

Log Book

Preamble

Log books are an essential tool for medical students, serving as a record of their learning, skill development, and clinical experience. For 3rd-year MBBS students, log books provide a structured approach to documenting various practical procedures, patient interactions, and the application of theoretical knowledge in real-world settings. This phase of the MBBS curriculum is crucial, as student's transition from basic sciences to hands-on clinical skills, learning to manage and observe patients under supervision.

The purpose of the log book is multifaceted. It helps students track their progress, reflect on their clinical experiences, and ensure competency in essential skills. It also serves as an assessment tool, where faculty can review entries to evaluate student engagement, comprehension, and skills development. In each entry, students are encouraged to note the cases they encounter, procedures performed or observed, diagnostic decisions, and their personal reflections on patient care.

Components of Log Book:

A log book for 3rd-year MBBS students typically consists of several structured sections to help systematically document clinical experiences and skills development. Here are the main parts commonly included:

1. Personal Details and Goals:

- Student information (name, roll number, contact details)
- Brief personal objectives for the year or rotation

2. Attendance Record:

- Log of attendance for each clinical posting or rotation
- Signed by supervising faculty to verify presence

3. Clinical Skills and Procedures:

- List of core skills or procedures required in the curriculum (e.g., venipuncture, IV insertion, suturing)
- Space to document each attempt with dates and supervisor signatures
- Notes on student competency and proficiency levels

4. Case Records:

- Detailed summaries of clinical cases seen during rotations, including:
 - Patient demographics
 - Presenting symptoms, diagnosis, and treatment plan

- Observations, challenges faced, and outcomes
- Reflections on learning points or key takeaways

5. **Patient Management:**

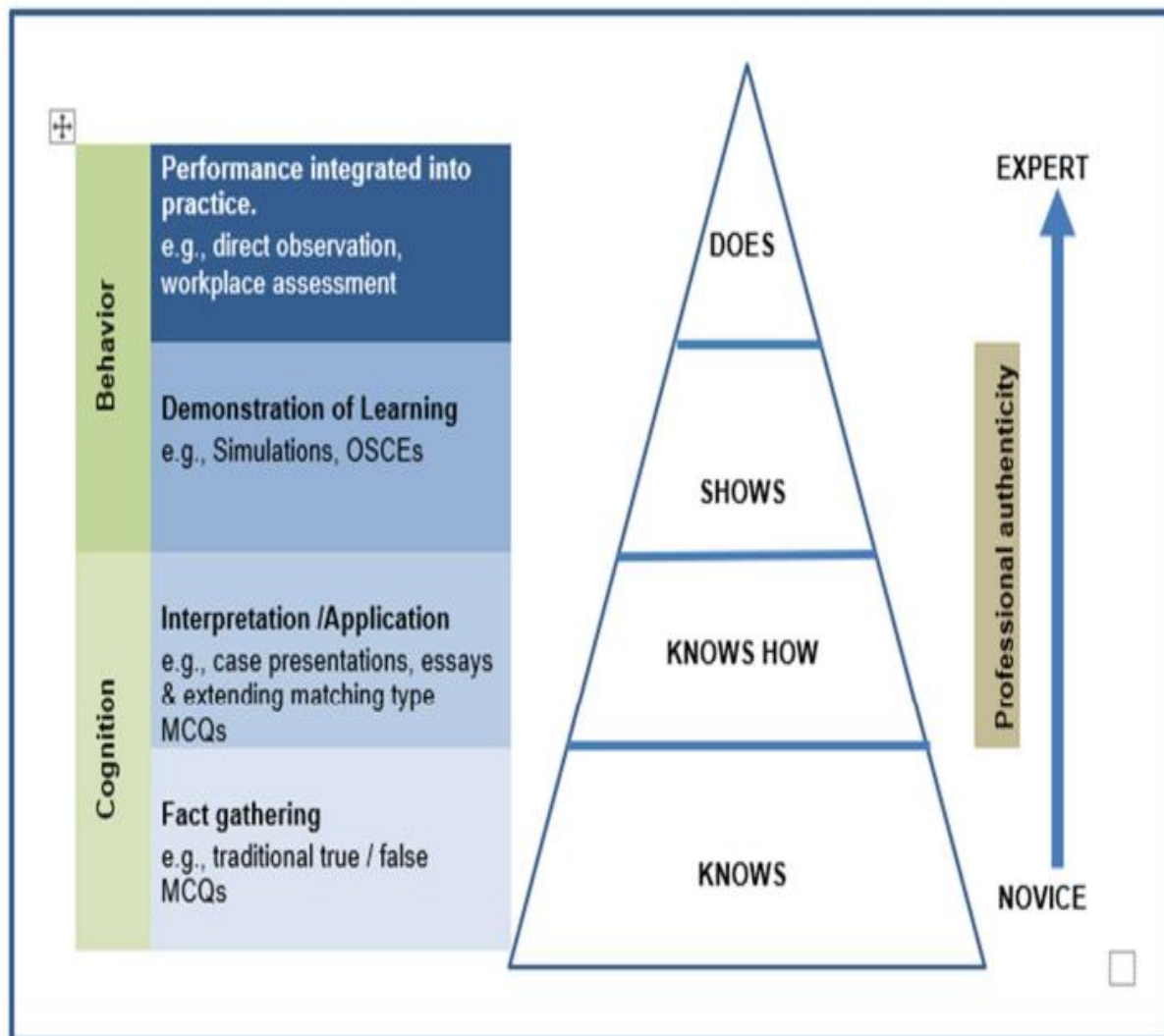
- Documentation of patient management plans developed under supervision
- Records of patient follow-ups, modifications to treatment, and outcomes
- Insights gained in clinical decision-making and patient interaction

General Tips for Completing the Log Books:

- **Consistency:** Regularly update each section during or immediately after patient rounds or procedures.
- **Detail and Clarity:** Document all cases and procedures in clear, concise language, focusing on learning outcomes.
- **Reflection:** Use the reflection sections to internalize key concepts, identify areas for improvement, and reinforce learning.
- **Facilitators Feedback:** Actively seek feedback from facilitators to ensure all competencies are achieved, and use their advice to guide your learning.

MILLER'S PYRAMID

The basis to assess clinical skills is the Miller's pyramid. Different skills throughout the CFR-C module scale from Knows How (e.g., Interpretation of CXR) to does (administer IM injections etc.).





Forensic Medicine Log Book

1. Personal Details and Goals:

- Fill out personal details and set objectives, such as "Understand medico-legal documentation" or "Gain insight into forensic analysis of injuries."

2. Attendance Record:

- Record attendance for each forensic posting, signed by the supervising forensic pathologist.

3. Medico-Legal Documentation:

- Document cases involving medico-legal documentation, such as injury reports, age determination, and toxicology reports.
- Note observations about procedure and accuracy in documenting evidence.

4. Autopsy Observations:

- Record details of autopsies observed, including:
 - Cause of death, identification of injuries, and estimated time of death.
 - Reflection on forensic findings and their relevance to the case.

5. Forensic Toxicology:

- Note the common poisons studied (e.g., cyanide, organophosphates, alcohol).
- Document observations on toxicological effects, sampling, and testing methods.

6. Injury Analysis:

- Record examples of blunt force injuries, sharp injuries, firearm injuries, and burns.
- Document injury characteristics, estimated timing, and forensic significance.

7. Legal and Ethical Considerations:

- Note discussions on legal responsibilities, consent, and ethical considerations in forensic practice.
- Record reflections on challenges of balancing legal requirements with medical eth

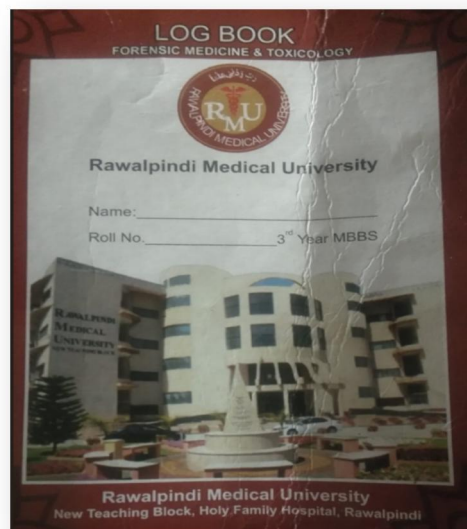


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Block VII

Forensic Medicine & Toxicology
3rd Year MBBS

SGDs\CBL\PRACTICALS

BLOCK -VII

FOUNDATION MODULE - I

Sr.No	Date	SGDs (CBL\Practical)	Topic	LMS quiz marks	Sig
2		Practical	Osteology		
3		Practical	Dactylography		
4		Practical	Odontology		

FOUNDATION MODULE - II

Sr.No	Date	SGDs (CBL\Practical)	Topic	Marks	Sig
1		Practical	Examination of a Blood stain		
2		Practical	Examination of a Seminal		
3		Practical	Examination of Hair & Fibers		

**Learning Objectives of Practicals & SGDs (CBL) of
Foundation Module - I**

Topic of Practical/CBL	Objectives	Skill	Miller's Pyramid Level Reflected
Medicolegal Certificates	<ul style="list-style-type: none"> • Briefly describe Importance of Medicolegal Certificates. • Enlist various types of medicolegal certificates. 	<ul style="list-style-type: none"> • The student will be able to • Enlist various types of medicolegal certificates. • Fill different types of Medicolegal Certificates 	Knows how
Osteology	<ul style="list-style-type: none"> • Describe the distinguishing features of male and female skull • Knowledge of estimation of stature, Race, Age and anatomical details of skull with special reference of MLC/Autopsy • Describe the distinguishing features of male and female pelvis 	<p>The student will be able to</p> <ul style="list-style-type: none"> • Identify and distinguish male and female skull and can enumerate distinguishing features of skull of different races • Relate anatomical details of skull with reference to personal identity. • Distinguish male and female pelvis. • Relate anatomical details of pelvis with reference to personal identity. 	Knows how
Dactylography	<ul style="list-style-type: none"> • Briefly describe Poroscopy, Cheiloscopy, • Dactylography and Anthropometry. • Enlist various types of finger prints • State medico legal importance of Dactylography Hasse's Rule, • Trace evidence and Locard's Principle of exchange. 	<p>The student will be able to</p> <ul style="list-style-type: none"> • Identify and enlist various types of finger prints 	Knows how
Odontology	<ul style="list-style-type: none"> • Define forensic odontology and determine the age of a person w.r.t teeth. • Briefly explain the importance of Gustafson's and Boyd's method. • Differentiate between temporary and permanent teeth • State the medico-legal importance of teeth. 	<p>The student will be able to</p> <ul style="list-style-type: none"> • Identify the medicolegal importance of teeth. • Differentiate between temporary and permanent teeth 	Knows how

CHECKLIST FOR EXAMINATION OF BONES

Place a “✓” in relevant boxes of yes and no

Satisfactory: Performs the step or task according to the standard procedure or guidelines

Unsatisfactory: Unable to perform the step or task according to the standard procedure or guidelines

(Some of the following steps/tasks should be performed simultaneously)	CASES	
GETTING READY:	Yes	No
1. Identification of Bone Sample		
2. Washed/Sanitized Hands		
3. Preparation: Gloves and Safety Equipment		
4. Select Equipment (e.g., osteometer to measure bone length if available, Inches tape)		
SKILL/ACTIVITY DESCRIBED SATISFACTORILY		
THE PROCEDURE:	Yes	No
7. Visual Inspection of Bone (e.g., color, condition, fractures)		
8. Record Measurements (e.g., length, width, thickness)		
9. Examine Bone Surface (e.g., for trauma, pathological signs)		
10. Determine Bone Type (e.g., long, short, flat, irregular)		
11. Identify Bone Fractures or Deformations		
12. Age Estimation (based on skeletal features)		
13. Sex Estimation (based on pelvis, skull, etc.)		
14. Determine Stature (using long bones)		
15. Document Findings		
SKILL/ACTIVITY PERFORMED SATISFACTORILY		
Signatures of Facilitator:		
Date:		

CHECKLIST FOR EXAMINATION OF TEETH

Place a “✓” in relevant boxes of yes and no

Satisfactory: Performs the step or task according to the standard procedure or guidelines

Unsatisfactory: Unable to perform the step or task according to the standard procedure or guidelines

(Some of the following steps/tasks should be performed simultaneously)	CASES	
GETTING READY:	Yes	No
1. Identification of Dental Sample (e.g., bite marks, dental records in the form of x-rays)		
2. Washed/Sanitized Hands		
3. Preparation: Gloves and Safety Equipment		
4. Select Equipment (e.g., dental mirror, calipers, dental cast, photograph and x-rays Mandible bone with teeth)		
SKILL/ACTIVITY DESCRIBED SATISFACTORILY		
THE PROCEDURE:	Yes	No
7. Examine Dental Records (e.g., x-rays, dental charts) for Comparison		
8. Analysis of Tooth Characteristics (e.g., alignment, restorations, anomalies)		
9. Estimation of Age (based on dental development e.g Gustafson’s criteria)		
10. Sex Estimation (based on dental features)		
11. Document Findings and Conclusions		
SKILL/ACTIVITY PERFORMED SATISFACTORILY		
Signatures of Facilitator:		
Date:		

CHECKLIST FOR EXAMINATION OF FINGERPRINTS

Place a “✓” in relevant boxes of yes and no

Satisfactory: Performs the step or task according to the standard procedure or guidelines

Unsatisfactory: Unable to perform the step or task according to the standard procedure or guidelines

(Some of the following steps/tasks should be performed simultaneously)	CASES	
GETTING READY:	Yes	No
1. Identification of Fingerprint Sample		
2. Washed/Sanitized Hands		
3. Preparation: Gloves and Safety Equipment		
4. Select Equipment (e.g., blue ink pad, magnifying glass, fingerprint powder, lifting tape, collection forms, and reference cards)		
5. Explain Procedure (if applicable)		
SKILL/ACTIVITY DESCRIBED SATISFACTORILY		
THE PROCEDURE:	Yes	No
6. Stain finger tips blue with ink pad and take finger prints on piece of glass or paper.		
7. Visual Inspection of Fingerprint Sample on Glass or piece of paper (e.g., quality, clarity)		
8. Lift Fingerprint Using Tape or Other Methods (e.g., gel lifters)		
9. Document and Label the Sample Properly		
10. Analyze Fingerprint Pattern (e.g., loops, whorls, arches)		
11. Document Findings and Conclusion		
SKILL/ACTIVITY PERFORMED SATISFACTORILY		
Signatures of Facilitator:		
Date:		

**Learning Objectives of Practicals & SGDs (CBL) of
Foundation Module - II**

Topic of Practical	Objectives	Skill	Miller's Pyramid Level Reflected
Examination of a Blood stain	<ul style="list-style-type: none"> • State the medicolegal importance of Biological specimens(Blood) • Briefly describe the method to Collect, preserve and dispatch various human body specimens 	<ul style="list-style-type: none"> • Identify the Medicolegal importance of Biological specimens (Blood) • Demonstrate the method of collection, preservation and dispatch of specimens 	Knows how
Examination of a Seminal	<ul style="list-style-type: none"> • State the medicolegal importance of Biological specimens(Seminal stain) • Briefly describe the method to Collect, preserve and dispatch various human body specimens 	The student will be able to: <ul style="list-style-type: none"> • Identify the medicolegal importance of Biological specimens (Semen). • Demonstrate the method of collection, preservation and dispatch of specimens 	Knows how
Examination of Hair & Fibers	<ul style="list-style-type: none"> • Differentiate between human & animal Hair and Hair & Fiber • State the medicolegal importance of hair in identification. • State the importance of hair as trace evidence 	<ul style="list-style-type: none"> • Differentiate between human & animal Hair and Hair & Fiber 	Knows how

CHECKLIST FOR EXAMINATION OF BLOOD STAIN

Place a “✓” in relevant boxes of yes and no

Satisfactory: Performs the step or task according to the standard procedure or guidelines

Unsatisfactory: Unable to perform the step or task according to the standard procedure or guidelines

(Some of the following steps/tasks should be performed simultaneously)	CASES	
GETTING READY:	Yes	No
1. Identification of Blood Stain Sample		
2. Washed/Sanitized Hands		
3. Preparation: Gloves		
4. Select Equipment (e.g., magnifying glass, swabs, collection tubes, and testing reagents)		
5. Check for Equipment Sterility		
6. Explain Procedure to Patient (if applicable)		
SKILL/ACTIVITY DESCRIBED SATISFACTORILY		
THE PROCEDURE:	Yes	No
1. Visual Inspection of Blood Stain		
2. Document the Location and Size of Blood Stain		
3. Preliminary Testing (e.g., Luminol or Kastle-Meyer test)		
4. Confirm Blood Presence (Microscopic examination for red blood cells)		
5. Examine Blood Stain Pattern (e.g., shape, size, direction)		
6. Documentation of Findings		
7. Wash hands thoroughly after handling the sample and cleaning up.		
SKILL/ACTIVITY PERFORMED SATISFACTORILY		
Signatures of Facilitator:		
Date:		

CHECKLIST FOR EXAMINATION OF HAIR / FIBER

Place a “✓” in relevant boxes of yes and no

Satisfactory: Performs the step or task according to the standard procedure or guidelines

Unsatisfactory: Unable to perform the step or task according to the standard procedure or guidelines

(Some of the following steps/tasks should be performed simultaneously)	CASES	
GETTING READY:	Yes	No
1. Identification of Sample		
2. Washed/Sanitized Hands		
3. Select Equipment for Hair/Fiber slide preparation: sample, Plain slide, cover slip,microscope		
4. Check for Equipment Sterility		
SKILL/ACTIVITY DESCRIBED SATISFACTORILY		
THE PROCEDURE:	Yes	No
5. Take hair or fiber and put it over a slide and cover it with a cover slip.		
6. Confirm it is a hair or fiber		
7. Confirm it as a human hair or animal hair		
8. Site of origin of hair		
9. Stains on hair		
10. Singed hair		
11. Confirm it is a hair or fiber		
12. Documentation of Findings		
13. Wash hands thoroughly after handling the sample and cleaning up.		
SKILL/ACTIVITY PERFORMED SATISFACTORILY		
Signatures of Facilitator:		
Date:		

CHECKLIST FOR EXAMINATION OF SEMINAL STAIN

Place a “✓” in relevant boxes of yes and no Satisfactory: Performs the step or task according to the standard procedure or guidelines Unsatisfactory: Unable to perform the step or task according to the standard procedure or guidelines		
(Some of the following steps/tasks should be performed simultaneously)	CASES	
GETTING READY:	Yes	No
1. Identification of Seminal Stain Sample		
2. Washed/Sanitized Hands		
3. Preparation: Gloves		
4. Select Equipment (e.g., magnifying glass, swabs, collection tubes, and testing reagents)		
5. Check for Equipment Sterility		
SKILL/ACTIVITY DESCRIBED SATISFACTORILY		
THE PROCEDURE:	Yes	No
6. Naked eye Examination: Examine the sample first with the naked eye (magnifying glass may be used) for color, consistency, and texture.		
7. Microscopic examination: Prepare Slide,of seminal stain or use a already prepared slide of seminal satin and watch it under the microscope		
8. Identify sperm cells, noting their characteristic features (head, midpiece, and tail).		
9. Demonstrate how to perform Acid Phosphatase test to confirm the presence of seminal fluid.		
10. Documentation of Findings		
11. Wash hands thoroughly after handling the sample and cleaning up.		
SKILL/ACTIVITY PERFORMED SATISFACTORILY		
Signatures of Facilitator:		
Date:		

Block VIII

SGDs\CBL\PRACTICALS

BLOCK -II

GIT & HEPATOBILIARY -MODULE

Sr.No	Date	SGDs (CBL\Practical)	Topic	Marks	Sig
1		Practical	General Management of poisoning		
2		Practical	Collection, preservation & dispatch of viscera & material after autopsy		
3		Practical Autopsy visit	Autopsy room requirements & hazards of autopsy		

MICROBE AND ANTI MICROBE -MODULE

1.		Autopsy Visit	Postmortem examination report writing of a case of poisoning		
2.		Practical	Examination of an acid burn victim Corrosives HCl, HNO ₃ , & H ₂ SO ₄		
3.		Autopsy visit	Postmortem examination report writing of a case of physical assault		

Learning Objectives of Practicals & SGDs (CBL) of GIT & Hepatobiliary - Module

Topic	Knowledge	Skill	Miller's Pyramid Level Reflected
1. General Management Of poisoning (Practical)	<ul style="list-style-type: none"> • Enlist the steps of management of a case of poisoning • Briefly describe the role of elimination of unabsorbed poison • Brief description of procedure of gastric lavage along with its indications, contraindications and complication 	Student will be able to <ul style="list-style-type: none"> • Manage a case of poisoning and their clinical & Medicolegal importance. • Demonstrate the procedure of gastric lavage on manikin. • 	Knows how
2. Medicolegal Autopsy (Autopsy instruments, Autopsy incisions, Collection, preservation & dispatch of materials after autopsy) (Practical)	<ul style="list-style-type: none"> • Enumerate different autopsy incisions • Briefly describe the functions and uses of different autopsy instruments. • Briefly describe the method of collection, preservation and dispatch of material for chemical, histopathological examination and toxicological analysis after autopsy. 	Student will be able to: <ul style="list-style-type: none"> • Demonstrate autopsy incision on dummy • Identify autopsy instruments • Enlist the method of collection, preservation and dispatch of material for chemical, histopathological examination and toxicological analysis after autopsy. 	Knows how
3. Autopsy Visit to mortuary (Practical)	<ul style="list-style-type: none"> • Enumerate the contents of Medico-legal & postmortem reports. • Briefly describe different sections of mortuary. • State the requirements of a mortuary. • Classify the hazards of autopsy. 	Student will be able to: <ul style="list-style-type: none"> • Observe autopsy and Medicolegal case management at DHQ, Hospital • Prepare of MLC/autopsy report. 	Knows how

CHECKLIST FOR GENERAL MANAGEMENT OF POISONING

Place a “✓” in relevant boxes of yes and no Satisfactory: Performs the step or task according to the standard procedure or guidelines Unsatisfactory: Unable to perform the step or task according to the standard procedure or guidelines		
(Some of the following steps/tasks should be performed simultaneously)	CASES	
GETTING READY:	Yes	No
1. Identification of the Poison		
2. Assess the patient’s airway, breathing, and circulation (ABC)		
3. Check for signs and symptoms of poisoning		
4. Assess the severity of poisoning (mild, moderate, severe)		
5. Gather required equipment and emergency medications for patient care (IV access, fluids, activated charcoal, antidotes)		
SKILL/ACTIVITY DESCRIBED SATISFACTORILY		
THE PROCEDURE:	Yes	No
6. Initiate decontamination (e.g., induce vomiting, Gastric lavage, activated charcoal, etc.)		
7. Administer antidote (if appropriate and available)		
8. Supportive treatment (IV fluids, oxygen) & monitoring		
9. Collect samples (Blood, urine, vomit & Gastric lavage fluid) and inform police.		
10. Document findings and treatments administered		
11. Wash hands thoroughly after handling the patient or sample		
SKILL/ACTIVITY PERFORMED SATISFACTORILY		
Signatures of Facilitator:		
Date:		

CHECKLIST FOR COLLECTION, PRESERVATION & DISPATCH OF VISCERA & MATERIAL AFTER AUTOPSY

Place a “✓” in relevant boxes of yes and no		
Satisfactory: Performs the step or task according to the standard procedure or guidelines		
Unsatisfactory: Unable to perform the step or task according to the standard procedure or guidelines		
(Some of the following steps/tasks should be performed simultaneously)	CASES	
GETTING READY:	Yes	No
1. Verify the identity of the deceased		
2. Ensure proper personal protective equipment (PPE) is worn		
3. Ensure availability of necessary equipment for collection		
4. Confirm proper identification and labeling of all samples		
5. Prepare containers for viscera and material preservation		
6. Check availability of preservation agents (e.g., formalin, alcohol)		
SKILL/ACTIVITY DESCRIBED SATISFACTORILY		
THE PROCEDURE:	Yes	No
7. Carefully collect viscera (e.g., liver, kidneys, lungs) & Collect other material (e.g., blood, tissue samples)		
8. Place viscera and material into appropriate containers		
9. Preserve the samples by adding the appropriate preservative (e.g., formalin)		
10. Seal the containers properly to avoid contamination		
11. Ensure proper documentation of all materials collected		
12. Store the preserved samples under proper conditions (e.g., cool, dry place)		
13. Prepare and complete dispatch documentation for sending the materials to the laboratory		
14. Send the preserved materials to the forensic laboratory e.g. PFSL		
15. Record the details of dispatch (e.g., date, time, courier)		
16. Wash hands thoroughly after handling the samples		
SKILL/ACTIVITY PERFORMED SATISFACTORILY		
Signatures of Facilitator:		
Date:		

**CHECKLIST FOR MORTUARY VISIT
AUTOPSY ROOM REQUIREMENTS & HAZARDS OF AUTOPSY**

Place a “✓” in relevant boxes of yes and no		
Satisfactory: Performs the step or task according to the standard procedure or guidelines		
Unsatisfactory: Unable to perform the step or task according to the standard procedure or guidelines		
(Some of the following steps/tasks should be performed simultaneously)	CASES	
GETTING READY:	Yes	No
1. Verify the identity of the deceased and relevant details		
2. Ensure personal protective equipment (PPE) is worn (gloves, masks, gowns, eye protection, etc.)		
3. Check for proper autopsy room conditions (clean, sanitized)		
4. Ensure all necessary autopsy equipment and tools are available		
5. Check that the room has proper ventilation		
6. Ensure proper lighting in the autopsy room		
7. Check for availability of necessary documentation (autopsy reports, consent forms, etc.)		
SKILL/ACTIVITY DESCRIBED SATISFACTORILY		
THE PROCEDURE:	Yes	No
8. Ensure the autopsy table is properly disinfected and sterile		
9. Verify that all tools and instruments are sterilized and ready for use		
10. Confirm appropriate waste disposal mechanisms (biohazard bags, sharps containers, etc.)		
11. Assess and manage any potential biohazard risks (blood, bodily fluids)		
12. Ensure availability of emergency equipment (first-aid kits, eyewash stations, etc.)		
13. Check that chemicals and preservatives are correctly labeled and stored		
14. Ensure precautions to prevent blood borne pathogen exposure (HIV, Hepatitis B)		
15. Monitor for possible exposure to radiological hazards (if applicable)		
16. Ensure awareness of potential chemical hazards (formalin, alcohol)		
17. Handle the body with proper dignity and respect		
18. Document the findings of autopsy thoroughly in postmortem report.		
SKILL/ACTIVITY PERFORMED SATISFACTORILY		
Signatures of Facilitator:		
Date:		

**Learning Objectives of Practicals & SGDs (CBL) of
Microbes & Antimicrobes - Module**

Topic	Knowledge	Skill	Miller's Pyramid Level Reflected
Postmortem examination report writing of a case of poisoning	<ul style="list-style-type: none"> • Enlist the physical properties of different poisons. • Briefly explain their mechanism of action in humans. • Briefly describe their clinical features and their management. • Briefly explain the autopsy findings & State the Medicolegal importance of different poisons. 	<p>The student will be able to</p> <ul style="list-style-type: none"> • Identify and state their medicolegal duties as a CMO in dealing a case of poisoning.(Death due to poisoning) • Write a postmortem report in case of homicidal, suicidal & accidental poisoning. 	Knows how
Examination of an acid burn victim	<ul style="list-style-type: none"> • Classify Corrosives and state its mechanism of actions. • Briefly explain the clinical effects of corrosives on human body. • State the fatal dose and management of corrosives burns. • Define Vitreolage • Briefly describe the medicolegal importance of throwing of corrosives and their autopsy findings. 	<ul style="list-style-type: none"> • The student will be able to manage case of a CORROSIVES burns • State the medicolegal importance of vitriolage (Throwing of an acid with malice) 	Knows how
Postmortem examination report writing of a case of physical assault	<ul style="list-style-type: none"> • Enumerate the contents of Medico-legal/postmortem reports. • State the protocols of postmortem in case of death due to physical assault.. • Classify the pattern of injuries in MLC case. 	<p>The student will be able to</p> <ul style="list-style-type: none"> • Prepare postmortem report after identifying and assessing the nature, degree and type of mechanical injuries according to Qisas and Diyat. • Mention his/her obligations towards cases of death due mechanical injuries. 	Knows how

CHECKLIST FOR POSTMORTEM EXAMINATION & REPORT WRITING OF A CASE OF POISONING

Place a “✓” in relevant boxes of yes and no Satisfactory: Performs the step or task according to the standard procedure or guidelines Unsatisfactory: Unable to perform the step or task according to the standard procedure or guidelines		
(Some of the following steps/tasks should be performed simultaneously)	CASES	
GETTING READY:	Yes	No
1. Preparation of the autopsy room (cleanliness, sterilization, and necessary tools)		
2. Ensure proper identification of the deceased (name, age, gender, etc.)		
3. Confirmation of case details (name of case, suspected poisoning type, etc.)		
4. Collection of personal and medical history of the deceased (if available)		
5. Proper disposal of hazardous materials (personal protective equipment, etc.)		
SKILL/ACTIVITY DESCRIBED SATISFACTORILY		
THE PROCEDURE:	Yes	No
1. Description of external examination (general appearance, rigor mortis, livor mortis, etc.)		
2. Record of any chemical substances found on the body (odor, powder, or liquids)		
3. Documentation of any signs of injury or trauma (e.g., scratches, bruises)		
4. Systematic internal examination of the body (organs, tissues, etc.)		
5. Examination of the gastrointestinal tract (for foreign substances or toxins)		
6. Observe and note down any unusual discoloration of tissues (e.g., liver or kidney)		
7. Collection of postmortem samples (blood, urine, and organ samples) for toxicological testing		
8. Observe and note down any postmortem signs of poisoning (e.g., frothing at mouth, stains)		
9. Conclusion on cause of death (poisoning, manner, and type of poisoning)		
10. Document the findings of autopsy thoroughly in postmortem report.		
SKILL/ACTIVITY PERFORMED SATISFACTORILY		
Signatures of Facilitator:		
Date:		

CHECKLIST FOR EXAMINATION OF AN ACID BURN VICTIM

Place a “✓” in relevant boxes of yes and no Satisfactory: Performs the step or task according to the standard procedure or guidelines Unsatisfactory: Unable to perform the step or task according to the standard procedure or guidelines		
(Some of the following steps/tasks should be performed simultaneously)	CASES	
GETTING READY:	Yes	No
1. Preparation of the examination area (cleanliness, proper lighting, and necessary tools)		
2. Ensure proper identification of the victim (name, age, gender, etc.)		
3. Confirmation of case details (nature of acid burn, suspected cause, and location of injury)		
4. Ensure availability of medical history, including pre-existing conditions, if available		
5. Proper disposal of hazardous materials (acid containers, gloves, etc.)		
SKILL/ACTIVITY DESCRIBED SATISFACTORILY		
THE PROCEDURE:	Yes	No
6. Providing appropriate first aid and pain management		
7. Observe the external appearance (skin condition, extent of burn, etc.)		
8. Identification of burn pattern (e.g., splash marks, linear burns, etc.)		
9. Assessment of the degree and depth of the burn (superficial, partial-thickness, or full-thickness)		
10. Evaluation of pain and discomfort reported by the victim		
11. Collection of samples (e.g., clothing, acid residue) for analysis		
12. Compilation of a detailed report with all findings (history, examination, and treatment)		
13. Document the findings with Conclusion on the severity of the acid burns (According to Qisas & Diyat and degree of burn)		
SKILL/ACTIVITY PERFORMED SATISFACTORILY		
Signatures of Facilitator:		
Date:		

CHECKLIST FOR POSTMORTEM EXAMINATION & REPORT WRITING OF A CASE OF PHYSICAL ASSAULT

Place a “✓” in relevant boxes of yes and no Satisfactory: Performs the step or task according to the standard procedure or guidelines Unsatisfactory: Unable to perform the step or task according to the standard procedure or guidelines		
(Some of the following steps/tasks should be performed simultaneously)	CASES	
GETTING READY:	Yes	No
1. Preparation of the autopsy room (cleanliness, sterilization, necessary tools)		
2. Ensure proper identification of the deceased (name, age, gender, etc.)		
3. Confirmation of case details (name of case, suspected cause of death, etc.)		
4. Collection of personal and medical history of the deceased (if available)		
5. Proper disposal of hazardous materials (personal protective equipment, etc.)		
SKILL/ACTIVITY DESCRIBED SATISFACTORILY		
THE PROCEDURE:	Yes	No
6. Proper handling and documentation of injuries (e.g., measurements, photographs)		
7. External examination (general appearance, rigor mortis, livor mortis, etc.)		
8. Observe any visible signs of injury (e.g., bruises, fractures, cuts)		
9. Identification of the pattern of injuries (e.g., blunt force trauma, sharp force trauma)		
10. Examination of defensive wounds (e.g., on arms, hands)		
11. Systematic internal examination of the body (organs, tissues, etc.)		
12. Examination for any internal bleeding or injuries (e.g., hemorrhage, contusions)		
13. Recording of any injuries to vital organs (heart, lungs, brain, etc.)		
14. Collection of samples (blood, urine, stomach contents) for toxicological analysis		
15. Interpretation of injuries (blunt force trauma, sharp force trauma, etc.)		
16. Document the findings with Conclusion on the cause of death (physical assault, manner of death)		
SKILL/ACTIVITY PERFORMED SATISFACTORILY		
Signatures of Facilitator:		
Date:		

Block IX

SGDs\CBL\PRACTICALS

BLOCK -III

HEMATOLOGY - MODULE

Sr.No	Date	SGDs (CBL\Practical)	Topic	Marks	Sig
1.		Practical	Examination of RTA Victim		
2.		Autopsy visit	MLC writing of an injured person and MLC writing for age certification		
3.		Practical	Examination of Firearm and blast victim,		

CVS & RESPIRATION - MODULE

Sr.No	Date	SGDs (CBL\Practical)	Topic	Marks	Sig
1.		Autopsy visit	MLC writing of a sexual assault survivor		

**Learning Objectives of Practicals & SGDs (CBL) of
Hematology - Module**

Topic	Knowledge	Skill	Miller's Pyramid Level Reflected
Examination of RTA Victim (Practical)	<ul style="list-style-type: none"> • Differentiate among the various possible etiologies of Regional Injuries, and Special trauma during road traffic accidents. • Classify Transport and pedestrian injuries 	<p>Students will be able to</p> <ul style="list-style-type: none"> • Recognize and Identify different regional Injuries during road traffic accidents(RTA), • Identify pattern of different Transport and pedestrian injuries 	Knows how
3. Medicolegal examination & certificate writing of an injured person (Practical)	<ul style="list-style-type: none"> • Classify the pattern of injuries in medico legal cases • Define fracture. • Briefly explain the mechanical forces with reference to fracture of bones. • Describe the medicolegal importance of fractures. • Classification of a fracture 	<p>Students will be able to</p> <ul style="list-style-type: none"> • Prepare MLC report and MLC of an injured person by <ul style="list-style-type: none"> • Observing different types of fractures and injuries • Diagnose of a fracture. 	Knows how
Examination of Firearm victim, (Models of Firearm and blast injuries) (Practical)	<ul style="list-style-type: none"> • Identify different types of firearm weapons and their parts including cartridge and bullet. • Identify and differentiate between entry and exit wounds of firearm injury. • Identify different characteristics of firearm injuries both in living and dead. 	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Identify firearm injuries and calculate range of shot made by smooth bored and rifled firearm with the help of firearm models • Identify the direction of firearm by recognizing the shape of firearm wound 	Knows how

CHECKLIST FOR EXAMINATION OF ROAD TRAFFIC ACCIDENT VICTIM

Place a “✓” in relevant boxes of yes and no Satisfactory: Performs the step or task according to the standard procedure or guidelines Unsatisfactory: Unable to perform the step or task according to the standard procedure or guidelines		
(Some of the following steps/tasks should be performed simultaneously)	CASES	
GETTING READY:	Yes	No
1. Preparation of the examination area (cleanliness, proper lighting, and necessary tools)		
2. Ensure proper identification of the victim (name, age, gender, etc.)		
3. Confirmation of case details (time, location of accident, suspected cause of death/injury)		
4. Collection of personal and medical history of the victim (if available)		
5. Proper disposal of hazardous materials (debris, broken glass, etc.)		
SKILL/ACTIVITY DESCRIBED SATISFACTORILY		
THE PROCEDURE:	Yes	No
6. Proper documentation of injuries (e.g., measurements, photographs)		
7. Description of the victim's external appearance (general condition, posture, clothing, etc.)		
8. Documentation of visible external injuries (e.g., bruises, lacerations, fractures, abrasions)		
9. Examination for signs of head injury (e.g., contusions, skull fractures, signs of bleeding)		
10. Recording of any signs of blunt force trauma (e.g., crushed limbs, degloving injuries)		
11. Documentation of any facial injuries (e.g., fractures, abrasions, eye injuries)		
12. Imaging for any internal bleeding (e.g., hematomas, hemorrhages) or injuries to vital organs		
13. Proper interpretation of injuries in relation to the accident (e.g., mechanism of injury)		
14. Document the detailed findings (including type of injuries, severity, and their possible cause)		
15. Conclusion on the cause of death (from RTA-related injuries or complications)		
SKILL/ACTIVITY PERFORMED SATISFACTORILY		
Signatures of Facilitator:		
Date:		

CHECKLIST FOR MEDICOLEGAL EXAMINATION & CERTIFICATE WRITING OF AN INJURED PERSON

Place a “✓” in relevant boxes of yes and no		
Satisfactory: Performs the step or task according to the standard procedure or guidelines		
Unsatisfactory: Unable to perform the step or task according to the standard procedure or guidelines		
(Some of the following steps/tasks should be performed simultaneously)	CASES	
GETTING READY:	Yes	No
1. Preparation of the examination area (cleanliness, proper lighting, necessary tools)		
2. Ensure proper identification of the injured person (name, age, gender, etc.)		
3. Confirmation of case details (nature of injury, cause, date and time of injury)		
4. Collection of personal and medical history of the injured person (if available)		
5. Proper disposal of hazardous materials (e.g., contaminated clothing, blood-soaked materials)		
SKILL/ACTIVITY DESCRIBED SATISFACTORILY		
THE PROCEDURE:	Yes	No
6. Observe the general condition of the injured person (alertness, consciousness, vital signs)		
7. Observe any visible injuries (e.g., cuts, bruises, fractures, abrasions)		
8. Examination for signs of swelling, discoloration, or deformity in the affected areas		
9. Assessment of the depth and severity of injuries (superficial, partial thickness, full thickness)		
10. Recording of the location, size, and shape of wounds and injuries (use of measuring tape, photographs)		
11. Collection of relevant samples (blood, urine, swabs, if needed for analysis)		
12. Interpretation of injuries in relation to the event (e.g., time, cause, severity)		
13. Documentation of the level of incapacity or disability		
14. Writing a clear and concise medico-legal certificate with all findings (injuries, cause of injury, nature of trauma)		
SKILL/ACTIVITY PERFORMED SATISFACTORILY		
Signatures of Facilitator:		
Date:		

CHECKLIST FOR EXAMINATION OF A FIREARM VICTIM

Place a “✓” in relevant boxes of yes and no		
Satisfactory: Performs the step or task according to the standard procedure or guidelines		
Unsatisfactory: Unable to perform the step or task according to the standard procedure or guidelines		
(Some of the following steps/tasks should be performed simultaneously)	CASES	
GETTING READY:	Yes	No
1. Preparation of the examination area (cleanliness, proper lighting, necessary tools)		
2. Ensure proper identification of the firearm victim (name, age, gender, etc.)		
3. Confirmation of case details (type of firearm, nature of injury, time and location of injury)		
4. Collection of personal and medical history of the victim (if available)		
5. Proper disposal of hazardous materials (e.g., blood-soaked clothing, gloves)		
SKILL/ACTIVITY DESCRIBED SATISFACTORILY		
THE PROCEDURE:	Yes	No
6. Proper handling and documentation of gunshot wounds (measurements, photographs)		
7. Observe the general condition of the victim (level of consciousness, vital signs)		
8. Examination of visible injuries (e.g., gunshot wounds, bleeding)		
9. Documentation of entry and exit wounds		
10. Assessment of gunshot wound characteristics (e.g., round, irregular, powder burns, soot, tattooing)		
11. Examination for signs of contusion or injury caused by impact (e.g., barrel, muzzle, or blunt trauma)		
12. Systematic physical examination (head, neck, chest, abdomen, limbs, etc.)		
13. Measurement and description of gunshot wound dimensions (size, depth, shape)		
14. Assessment of any foreign objects (e.g., bullets, fragments)		
15. Examination for signs of internal injuries (e.g., hemorrhage, pneumothorax, organ damage)		
16. Compilation of findings (physical examination, diagnostic tests, X-rays, etc.)		
17. Interpretation of gunshot wound characteristics and their relevance to the cause of death or injury		
18. Documentation of the level of disability or incapacity		
19. Writing a clear and concise medico-legal report with all findings (injuries, nature of trauma, cause of injury)		
SKILL/ACTIVITY PERFORMED SATISFACTORILY		
Signatures of Facilitator:		
Date:		

**Learning Objectives of Practicals & SGDs (CBL) of
CVS & Respiration - Module**

Topic	Knowledge	Skill	Miller's Pyramid Level Reflected
Examination of a sexual assault survivors (Practical)	<ul style="list-style-type: none"> • Briefly describe the procedure of performing clinical 1 examination of victim and assailant in case of sexual assault. • Explain the method of collection of specific specimens in sexual offences • Write a required certification in case of diagnosed sexual assault 	<p>The student will be able to</p> <ul style="list-style-type: none"> • Manage a case of sexual assault. • Appraise the method of medical examination of victim and assailant, collection of specific specimens 	Knows how

CHECKLIST MEDICOLEGAL EXAMINATION & CERTIFICATE WRITING OF A SEXUAL ASSAULT SURVIVOR

Place a “✓” in relevant boxes of yes and no		
Satisfactory: Performs the step or task according to the standard procedure or guidelines		
Unsatisfactory: Unable to perform the step or task according to the standard procedure or guidelines		
(Some of the following steps/tasks should be performed simultaneously)	CASES	
GETTING READY:	Yes	No
1. Preparation of the examination area (cleanliness, proper lighting, necessary tools)		
2. Ensure proper identification of the survivor (name, age, gender, etc.)		
3. Confirmation of case details (type of assault, location, time of assault)		
4. Collection of personal and medical history (if available)		
5. Obtaining informed consent from the survivor (explaining procedures, rights, and confidentiality)		
6. Proper disposal of hazardous materials (e.g., gloves, blood-soaked materials)		
SKILL/ACTIVITY DESCRIBED SATISFACTORILY		
THE PROCEDURE:	Yes	No
7. Observe the general condition of the survivor (alertness, consciousness, vital signs)		
8. Examination of external injuries (e.g., bruises, lacerations, scratches, bites) & signs of a struggle (e.g., defensive wounds, scratches on hands or forearms)		
9. Examination of genital injuries (e.g., abrasions, tears, swelling, bruising)		
10. Documentation of any signs of forced penetration (e.g., vaginal or anal injury)		
11. Documentation of any foreign objects (e.g., condoms, clothing fibers, hair)		
12. Collection of forensic samples (e.g., vaginal/anal swabs, hair, blood, fingernail scrapings) & samples for DNA testing (semen, bodily fluids, or skin under fingernails)		
13. Proper handling and documentation of collected evidence (preserving chain of custody)		
14. Detailed recording of witness statements (if applicable)		
15. Interpretation of injuries and their relevance to the sexual assault (e.g., timing, force)		
16. Compilation of findings (physical examination, forensic samples, emotional status)		
17. Writing a clear and concise medico-legal certificate with all findings (injuries, nature of trauma, and cause)		
SKILL/ACTIVITY PERFORMED SATISFACTORILY		
Signatures of Facilitator:		
Date:		

ASSESSMENT OF PRACTICAL (PYSCHOMOTOR SKILLS)
FORENSIC MEDICINE OSPE

MODULES/ BLOCKS	COMPONENTS	NO.OF TEMS	MARKS	TOTAL MARKS	TIME PER STATION	TOTAL TIME PER BLOCK
Block I (Foundation I & Foundation II)	LabOSPE	2	10	15	5x 2 Mins	15 mins
	iOSPE	1	5		5 Mins	
	ciOSPE	-	-		5 Mins	
Block II (GIT&Microbes)	LabOSPE	2	10	15	5x2 Mins	15 mins
	iOSPE	1	5		5 Mins	
	ciOSPE	-	-		5 Mins	
Block III (CVS& Respiration)	LabOSPE	2	10	20	5x2 Mins	20 mins
	iOSPE	1	5		5 Mins	
	ciOSPE	1	5		5 Mins	
				50		50