

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES



WBUHS

FORENSIC MEDICINE & TOXICOLOGY

LOG BOOK

3RD PROFESSIONAL MBBS PHASE 1

STUDENTS

AS PER

COMPETENCY BASED CURRICULUM

Preface

The National Medical Commission has revised the undergraduate medical education curriculum so that the Indian Medical Graduate (IMG) is able to recognize “**Health for all**” as a national goal. He/she should also be able to fulfill his/her societal obligations. The revised curriculum has specified the competencies that a student must attain and clearly defined teaching learning strategies for the same. With this goal in mind, early clinical exposure, foundation course, integrated teaching, skill development, AETCOM and self-directed learning have been introduced. There would be emphasis on communication skills, basic clinical skills and professionalism. There is a paradigm shift from the traditional didactic classroom-based teaching to learning environments where there is emphasis on learning by exploring, questioning, applying, discussing, analyzing, reflecting, collaborating and doing. The recognition of this need is enshrined by a greatly enhanced allocation of time to these methods and also the assessment techniques. With this view in mind the log book has been designed as per the guidelines of competency Based curriculum.

Date of birth:

Guardian's name:

Permanent Address:

E-mail ID:

Contact No.:

Guardian's contact No.:

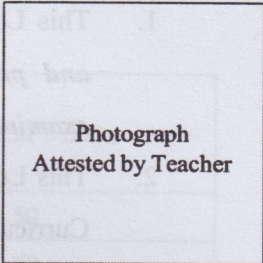
Signature of Student:

Date:

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BASIC PROFORMA OF THE STUDENT



Name of the Student:
(Capital Letters)

Name of the course:

Name of Batch:

Roll No. (College):

Roll No. (University):

Registration no. (University):

Date of birth:

Guardian's name:

Permanent Address:

E-mail ID:

Teaching method	Hours (II Phase + III-I Phase)
Lecture	12 + 22
SDD/Tutorial/Practical	30 + 42
Self-Directed Learning (SDL)	2 + 2
Total	122

Signature of Student:

Date:

General Instructions:

1. This Log book is the record of academic activities of the student. *It must be preserved carefully and produced at the time of submission of form for III Professional Part-I University examination.*
2. This Logbook is prepared as per the guidelines of NMC for implementation of Competency Based Curriculum for Phase II and III students in the subject of Forensic Medicine & Toxicology.
3. Students are instructed to keep their logbook entries up to date in the respective pages and verified by the faculty in charge regularly.
4. The logbook assessment will be based on multiple factors like
 - Attendance
 - Active participation in the sessions
 - Timely completions
 - Quality of write up of reflections
 - Overall presentation
5. The student must have attended a minimum of 75% of total theory and a minimum of 80% of total practical classes in aggregate, in each phase separately, for being eligible to appear at *III Professional Part - I University examination.*
6. The student must secure at least 50% marks of the total (combined in theory and practical; not less than 40% marks in theory and practical separately), for being eligible to appear at *III Professional Part - I University examination.*

Professional teaching hours- Forensic Medicine & Toxicology

Teaching method	Hours (II Phase + III-I Phase)
Lectures	15 + 25
SGD/Tutorial/Practical	30 + 45
Self-Directed Learning (SDL)	5 + 5
Total	125

Assessment Policy

Phase - II MBBS		Subjects	Theory Marks	Practical Marks
First Internal Assessment		Forensic Medicine	50	50
Second Internal Assessment		Forensic Medicine	50	50
Phase - III/I MBBS		Subjects	Theory Marks	Practical Marks
Third Internal Assessment		Forensic Medicine	100	100
Prelims		Forensic Medicine	100	100
University		Forensic Medicine	100	100

Records of Internal Assessment Examination

Sl No	Exam	Date	Theory	Date	Practical including viva	Signature of student	Signature of teacher
1	Internal Assessment I		---/50		---/50		
2	Internal Assessment II		---/50		---/50		
3	Internal Assessment III		---/100		---/100		
4	Prelims		---/100		---/100		
5	Calculated Internal Assessment Marks		---/90		---/90		
6	Betterment Exam (if any)		---/100		---/100		
7	Updated Internal Assessment Marks (if any)		---/90		---/90		
8	Logbook subject wise record		---/10		---/10		
9	Final Internal Assessment marks (to be sent to university)		---/100		---/100		

.....
Signature of Head of Institute

.....
Signature of Head of Dept.

Student log of Phase II

Record of Attendance

Teaching	Attendance			Signature of the Teacher
	Hrs. of class	Hrs. present	Percentage	
Lectures				
Small Group Teaching (Tutorials/Seminars/IT)				
Self-Directed Learning				
Extra classes for Betterment				

Student log of Phase III: Part-I

Record of Attendance

Teaching	Hrs. of class	Hrs. present	Percentage	Signature of teacher
Lecture				
Small Group Teaching (Tutorials/Seminars/IT)				
Self-Directed Learning				
Extra class for betterment				

Head of the Department
Forensic Medicine & Toxicology

EVALUATION OF SKILLS IN FMT

Sr. No.	Competency No.	Competency	Domain	Level	Evaluation	Date of achievement after remedial measure
1	FM1.11	Write a correct cause of death certificate as per ICD 10 document.	Skill	Shows How		
2	FM 14.1	Examine and prepare Medico-legal report of an injured person with different etiologies in a simulated/supervised environment.	Skill	Shows How OR Perform		
3	FM 14.2	Demonstrate the correct technique of clinical examination in a suspected case of poisoning & prepare medico legal report in a simulated/supervised environment.	Skill	Shows How or Perform		
4	FM14.3	Assist and demonstrate the proper technique in collecting, preserving and dispatch of the exhibits in a suspected case of poisoning along with clinical examination.	Skill	Shows How or Perform		
5	FM 14.4	Conduct and prepare report of estimation of age of a person for medico legal and other purposes & prepare medico-legal report in a simulated/supervised environment.	Skill	Knows How		
6	FM 14.5	Conduct & prepare post-mortem examination report of varied etiologies (at least 15) in a simulated/supervised environment.	Skill	Knows How Shows how		
7	FM14.6	Demonstrate and interpret medico legal aspects from examination of hair (Human & Animal), fiber, semen & other biological fluids.	Skill	Knows How Show how		

Sr. No.	Competency No.	Competency	Domain	Level	Evaluation	Date of achievement after remedial measure
8	FM14.7	Demonstrate & identify that a particular stain is blood and identify the species of its origin.	Skill	Knows How		
9	FM 14.8	Demonstrate the correct technique to perform and identify ABO & RH blood group of a person	Skill	Shows How		
10	FM 14.9	Demonstrate examination of bundle of bones & present an opinion after examination of skeletal remains in a simulated/supervised environment.	Skill	Shows How		
11	FM 14.10	Demonstrate ability to identify & prepare medico legal inference from specimens obtained from various types of injuries e.g. contusion, abrasion, laceration, fire arm wounds, burns, head injury, and fracture of bone.	Skill	Knows How Show how		
12	FM 14.11	To identify & describe weapons of medico legal importance which are commonly used. Able to prepare report of the weapons brought by police and to give opinion regarding injuries present on the person as described in injury report/ PM report so as to connect weapon with the injuries. (Prepared injury report/PM report must be provided to connect the weapon with the injuries)	Skill	Knows How		
13	FM 14.12	Describe the contents and statistics of police and	Skill	Knows How		
14	Competency No.	Competency	Domain	Level	Evaluation	Date of achievement after remedial measure

Sr. No.	Competency No.	Competency	Domain	Level	Evaluation	Date of achievement after remedial measure
13	FM14.12	Describe the contents and structure of bullet and cartridges used & to provide medico-legal interpretation from these.	Skill	Knows How		
14	FM 14.13	To estimate the age of fetus by post mortem examination.	Skill	Knows How		
15	FM 14.14	To examine & prepare report of an alleged accused in rape /unnatural sexual offence in a simulated / supervised environment.	Skill	Knows How Shows how		
16	FM 14.15	To examine & prepare report of a victim of rape/unnatural sexual offence in a simulated/supervised environment.	Skill	Knows How Shows how		
17	FM14.16	To examine & prepare medico legal report of drunk person in a simulated/supervised environment.	Skill	Knows How Show how		
18	FM14.17	To identify & draw medico legal inference from common poisons e.g. datura, castor, cannabis, opium, aconite, copper sulphate, pesticide compounds, marking nut, oleander, nux vomica, abrus seeds, snakes, capsicum, calotropis, lead compounds & tobacco.	Skill	Knows How		
19	FM 14.18	To examine & prepare medico legal report of a person in police, judicial custody or referred by Court of Law and violation of human rights as requirements of NHRC, who has been brought for medical examination.	Skill	Knows How		

Sr. No.	Competency No.	Competency	Domain	Level	Evaluation	Date of achievement after remedial measure
20	FM14.19	To identify & prepare medico legal inference from histopathological slides of Myocardial infarction, pneumonitis, tuberculosis, brain infarct, liver cirrhosis, brain haemorrhage, bone fracture, pulmonary oedema, brain oedema, soot particles, diatoms & wound healing.	Skill	Knows How		
21	FM 14.20	To record and certify dying declaration in a simulated/supervised environment.	Skill	Knows How Show how		
22	FM14.21	To collect, preserve, seal and dispatch exhibits for DNA-Finger printing using various formats of different laboratories.	Skill	Knows How Shows how		
23	FM 14.22	To give expert medical /medico-legal evidence in Court of law.	Skill	Knows How		

Summary of Assessment of Skills acquired during

Level	Total No.	A: Above Expectation	B: As per expectation	C: Below Expectation	D: Requires remedial measure
Knows How	17				
Shows How or Perform	14				

Date:

Head of Department
Forensic Medicine & Toxicology

SELF-DIRECTED LEARNING

Self- Directed Learning (SDL) is defined as the "preparedness of a student to engage in learning activities defined by himself rather than a teacher". The Graduate Medical Education 2019 document brought out by the MCI lists life- long learning as one of the roles of the Indian Medical Graduate (IMG). One of the methods suggested achieving this is SDL.

Seven key components of SDL have been described. These include the identification of learning needs, formulation of learning objectives, utilization of appropriate learning resources, employing suitable learning strategies, commitment to a learning contract, evaluating learning outcomes and the teacher as a facilitator.

In Forensic Medicine, there are 10 SELF- DIRECTED LEARNING Hours: 5 in Second Professional Year and 5 in third Part one.

Head of Department
Forensic Medicine & Toxicology

Self-Directed Learning (5 hours) - II Phase

Sr. No.	Competency addressed	Name of activity	Date completed	Attempted activity First or Only (F)/Repeat (R)/ Remedial (Re)	Rating Below expectations (B)/Meets expectations (M)/Exceed expectations	Decision of faculty Completed (C)/ Repeat (R), Remedial (Re)	Initial of faculty and Date	Feedback received Initial of learner
1								
2								
3								
4								
5								

Self-Directed Learning (5 hours) - III/I Phase

Sr. No.	Competency addressed	Name of activity	Date completed	Attempted activity First or Only (F)/Repeat (R)/ Remedial (Re)	Rating Below expectations (B)/Meets expectations (M)/Exceed expectations	Decision of faculty Completed (C)/ Repeat (R), Remedial (Re)	Initial of faculty and Date	Feedback received Initial of learner
6								
7								
8								
9								
10								

REFLECTIONS ON SELF DIRECTED LEARNING (10 hours)

Write down the reflections regarding the activities done/topics learnt via self-directed learning, in particular by answering certain questions like, what did you learn from this experience? What are the applications of this learning? What Next - what knowledge or skill you need to inculcate so that you can handle such situation in a better way?

1. Topic:

Date:

Summary (Reflection) of the concept learnt:

2. Topic:

Date:

Summary (Reflection) of the content learnt:

3. Topic:

Date:

Summary (Reflection) of the content learnt:

4. Topic:

Date:

Summary (Reflection) of the content learnt:

5. Topic:

Date:

Summary (Reflection) of the content learnt:

6. Topic:

Date:

Summary (Reflection) of the content learnt:

7. Topic:

Date:

Summary (Reflection) of the content learnt:

8. Topic:

Date:

Summary (Reflection) of the content learnt:

9. Topic:

Date:

Summary (Reflection) of the content learnt:

10. Topic:

Date:

Summary (Reflection) of the content learnt:

Head of the Department

Forensic Medicine and Toxicology

Module No: **ADDITIONAL ACTIVITIES**

Note: Please describe briefly the experiences about your participation in seminars/conferences/workshops/CME/club activities (Book/Music & Dance/ Sports /Debate/Nature/Arts/Rotaract)/cultural and sports related activities/heritage tours. These may be e.g.: prizes won, certificates obtained, details of competitions attended, etc. The student can add photographs and a brief write up. The entry here is a compilation of voluntary activity and not included for internal assessment.

ADDITIONAL ACTIVITIES

Signature of Facilitator

**Head of the Department
Forensic Medicine and Toxicology**

ADDITIONAL ACTIVITIES

AETCOM Module

Note: Please describe briefly the experiences about your participation in

Module No:

seminars/conferences/workshops/club activities (Book/Music/Debate/Nature/Arts/Rotact)/cultural and sports related activities/heritage tours. These

Topic:

may be e.g.: prizes won, certificates obtained, details of competitions attended. The student can add photographs and a brief write up. The entry here is a compilation of

Date:

voluntary activity and not included for internal assessment.

Summary (Reflection) of content learnt:

ADDITIONAL ACTIVITIES

Competency	Attainment	Assessment	Remarks
Conceptual	Ability to apply	Assignment (10/100)	
Knowledge	Ability to explain	Assignment (10/100)	
Application	Ability to solve	Assignment (10/100)	
Analysis	Ability to analyze	Assignment (10/100)	
Evaluation	Ability to evaluate	Assignment (10/100)	
Creation	Ability to create	Assignment (10/100)	

Head of the Department
Forensic Medicine and Toxicology

Signature of Facilitator

Module No:

Topic:

Date:

Summary (Reflection) of content learnt:

Module No:
Topic:
Date:
Summary (Reflection) of content learnt:

Signature of Facilitator

Signature of Facilitator

Module No:

Topic:

Date:

Summary (Reflection) of content learnt:

Summary (Reflection) of content learnt:

Signature of Facilitator

Signature of Facilitator

Module No:

Topic:

Date:

Summary (Reflection) of content learnt:

Signature of Facilitator

Signature of Facilitator

Module No:

Topic:

Date:

Summary (Reflection) of content learnt:

Signature of Facilitator

Signature of Facilitator
Signature of Facilitator

Module No:

Topic:

Date:

Summary (Reflection) of content learnt:

Signature of Facilitator

Head of the Department
Forensic Medicine and Toxicology

CERTIFICATE

This is to certify that this logbook is the record of

Mr/Ms.

Roll No. ----- Admission year----- of the Dept.
of at

Medical College. He / She has satisfactorily attended/completed all assignments mentioned in this logbook as per the guidelines prescribed by National Medical Commission, for Phase II/III-I MBBS Competency Based Curriculum in the subject of Forensic Medicine and Toxicology.

Date: ---/---/-----
Place: -----

**Professor and Head
Department of Forensic Medicine & Toxicology**

Signature of Facilitator
Date: ---/---/-----
Place:

Principal / Dean of Institution

Head of the Department
Forensic Medicine and Toxicology

Signature of Facilitator



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