



**GOVERNMENT MEDICAL COLLEGE & HOSPITAL
SECTOR- 32, CHANDIGARH**

LOGBOOK

Phase-II MBBS

Batch - 2022

Paste
Passport
Size Photo

PERSONAL DETAILS

Name of the Student	
Class Roll No.	
Date of Admission to MBBS Course	
Date of beginning of the Phase II	
University Registration Number	
Permanent Address	
Present Address	
Email ID	
Mobile Number	
Parents/Guardian Email ID	
Parents/Guardian Mobile No.	

This is to certify that the student Mr. / Ms. _____ has
 Satisfactorily completed requirements including certifiable competencies as prescribed by National
 Medical Commission, for Phase 2 curriculum in the subject:

Subject	Subjects that are having University Examination in Phase II			Modules across all phases	
	Pathology	Pharmacology	Microbiology	AETCOM	Pandemic Module
HOD Sign/ Date & remarksif any					

Subjects that will go on to the next phase and not having university examination in this phase

Subject	Forensic Medicine and Toxicology	Community Medicine	General Medicine	General Surgery	Obstetrics Gynecology
HOD Sign/ date & remarksif any					
Subject	Pediatrics	Orthopedics	Psychiatry	Dermatology	Dentistry
HOD Sign/ date & remarks if any					

LOG BOOK CERTIFICATE

This is to certify the candidate Mr./Ms. Roll No.....
admitted in the year 2022-23 in the Government Medical College & Hospital, Sector-32,
Chandigarh has satisfactorily completed all assignments /requirements mentioned in this logbook
for Second year MBBS course in the subject (s) of
Pathology / Pharmacology / Microbiology / AETCOM / other requirements during the period
from.....to.....

She/ He is eligible to appear for the MBBS Second Professional (Phase II) Final (Summative)
Examination of the Panjab University for the session_____.

Professor In-charge Academics (PIA)

Place:

Date:

Director Principal

***In case student was not eligible in first attempt, this certificate is to be filled, citing the reasons, remedial measures and time frame for review of eligibility after remedial measures**

This is to certify that Mr. / Ms. _____ is not eligible to appear for the MBBS Second Professional (Phase II) Final Examination of the Panjab University Session

The reasons for the ineligibility are:

The remedial measures suggested are:

The time frame for the next review is by:

Subject	Pathology	Pharmacology	Microbiology
Signature of Faculty In-charge			
Signature of Head of the Department			

Professor In-charge Academics (PIA)

Place:

Date:

Director Principal

GENERAL INSTRUCTIONS

1. The logbook is a verified record of the academic/co-curricular activities of the student, who would be responsible for maintaining his/her logbook.
2. The student is responsible for getting the entries in the logbook verified by the faculty in-charge regularly.
3. Entries in the logbook will reflect the activities undertaken in the department(s) & are to be scrutinized by the faculty in-charge of the concerned department.
4. The logbook includes a record of various activities by the student like:
 - Attendance
 - Record of completion of pre-determined activities
 - Acquisition of selected certifiable competencies
 - Timely completions
 - Quality of write-up of reflections
 - Overall participation & performance in sessions
5. The logbook is the record of work done by the candidate in that department and is an essential requirement towards eligibility for appearing in the summative university examinations.
6. The logbook should be verified by the college before submitting the application of the students for the University examination.

REFLECTION WRITING BY STUDENT ON VARIOUS COMPONENTS

1. Students are required to write reflections on overall experience of the AETCOM modules, Pandemic Module, Self-directed Learning, (SDL), and Aligned Integrated Topics (AITo).
2. For reflections the following structure should be used:
 - What happened? (What teaching learning experience did you undertake)
 - What exactly happened (in your own words)? What did you observe? What was your reaction? What did other people do e.g. colleague, faculty? What are the key aspects of the situation?
 - So what? (What did you learn from this experience or what change did this session make in your learning of the subject)
 - What were you trying to achieve? What were the reasons for the way you responded? What beliefs and values influenced your actions? What assumptions did you make? What “good” emerged from the situation e.g. for self, others?
 - What next? (How will you apply this knowledge in future?)
 - What are the implications for you, others involved? What might you do differently if faced with a similar experience again? What would be the consequences of alternative actions for yourself, others? What are the best ways of getting further information about the experience should it rise again?

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INSTRUCTIONS FOR COMPLETING CERTIFIABLE COMPETENCIES TABLES

- Column 1:

Attempt at activity by learner: Indicate if:

- a. First attempt (or) only attempt
- b. Repeat (R) of a previously done activity
- c. Remedial (Re)

- Column 2:

Rating - Use one of three grades:

- a. Below Expectation (B)
- b. Meet Expectation (M)
- c. Exceed Expectation (E)

- Column 3:

Decision of faculty

- a. C: activity is completed, therefore closed and can be certified, if needed
- b. R: Repeat
- c. Re: activity needs remedial action (usually done after repetition did not lead to satisfactory completion)

PATHOLOGY

Certifiable competencies as per regulations

1	2	3	4	5	6	7	8
Competency addressed	Name of Activity	Date completed:	Attempt at activity First or Only(F) Repeat(R) Remedial (RE)	Rating Below(B) expectations Meets(M) expectations Exceeds (E) expectations	Decision of faculty Completed (C), Repeat (R) Remedial (Re)	Initial of faculty and date	Feedback Received Initial of learner
PA 16.6 Prepare a peripheral blood smear and identify hemolytic anemia from it (1)							
1	Haemolytic anaemia PBF						
PA 25.6 Interpret liver function and viral hepatitis serology panel. Distinguish obstructive from non-obstructive jaundice based on clinical features and liver function tests (1)							
2	LFT						
PA 35.3 Identify the etiology of meningitis based on given CSF parameters (1)							
3	Meningitis CSF						

SDL PATHOLOGY

Sr. No.	SDL Topic	Date	Faculty	Signature
1	Examples of chronic granulomatous inflammation	(2 hours)		
2	Embolism	(2 hours)		
3	Etiopathogenesis, classification and hematologic features of acute and chronic leukemia	(2 hours)		
4	Pathogenesis and pathologic features of cirrhosis	(2 hours)		
5	Cardiomyopathies- types, pathogenesis and morphology. Etiopathogenesis, pathology and complications of Treponema on CVS	(2 hours)		
6	Diabetes mellitus Hyperparathyroidism	(2 hours)		
7	Iron metabolism, microcytic anemia	(2 hours)		
8	Jaundice	(2 hours)		
9	Glomerular diseases	(2 hours)		

Reflections by student on overall experience of SDL Pathology:

Attendance percentage SDL

Signature of HOD Pathology:

PHARMACOLOGY

Certifiable competencies as per regulations

1	2	3	4	5	6	7	8
Competency addressed	Name of Activity	Date completed	Attempt at activity First or Only (F) Repeat (R) Remedial (Re)	Rating below (B) Expectations Meets (M) Expectations Exceeds (E) expectations OR Numerical Score	Decision of faculty Completed (C) Repeat (R) Remedial (Re)	Initial of faculty and date	Feedback Received Initial of learner
<p>PH 3.1 Write a rational, correct and legible generic prescription for a given condition and communicate the same to the patient</p>							
1							
2							
3							
4							
							13

5.							
PH 3.2 Perform and interpret a critical appraisal (audit) of a given prescription							
Audit 1							
Audit 2							
Audit 3							
PH 3.3 Perform a critical evaluation of the drug promotional literature							
DPL 1							
DPL 2							
DPL 3							
							14

PH 3.5 To prepare and explain a list of P-drugs for a given case/condition							
1	List of P-drugs 1						
2	List of P-drugs 2						
3	List of P drugs 3						

SDL PHARMACOLOGY

Session No.	SDL Topic	Date	Faculty	Signature
1	PH 1.59 Essential drugs, FDCs, OTC	(2 hours)		
2	PH 1.60 Pharmacoeconomics & Pharmacogenomics	(2 hours)		
3	PH 1.61 Dietary supplements & Nutraceuticals	(2 hours)		
4	PH 1.54 Vaccines & uses	(2 hours)		
5	PH 1.55 National health programmes	(2 hours)		
6	PH 1.63 Drug Regulations & Acts	(2 hours)		
7	PH 1.62 Antiseptics & Disinfectants	(2 hours)		
8	PH 1.53 Heavy metal poisoning & chelating agents	(2 hours)		
9	PH 1.7 Identification & management of ADRs	(2 hours)		

Reflections by student on overall experience of SDL Pharmacology:

Attendance percentage SDL
Signature of HOD Pharmacology:

MICROBIOLOGY

Certifiable competencies as per regulations

1	2	3	4	5	6	7	8
Competency # addressed	Name of Activity	Date completed	Attempt at activity First or Only (F) Repeat (R) Remedial (Re)	Rating below (B) Expectations Meets (M) Expectations Exceeds (E) expectations	Decision of faculty Completed (C) Repeat (R) Remedial (Re)	Initial of faculty and date	Feedback Received Initial of learner
MI 1.2 Perform and identify the different causative agents of infectious diseases by gram stain, ZN stain and stool routine microscopy (5)							
1	Gram staining						
2	Stool routine microscopy						
3	ZN staining						
4	Stool routine microscopy						
5.	ZN Staining						
							18

MI 6.2 Identify the common etiological agents of Upper respiratory tract infections (Gram Stain)

1	Gram staining						
2	Gram staining						
3	Gram staining						

MI 6.3 Identify the common etiological agents of Lower respiratory tract infections (Gram Stain and Acid fast staining)

1	ZN Staining						
2	Gram Staining						
3	ZN Staining						

**M 8.7 Demonstrate infection control practices and use of Personal Protective Equipment
(Hand Hygiene and PPE)**

1	Hand Hygiene and PPE						
2	Hand Hygiene and PPE						
3	Hand Hygiene and PPE						

SDL Microbiology

Sr. No.	SDL Topic	Date	Faculty	Signature
1.	Antibiotic Stewardship I	(2 hours)		
2.	Transfusion transmitted infections, and Post exposure prophylaxis- I	(2 hours)		
3.	History and process of vaccine development	(2 hours)		
4.	Cutting edge diagnostics-I	(2 hours)		
5.	Bioterrorism	(2 hours)		

Reflections by student on overall experience of SDL Microbiology:

Attendance percentage SDL

Signature of HOD Microbiology:

AETCOM MODULE PHASE 2 MBBS

Sr. No.	AETCOM module no.	Topic	Attendance percentage	Signature of faculty
1	Module 2.1 (Pharmacology)	The foundations of communication		
2	Module 2.2 (Pathology)	The foundations of bioethics		
3	Module 2.3 (Microbiology)	Healthcare as a right		
4	Module 2.4 (Community Medicine)	Working in a health care team		
5	Module 2.5 (Pathology)	Bioethics continued – Case studies on patient Autonomy and decision making		
6	Module 2.6 (Forensic Medicine)	Bioethics continued – Case studies on autonomy and decision making		
7	Module 2.7 (Forensic Medicine)	Bioethics continued – Case studies on autonomy and decision making		
8	Module 2.8 (Community Medicine)	What does it mean to be family member of a sick patient?		

Reflections by student on over all experience of AETCOM:

Signature Coordinator AETCOM Module:

PANDEMIC MODULE

S. No.	PANDEMIC Module No. and Name	Topic	Department	Attendance percentage	Signature of Teacher-in-charge/ remarks if any
1	Module 2.1	Infection control: Part II Airborne Precautions Contact Precautions Infection Control Committee	Microbiology		
2	Module 2.2	Emerging and Re-emerging Infections, Early identification and control of new infections	Community Medicine		
3	Module 2.3	Sample collection, microbial diagnosis, Serological tests and their performance parameters	Microbiology		
4	Module 2.4	Vaccination strategies including vaccine development and implementation	Community Medicine, Biochemistry		
5	Module 2.5	Therapeutic strategies including new drug development	Pharmacology, General medicine		

Reflections by student on overall experience of Pandemic Module:

Signature Coordinator Pandemic Module:

ALIGNED AND INTEGRATED TOPICS (AITo)

S.No	AITo	Signature of Faculty Coordinator
1.	Anaemia (Pathology)	
2.	Jaundice (Microbiology)	
3.	COPD (Pharmacology)	
4.	CAD/MI (Pathology)	

Reflections by student on overall experience of AITo:

Signature Coordinator AITo:

FORENSIC MEDICINE

SDL Forensic Medicine

Sr. No.	SDL Topic	Date	Faculty	Signature
1	Consumer Protection Act (2hrs)	(2 hours)		
2	Firearms injuries (2hrs)	(2 hours)		
3	National Human Rights Commission guidelines (2hrs)	(2 hours)		

Reflections by student on overall experience of SDL Forensic Medicine:

Attendance percentage SDL:

Signature of HOD Forensic Medicine:

COMMUNITY MEDICINE

SDL Community Medicine

Sr. No.	Topic	Date	Faculty	Signature
1	Define and describe the principles of Demography, Demographic cycle, Vital statistics. Session 1 Session 2			
2	Enumerate and discuss the National Nutrition Policy Session 1 Session 2			
3	Enumerate and describe the methods of screening high risk groups and common health Problems Session 1 Session 2			
4	Describe local customs and practices during pregnancy, childbirth, lactation and child feeding practices Session 1 Session 2			
5	Enumerate and describe various family planning methods, their advantages and shortcomings. Session 1 Session 2			

Reflections by student on overall experience of SDL Community Medicine:

Attendance percentage SDL:

Signature of HOD Community Medicine:

COMMUNITY MEDICINE

Write initials (not names) and ID of cases / visits and the diagnosis / learning topic during each encounter including family adoption programme.

1

2

3

4

5

6

**Reflections on 'Learner doctor method of clinical training' in
Community Medicine:**

Attendance in lectures:

Attendance in clinical postings:

Teacher In-charge/HOD Sign/date:

GENERAL MEDICINE

Write initials (not names) and ID of cases / visits and the diagnosis / learning topic during each encounter

1

2

3

4

5

6

**Reflections on ‘Learner doctor method of clinical training’ in General
Medicine:**

Attendance in lectures:

Attendance in clinical postings:

Teacher In charge/HOD Sign/date:

GENERAL SURGERY

Write initials (not names) and ID of cases / visits and the diagnosis / learning topic during each encounter1

1

2

3

4

5

6

Reflections on ‘Learner doctor method of clinical training’ in General Surgery:

Attendance in lectures:

Attendance in clinical postings:

Teacher In-charge / HOD Sign/Date

OBSTETRICS & GYNAECOLOGY

Write initials (not names) and ID of cases / visits and the diagnosis / learning topic during each encounter

1

2

3

4

5

6

Reflections on ‘Learner doctor method of clinical training’ in Obstetrics and Gynaecology:

Attendance in lectures:

Attendance in clinical postings:

Teacher Incharge/HOD Sign/date

PEDIATRICS

Write initials (not names) and ID of cases / visits and the diagnosis / learning topic during each encounter

1

2

3

4

5

Reflections on ‘Learner doctor method of clinical training’ in Pediatrics:

Attendance in lectures:

Attendance in clinical postings:

Teacher Incharge/HOD Sign/date

ORTHOPEDICS

Write initials (not names) and ID of cases / visits and the diagnosis /

Learning topic during each encounter

1

2

3

4

Reflections on ‘Learner doctor method of clinical training’ in Orthopedics:

Attendance in lectures:

Attendance in clinical postings:

Teacher Incharge/HOD Sign/date

PSYCHIATRY

Write initials (not names) and ID of cases / visits and the diagnosis /
learning topic during each encounter

1

2

3

4

Reflections on ‘Learner doctor method of clinical training’ in Psychiatry:

Attendance in clinical postings:

Teacher Incharge/HOD Sign/date

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DERMATOLOGY

Write initials (not names) and ID of cases / visits and the diagnosis /learning topic during each encounter

1

2

3

4

Reflections on ‘Learner doctor method of clinical training’ in Dermatology:

Attendance in clinical postings:

Teacher Incharge/HOD Sign/date

DENTISTRY

Write initials (not names) and ID of cases / visits and the diagnosis /
learning topic during each encounter

1

2

3

4

**Reflections on ‘Learner doctor method of clinical training’ in
Dentistry:**

Attendance in clinical postings:

Teacher Incharge/HOD Sign/date

SPORTS

Students are required to mention the events they participated in and awards if any (Sports Day, Indoor games, Euphoria, Inter College Tournament etc).

Date	Name of the Event	Name of the activity	Inter college/intra college	Award if any	Signature of Faculty Incharge

EXTRA-CURRICULAR ACTIVITIES

Date	Name of the Event	Name of the activity	Inter college/intra college	Award if any	Signature of Faculty Incharge

INTERNAL ASSESSMENT (THEORY)

S. No.	Subject	Internal Assessment examinations (Summative Assessment) (Marks obtained/total marks)					TOTAL	%age
		IA 1	IA 2	IA 3	IA 4			
1.	Pathology							
2.	Pharmacology							
3.	Microbiology							
4.	Forensic Medicine							
5.	Community Medicine							
6.	General Medicine							
7.	General Surgery							
8.	Obstetrics & Gynaecology							
9.	Pediatrics							
10.	Orthopedics							
11.	Psychiatry							
12.	Dermatology							
13.	Dentistry							

INTERNAL ASSESSMENT (PRACTICAL)

S No.	Subject	Internal Assessment examinations (Marks obtained/total marks)					
		IA1	IA2	IA3	IA4	TOTAL	%age
1.	Pathology						
2.	Pharmacology						
3.	Microbiology						
4.	Forensic Medicine						
5.	Community Medicine						
6.	General Medicine						
7.	General Surgery						
8.	Obstetrics &Gynaecology						
9.	Pediatrics						
10.	Orthopedics						
11.	Psychiatry						
12.	Dermatology						
13.	Dentistry						

SUMMARY

Description		Attendance		Status	Signature of the HOD
		Total	Attended (%age)	Eligible/ Non-eligible*	
Pathology	Theory				
	Practical				
	Certifiable competencies				
Pharmacology	Theory				
	Practical				
	Certifiable competencies				
Microbiology	Theory				
	Practical				
	Certifiable competencies				
AETCOM					
Pandemic Module					

***Criteria for Eligibility: Attendance 75% in Theory, 80% in Practical**

