10.        |             |              |                            |

**Signature of Supervisor**

**INDIVIDUAL STUDENT PRESENTATIONS (JOURNAL CLUB)**

| <b>S/N</b> | <b>Date</b> | <b>Topic</b> | <b>Teacher's Signature</b> |
|------------|-------------|--------------|----------------------------|
| 1.         |             |              |                            |
| 2.         |             |              |                            |
| 3.         |             |              |                            |
| 4.         |             |              |                            |
| 5.         |             |              |                            |
| 6.         |             |              |                            |
| 7.         |             |              |                            |
| 8.         |             |              |                            |
| 9.         |             |              |                            |
| 10.        |             |              |                            |

**Signature of Supervisor**

**TEST EVALUATION RECORD OF STUDENT**

| <b>S/N</b> | <b>Date</b> | <b>Method of Evaluation<br/>(Oral, Practical, Theory)</b> | <b>Rating</b> | <b>Teacher's Signature</b> |
|------------|-------------|---|---------------|----------------------------|
| 1.         |             |   |               |                            |
| 2.         |             |   |               |                            |
| 3.         |             |   |               |                            |
| 4.         |             |   |               |                            |
| 5.         |             |   |               |                            |
| 6.         |             |   |               |                            |
| 7.         |             |   |               |                            |
| 8.         |             |   |               |                            |
| 9.         |             |   |               |                            |
| 10.        |             |   |               |                            |

**Remarks of Supervisor**



# Rawalpindi Medical University

## Department of Forensic Medicine & Toxicology



### RECORD OF COMPULSORY TRAINING COMPONENTS OF DMJ PART-II

| S/N | Training   | Compulsory Period | Attended From - To | Center | Signature of Trainer |
|-----|--|-------------------|--------------------|--------|----------------------|
| 01. | Research Methodology, Biostatistics & Medical writing. | One week          |                    |        |                      |
| 02. | DNA Finger Printing.                                   | One Week          |                    |        |                      |
| 03. | Histopathology   | Four Weeks        |                    |        |                      |
| 04. | Blood Serology   | Four Weeks        |                    |        |                      |
| 05. | Autopsy Conduction*                                    | Twelve Weeks      |                    |        |                      |
| 06. | Medico-legal Examination*                              | Twelve Weeks      |                    |        |                      |
| 07. | Analytical / Clinical Toxicology                       | Two Weeks         |                    |        |                      |
| 08. | Ballistics / Punjab Forensic Science lab               | One Week          |                    |        |                      |

\* No. 5 & 6 may start simultaneously.  
Cases observed since admission may be counted.  
(50 autopsies & 100 medico-legal cases)

\_\_\_\_\_  
Signature of Supervisor

# Rawalpindi Medical University

## Department of Forensic Medicine & Toxicology



### SUPERVISOR CERTIFICATE

It is certified that Dr. \_\_\_\_\_ son/daughter/of \_\_\_\_\_ student M. Phil has completed theoretical, practical and all scheduled availing training programmes.

He/she has attended all required Journal Club/Seminars has presented \_\_\_\_\_ topics in journal club, and has completed all assignments allocated to his/her account. He appeared in \_\_\_\_\_ tests, out of \_\_\_\_\_ his/her tests score is graded as \_\_\_\_\_.

**Name of the Supervisor**

**DR. ROMANA MALIK**

(Associate Professor & HOD)

**Signature**