

# **Bachelor of Medicine & Bachelor of Surgery (MBBS) Curriculum in Bangladesh**



**Bangladesh Medical & Dental Council (BM&DC)**

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[www.bmdc.org.bd](http://www.bmdc.org.bd)

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## Basic Information about MBBS Course

- 1. Name of the course:** Bachelor of Medicine & Bachelor of Surgery (MBBS)
- 2. Basic qualifications & prerequisite for entrance in MBBS Course:**
  - (i) HSC or equivalent with Science.(Biology, Physics, Chemistry)
  - (ii) Candidate has to secure required grade point in the SSC and HSC examinations.
- 3. Students selection procedure for MBBS course:** According to decision by the proper competent authority as per merit.
- 4. Medium of Instruction:** English
- 5. Duration:** MBBS course comprises of 5 Years, followed by mandatory logbook based rotatory internship for one year
- 6. Course structure, subject with duration and professional examination**

The MBBS course is divided into four phases.

Phase	Duration	Subjects	Examination
1 <sup>st</sup> phase	1½ years	<ul style="list-style-type: none"> <li>Anatomy</li> <li>Physiology</li> <li>Biochemistry</li> </ul>	First Professional MBBS
2 <sup>nd</sup> phase	1 year	<ul style="list-style-type: none"> <li>Pharmacology &amp; Therapeutics</li> <li>Forensic Medicine &amp; Toxicology</li> </ul> <p><i>Only lecture, small group teaching (practical, tutorial etc.), clinical teaching (as applicable) &amp; formative assessment will be conducted in following subjects- General Pathology part of Pathology, General Microbiology part of Microbiology, Medicine &amp; Allied subjects, Surgery &amp; Allied subjects</i></p>	Second Professional MBBS
3 <sup>rd</sup> phase	1 year	<ul style="list-style-type: none"> <li>Community Medicine &amp; Public Health</li> <li>Pathology</li> <li>Microbiology</li> </ul> <p><i>Only lecture, small group teaching (practical, tutorial etc.), clinical teaching (as applicable) &amp; formative assessment be conducted in following subjects- Medicine &amp; Allied subjects, Surgery &amp; Allied subjects, Obstetrics and Gynaecology.</i></p>	Third Professional MBBS
4 <sup>th</sup> phase	1½ years	<ul style="list-style-type: none"> <li>Medicine &amp; Allied subjects</li> <li>Surgery &amp; Allied subjects</li> <li>Obstetrics and Gynaecology</li> </ul>	Final Professional MBBS

**NB:** All academic activities including professional examination of each phase must be completed within the specified time of the phase.

**Special note:** After taking admission into the first year of MBBS course, a student must complete the whole MBBS course (pass the final professional MBBS examination) within 12 years timeline.

## 7. Phase wise hours distribution for teaching-learning and assessment:

1 <sup>st</sup> Phase: Hour Distribution											
Subject		Lecture (in hours)	Tutorial (in hours)	Practical (in hours)	Dissection and others (in hours)	Integrated teaching	Formative Exam		Summative exam		Total (in hours)
							Preparatory leave	Exam time	Preparatory leave	Exam time	
Teaching-learning, both formative and summative assessment	Anatomy	115	53	52	307	36 hrs	35 days	42 days	30 days	30 days	527
	Physiology	120	120	97	-						337
	Biochemistry	117	100	100	-						317
	Total	352	273	249	307	36	77 days	60 days	1181+36 (IT) =1217		
Generic Topics on Medical Humanities :(i) Behavioral science, (ii) Medical Sociology, (iii) Etiquette in using of Social Medias, (iv) Self- directed learning including team learning & (v) Medical ethics will be taught within 1 <sup>st</sup> phase.											8
Grand Total											1225
Time for integrated teaching, examination, preparatory leave of formative & summative assessment is common for all subjects of the phase											
Related behavioral, professional & ethical issues will be discussed in all teaching learning sessions											

2nd Phase: Hour Distribution													
Subject		Lecture (in hours)	Tutorial (in hours)	Practical/ Demonstration (in hours)	Others (in hours)	Integrat ed teaching (IT) (in hours)	Clinical bedside teaching (in weeks)	Formative Exam		Summative exam		Total (in hours)	
								Prepa ratory leave	Exa m time	Prepa ratory leave	Exa m time		
Teaching-learning, both formative & summative assessment	Pharmacology & Therapeutics	100	30	50	Clinical Pharmac ology 15	17	-	10 days	15 days	10 days	15 days	195	
	Forensic Medicine & Toxicology	100	45	40 hrs Visit to Morgue, Thana & court = 12 days	-		-					185+12da ys	
Teaching- learning and only formative assessment	General Pathology	35	40	07	-	-	-	-	-	-	-	82	
	General Microbiology	13	07	15	-	-	-	-	-	-	-	35	
	Medicine & Allied subjects	28	-	-	-	-	21 weeks	-	-	-	-	28	
	Surgery & Allied subjects	35	-	-	-	-	20 weeks	-	-	-	-	35	
Total		311 hrs	122 hrs	112 hrs + 12 days	15 hours	17 hours	41 weeks	25 days		25 days		560 hrs + 12 days	
Grand Total		577 hrs + 12 days					42 weeks	45 days				560 +17 (IT) = 577 hrs + 12 days	
Generic Topics on Medical Humanities: (i) Communication skill, (ii) Doctor–patient relationship (DPR) & Physicians’/bedside manner, etiquette and rapport building with patients will be taught within 2 <sup>nd</sup> phase.												(iii)	5 hrs
Time for integrated teaching, examination preparatory leave and formative and summative assessment is common for all subjects of the phase													
Preventive aspects of all diseases will be given due importance in teaching learning considering public health context of the country and others parts of the world.													
Related behavioral, professional & ethical issues will be discussed in all clinical and other teaching learning sessions													

### 3<sup>rd</sup> Phase: Hour Distribution

Subject		Lecture (in hours)	Tutorial (in hours)	Practical/ Demonstration (in hours)	Integrated teaching (in hours)	Clinical bedside teaching (in weeks)	Formative Exam		Summative exam		Total (in hours)
							Prepa ratory leave	Exam time	Prepa ratory leave	Exam time	
Teaching-learning, both formative & summative assessment	Community Medicine & Public Health	110	155	COME (community based medical education): 30 days (10 days day visit + 10 days RFST +10 days study tour)= <b>30 days</b> (10+10+10)	18	-	07 days	12 days	07 days	12 days	265 + 30 days
	Pathology	60	54	27		-					141
	Microbiology	87	38	30		-					155
Teaching- learning and only formative assessment	Medicine & Allied subjects	48	-	-	-	14	-	-	-	-	<b>48</b>
	Surgery & Allied subjects	103	-	-	-	15	-	-	-	-	<b>103</b>
	Obstetrics and Gynaecology	30	-	-	-	8	-	-	-	-	<b>30</b>
Total		438	247	57 hours + 30 days	18 hrs	37 weeks	19 days		19 days		<b>631</b>
Grand Total		760 hrs + <b>30 days</b>				37 weeks	38 days				742+18(IT) = <b>760 hrs</b> + <b>30 days</b>
Generic Topics on Medical Humanities: (i) Integrity and accountability of medical professionals (ii) Aspects of a good doctor will be taught within 3 <sup>rd</sup> phase.											3 hrs
Time for integrated teaching, examination preparatory leave and formative and summative assessment is common for all subjects of the phase											
Preventive aspects of all diseases will be given due importance in teaching learning considering public health context of the country and others parts of the world.											
Related behavioral, professional & ethical issues will be discussed in all clinical and other teaching learning sessions											

### 4<sup>th</sup> Phase : Hour Distribution

Subject		Lecture (in hours)	Small group teaching (in hours)	Departmental integrated teaching (in hours)	Common hours for phase integrated teaching	Clinical teaching (in weeks)	Block posting (in weeks)	Formative Exam		Summati ve exam		Total (in hours)
			PBL, Practical demonstration, Instrumental demonstration, Skill lab, Demonstration on equipment, Demonstration on common clinical procedure, Tutorial & etc.					Preparatory leave	Exam time	Preparatory leave	Exam time	
Teaching-learning, both formative & summative assessment	Medicine & Allied subjects	153	199	20	126	24	4	Preparatory leave 10 days	Exam time 15days	Preparatory leave 10 days	Exam time 30days	372
	Surgery & Allied subjects	186	134	22		24	4					342
	Obstetrics and Gynaecology	60	58	20		08	4					138
Total		399	391	62	126	56wks	12 wks	25 days		40 days		852
Grand Total		978 hours				68 wks		65 days				852+126 (IT)=978
Generic Topics on Medical Humanities: (i) Medical professionalism, (ii) Inter-professionalism & (iii) Patient Safety & Medical Error will be taught within 4 <sup>th</sup> phase.												5 hrs
Time for integrated teaching, examination preparatory leave and formative and summative assessment is common for all subjects of the phase												
Preventive aspects of all diseases will be given due importance in teaching learning considering public health context of the country and others parts of the world.												
Related behavioral, professional & ethical issues will be discussed in all clinical and other teaching learning sessions												

<b>Generic Topics on Medical Humanities for Internship Period:</b> (i) White coat ceremony, (ii) Career planning & (iii) Continuing Medical Education (CME), Continuing Professional Development (CPD) & Infection Control Practice (ICP)	10 hrs
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## Medicine & Allied Subjects: hour distribution in 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> phases in details

Subject	Lecture (in hours)				Small group teaching (in hours)	Departmental integrated teaching (in hours)	Phase integrated teaching (in hours)	Clinical/Bedside teaching (in weeks)			Total weeks	Block posting (in weeks)	Formative examination (in days)		Summative examination (in days)	
	2 <sup>nd</sup> Phase	3 <sup>rd</sup> Phase	4 <sup>th</sup> Phase	Total				2 <sup>nd</sup> Phase	3 <sup>rd</sup> Phase	4 <sup>th</sup> Phase			25 days	40 days		
Internal medicine	22	25	90	137	199 hours	(10 topics ×2 hours) = 20 hours	(42 topics × 3 hours) = 126 hours	14	06+ 2 (OPD)	12	34	04 wks	Preparatory leave-10 days	Exam time-15days	Preparatory leave-10 days	Exam time-30days
Psychiatry	02	-	18	20				-	02	03	05					
Dermatology	-	-	17	17				-	02	03	05					
Pediatrics	04	20	22	46				04	-	06	10					
Transfusion medicine	-	03	-	03				01	-	-	01					
Physical Medicine	-	-	04	04				02	-	-	02					
Nuclear Medicine	-	-	02	02				-	-	-	-					
Emergency	-	-	-	-				-	02	-	02					
Total	28	48	153	229	199	20	126 hours	21	14	24	59	04 wks	25 days		40 days	
Grand Total	448 hours					126 hours		63 weeks					65 days			
Time for integrated teaching, examination preparatory leave and formative & summative assessment is common for all subjects of the phase																
Preventive aspects of all diseases will be given due importance in teaching learning considering public health context of the country and others parts of the world.																
Related behavioral, professional & ethical issues will be discussed in all clinical and other teaching learning sessions																

## Medicine & Allied Subjects: hour distribution for Clinical/Bedside teaching in 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> phases in details

Subject	Clinical/Bedside & Ambulatory care teaching (in hours)						Total hours (in three phases)	Total weeks  {(2 <sup>nd</sup> phase wks + 3 <sup>rd</sup> phase wks + 4 <sup>th</sup> phase wks = Total three phases wks) × (6 days × 4 or 2 hours)}
	2 <sup>nd</sup> Phase		3 <sup>rd</sup> Phase		4 <sup>th</sup> Phase			
	Indoor clinical/ bedside teaching & Ambulatory care teaching		Indoor clinical/ bedside teaching & Ambulatory care teaching		Indoor clinical/ bedside teaching & Ambulatory care teaching			
	Morning	Evening	Morning	Evening	Morning	Evening		
	Indoor/ OPD/ Emergency/ Out reached center	Indoor/ Emergency	Indoor/ OPD/ Emergency/ Out reached center	Indoor/ Emergency	Indoor/ OPD/ Emergency/ Out reached center	Indoor/ Emergency		
	21 weeks		14 weeks		28 weeks			
Internal medicine	168 h (14w)	168 h (14w)	96 h (8w)	96 h (8w)	144 h (12w)	144 h (12w)	816 h	{ 14+(6+2)+12}= <b>34 w</b> × (6 days × 4 hrs)
Psychiatry	-	-	24 h (2w)	24 h (2w)	36 h (3w)	36 h (3w)	120 h	(0+2+3)= <b>05 w</b> × (6 days × 4 hrs)
Dermatology	-	-	24 h (2w)	24 h (2w)	36 h (3w)	36 h (3w)	120 h	(0+2+3)= <b>05 w</b> × (6 days × 4 hrs)
Pediatrics	48 h (4w)	48 h (4w)	-	-	72 h (6w)	72 h (6w)	240 h	(4+0+6)= <b>10 w</b> × (6 days × 4 hrs)
Transfusion medicine	12 h (1w)	-	-	-	-	-	12 h	(1+0+0) = <b>01 w</b> × (6 days × 2 hrs)
Physical Medicine	24 h (2w)	-	-	-	-	-	24 h	(2+0+0)= <b>02 w</b> × ( 6days × 2hrs)
Emergency	-	-	24 h (2w)	24 h (2w)	-	-	48 h	(0+2+0)= <b>02 w</b> × ( 6days × 4hrs)
Block posting	-	-	-	-	48 h (4w)	48 h (4w)	96 h	(0+0+4)= <b>04 w</b> × ( 6days × 4hrs)
Total	252 hrs	216 hrs	168 hrs	168 hrs	336 hrs	336 hrs	1476 hrs	63 weeks

## Surgery & Allied Subjects: Hour distribution in 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> phases in details

Subject	Lecture (in hours)				Small group teaching (in hours)	Departmental integrated teaching (in hours)	Phase integrated teaching (in hours)	Clinical/Bedside teaching (in weeks)			Total weeks	Block posting (in weeks)	Formative examination (in days)		Summative examination (in days)	
	2 <sup>nd</sup> Phase	3 <sup>rd</sup> Phase	4 <sup>th</sup> Phase	Total	PBL, Practical demonstration , Instrumental demonstration, Skill lab, Tutorial & etc.			2 <sup>nd</sup> Phase	3 <sup>rd</sup> Phase	4 <sup>th</sup> Phase			Preparatory leave-10 days	Exam time-15days	Preparatory leave-10 days	Exam time-30days
General surgery	35	30	60	125	134 hours	(11 topics × 2 hours) = 22 hours	(42 topics × 3 hours) = 126 hours	15	01	07	23	04 wks	Preparatory leave-10 days	Exam time-15days	Preparatory leave-10 days	Exam time-30days
Orthopaedic surgery	-	15	45	60				02	04	04	10					
Radiology	-	-	05	05				01	-	-	01					
Radiotherapy	-	-	08	08				-	01	-	01					
Anesthesia	-	10	-	10				01	-	-	01					
Neurosurgery	-	-	05	05				-	01	-	01					
Pediatric surgery	-	05	10	15				-	-	02	02					
Urology	-	05	10	15				-	-	02	02					
Burn & Plastic surgery/ Emergency & Casualty	-	-	05	05				-	-	01	01					
Dentistry	-	-	-	-				01			01					
Ophthalmology	-	38		38				-	04	04	08					
Otolaryngology	-	38		38				-	04	04	08					
Total	324				134	22	126 hrs	20	15	24	59 wks	04 wks	25 days		40 days	
Grand Total	480 hours						126 hrs	63 weeks					65 days			
Time for integrated teaching, examination preparatory leave and formative & summative assessment is common for all subjects of the phase																
Preventive aspects of all diseases will be given due importance in teaching learning considering public health context of the country and others parts of the world.																
Related behavioral, professional & ethical issues will be discussed in all clinical and other teaching learning sessions																

## Surgery & Allied Subjects: Hours distribution for Clinical/Bedside teaching in 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> phases in details

Subject	Clinical/Bedside & Ambulatory care teaching (in hours)						Total hours (in three phases)	Total weeks  {(2 <sup>nd</sup> phase wks + 3 <sup>rd</sup> phase wks + 4 <sup>th</sup> phase wks = Total three phases wks) × (6 days × 4 or 2 hours)}
	2 <sup>nd</sup> Phase		3 <sup>rd</sup> Phase		4 <sup>th</sup> Phase			
	Indoor clinical/ bedside teaching & Ambulatory care teaching		Indoor clinical/ bedside teaching & Ambulatory care teaching		Indoor clinical/ bedside teaching & Ambulatory care teaching			
	Morning	Evening	Morning	Evening	Morning	Evening		
	Indoor/ OPD/ Emergency & Casualty	Indoor/ Emergency & Casualty	Indoor/ OPD/ Emergency & Casualty	Indoor/ Emergency & Casualty	Indoor/ OPD/ Emergency & Casualty	Indoor/ Emergency & Casualty		
	20 weeks		15 weeks		28 weeks			
General surgery	180 h (15w)	180 h (15w)	12 h (1w)	12 h (1w)	84 h (7w)	84 h (7w)	552 h	(15+01+07) = <b>23 w</b> × (6 days × 4 hrs)
Orthopaedic surgery	24 h (2w)	24 h (2w)	48 h (4w)	48 h (4w)	48 h (4w)	48 h (4w)	240 h	(2+4+4) = <b>10 w</b> × (6 days × 4 hrs)
Radiology	12 h (1w)	-	-	-	-	-	12 h	(1+0+0) = <b>01 w</b> × (6 days × 2 hrs)
Radiotherapy	-	-	12 h (1w)	-	-	-	12 h	(0+1+0) = <b>01 w</b> × (6 days × 2 hrs)
Anesthesia	12 h (1w)	12 h (1w)	-	-	-	-	24 h	(1+0+0) = <b>01 w</b> × (6 days × 4 hrs)
Neurosurgery	-	-	12 h (1w)	12 h (1w)	-	-	24 h	(0+1+0) = <b>01 w</b> × (6 days × 4 hrs)
Pediatric surgery	-	-	-	-	24 h (2w)	24 h (2w)	48 h	(0+0+2) = <b>02 w</b> × (6 days × 4 hrs)
Urology	-	-	-	-	24 h (2w)	24 h (2w)	48 h	(0+0+2) = <b>02 w</b> × (6 days × 4 hrs)
Burn & Plastic surgery/ Emergency & Casualty	-	-	-	-	12 h (1w)	12 h (1w)	24 h	(0+0+1) = <b>01 w</b> × (6 days × 4 hrs)
Dentistry	12 h (1w)	-	-	-	-	-	12 h	(1+0+0) = <b>01 w</b> × (6 days × 2 hrs)
Ophthalmology	-	-	48 h (4w)	48 h (4w)	48 h (4w)	48 h (4w)	192 h	(0+4+4) = <b>08 w</b> × (6 days × 4 hrs)
Otolaryngology	-	-	48 h (4w)	48 h (4w)	48 h (4w)	48 h (4w)	192 h	(0+4+4) = <b>08 w</b> × (6 days × 4 hrs)
Block posting	-	-	-	-	48 h (4w)	48 h (4w)	96 h	(0+0+4)= <b>04 w</b> × ( 6days × 4hrs)
Total	240 hrs	216 hrs	180 hrs	168 hrs	336 hrs	336 hrs	1476 hrs	63 weeks



## Obstetrics & Gynaecology: Hours distribution in 3<sup>rd</sup> & 4<sup>th</sup> phases in details

Lecture (in hours)				Small group teaching (in hours)	Departmental integrated teaching (in hours)	Phase integrated teaching (in hours)	Clinical/Bedside teaching (in weeks)		Block posting (in weeks)	Formative examination (in days)		Summative examination (in days)	
	3 <sup>rd</sup> Phase	4 <sup>th</sup> Phase	Total	PBL, Practical demonstration , Instrumental demonstration, Skill lab, Tutorial & etc.			3 <sup>rd</sup> Phase	4 <sup>th</sup> Phase		Preparatory leave 10 days	Exam time 15 days	Preparatory leave 10 days	Exam time 15 days
							8wks	8wks					
Total	30	60	90	58 hours	(10 topics × 2 hours) = 20 hours	(42 topics × 3 hours) = 126 hours	16 weeks		04 wks	25 days		40 days	
Grand Total	168 hours					126 hours	20 weeks			65 days			
Time for integrated teaching, examination preparatory leave and formative & summative assessment is common for all subjects of the phase													
Preventive aspects of all diseases will be given due importance in teaching learning considering public health context of the country and others parts of the world.													
Related behavioral, professional & ethical issues will be discussed in all clinical and other teaching learning sessions													

## Obstetrics & Gynaecology: Hours distribution for Clinical/Bedside teaching in 3<sup>rd</sup> & 4<sup>th</sup> phases in details

Subject	Clinical/Bedside & Ambulatory care teaching (in hours)						Total hours (in three phases)	Total weeks  {(2 <sup>nd</sup> phase wks + 3 <sup>rd</sup> phase wks + 4 <sup>th</sup> phase wks = Total three phases wks) ×(6 days× 4 or 7 hours)}
	2 <sup>nd</sup> Phase		3 <sup>rd</sup> Phase		4 <sup>th</sup> Phase			
	Indoor clinical/ bedside teaching & Ambulatory care teaching		Indoor clinical/ bedside teaching & Ambulatory care teaching		Indoor clinical/ bedside teaching & Ambulatory care teaching			
	Morning	Evening	Morning	Evening	Morning	Evening		
	Indoor/ OPD/ Emergency/ Out reached center	Indoor/ Emergency	Indoor/ OPD/ Emergency/ Out reached center	Indoor/ Emergency	Indoor/ OPD/ Emergency/ Out reached center	Indoor/ Emergency		
			8 weeks		12 weeks			
Basic Clinical Skills (in-patient)	-	-	48 h (4w)	48 h (4w)	-	-	96 h	(0+4+0)= <b>04 w</b> × (6 days × 4 hrs)
Family Planning Clinic	-	-	24 h (2w)	24 h (2w)	-	-	48 h	(0+2+0)= <b>02 w</b> × (6 days × 4 hrs)
Gynae & Antenatal Out-patient Clinic	-	-	24 h (2w)	24 h (2w)	-	-	48 h	(0+2+0)= <b>02 w</b> × (6 days × 4 hrs)
Routine Obstetrics	-	-	-	-	36 h (3w)	36 h (3w)	72 h	(0+0+3)= <b>03 w</b> × (6 days × 4 hrs)
Routine Gynaecology	-	-	-	-	36 h (3w)	36 h (3w)	72 h	(0+0+3)= <b>03 w</b> × (6 days × 4 hrs)
Emergency Obstetric Care E.O.C (Labour Room)	-	-	-	-	24 h (2w)	60 h (2w)	84 h	(0+0+2)= <b>02 w</b> × (6 days × 7 hrs)
Block posting	-	-	-	-	48 h (4w)	48 h (4w)	96 h	(0+0+4)= <b>04 w</b> × ( 6days × 4hrs)
Total	-	-	96 hrs	96 hrs	144 hrs	180 hrs	516 hrs	24 weeks

## 8. Teaching & learning methods

The following teaching and learning methods will be followed:

Large Group Teaching:

- Lecture
- Seminar

Integrated teaching : 102 topics

- Phase I : 12 topics
- Phase II: 7 topics
- Phase III: 10 topics
- Phase IV: Common 42 topics + Departmental 31 topics = 73 topics  
- (*Departmental topics Medicine 10 topics + Surgery 11 topics + Gynae & Obs 10 topics*)

Small Group Teaching:

- Problem Based Learning (PBL)
- Tutorial
- Demonstration
- Students interaction

Practical session:

- Use of practical manual
- Performing the task/examination by the student
- Writing the practical note book

Field Placement (Community based medical education):

- In small groups for performing activities by the student themselves

Clinical teaching:

- In ward, OPD, ED, ambulatory care teaching, OT, POW, ICU, etc.
- By concerned persons

NB: Ambulatory care teaching, there should be a ratio of 1:4 (25% ambulatory care teaching and 75% indoor teaching).

Encourage to learn ICT through computer lab of the college.

## 9. Assessment:

- A. There will be in-course/formative (item/card/term) and end-course/summative (professional) assessment for the students in each phase (1st, 2<sup>nd</sup>, 3rd & 4<sup>th</sup> phase) of the course i.e. formative and professional examination.
- B. Formative assessment will be done through results of items, card and term ending examination, weightage from integrated teaching & class attendance.
- C. For formative assessment, 10% marks of written examination of each paper of each subject is allocated
- D. In written examination for MCQ of each paper, 20% marks are allocated. Out of that Single based answer (SBA) type of MCQ will be 50% and Multiple true false (MTF) type of MCQ 50% in formative and summative assessment of all subjects of MBBS course. There will be separate answer script for MCQ part of examination. Total number of MCQ will be 20 for 20 marks out of which 10marks for SBA and 10marks for MTF.

- E. Short Answer Question (SAQ) and Structured Essay Question (SEQ) will be in written examination of each paper, 70% marks are allocated. Out of 70 marks Structured essay question (SEQ) will be around 25% along with short answer question (SAQ) around 75% in formative and summative assessment of all subjects of MBBS course
- F. Oral part of the examination will be Structured Oral examination (SOE)
- G. OSPE/OSCE will be used for assessing skills/competencies. Traditional long & short cases will be also used for clinical assessment
- H. There will be phase final professional examination within the each academic phase.
- I. Results will be published as per following GPA system with the provision of reflection of marks in the academic transcript

Numerical Grade	Letter Grade	Grade Point
80% and above	A <sup>+</sup>	4.00
75% to less than 80%	A	3.75
70% to less than 75%	A <sup>-</sup>	3.50
65% to less than 70%	B <sup>+</sup>	3.25
60% to less than 65%	B	3.00
Less than 60%	F	0.00

**J. Eligibility for appearing in the professional examination:**

- Certificate from the respective head of departments regarding students obtaining at least 75% attendance in all classes (theory, practical, tutorial, residential field practice, clinical placement etc.) during the phase.
- Obtaining at least 60% marks in formative examinations.
- No student shall be allowed to appear in the professional examinations unless the student passes in all the subjects of the previous professional examinations

**K. Pass Marks:**

Pass marks is 60%. Student shall have to pass written (SBA & MTF-MCQ +SEQ+ SAQ + formative), oral, practical and clinical examination separately.

## **L. Examinations & distribution of marks:**

### **First Professional Examination**

<b>Subjects</b>	<b>Written Exam marks</b>	<b>Structured Oral Exam marks</b>	<b>Practical Exam marks</b>	<b>Formative Exam marks</b>	<b>Total Marks</b>
Anatomy	180	150	150	20	500
Physiology	180	100	100	20	400
Biochemistry	180	100	100	20	400
Total					1300

### **Second Professional Examination**

<b>Subjects</b>	<b>Written Exam marks</b>	<b>Structured Oral Exam marks</b>	<b>Practical Exam marks</b>	<b>Formative Exam marks</b>	<b>Total Marks</b>
Pharmacology & Therapeutics	90	100	100	10	300
Forensic Medicine & Toxicology	90	100	100	10	300
Total					600

### **Third Professional Examination**

<b>Subjects</b>	<b>Written Exam marks</b>	<b>Structured Oral Exam marks</b>	<b>Practical Exam marks</b>	<b>Formative Exam marks</b>	<b>Total Marks</b>
Community Medicine & Public Health	90	100	100	10	300
Pathology	90	100	100	10	300
Microbiology	90	100	100	10	300
Total					900

### **Fourth Professional Examination**

<b>Subjects</b>	<b>Written Exam marks</b>	<b>Structured Oral Exam marks</b>	<b>Clinical</b>	<b>Practical</b>	<b>Formative Exam marks</b>	<b>Total Marks</b>
Medicine & Allied Subject	180	100	100	100	20	500
Surgery & Allied Subject	180	100	100	100	20	500
Obstetrics & Gynecology	180	100	100	100	20	500
Total						1500

#### **M. Common Rules for Examinations**

- a) University professional MBBS examination will be started from May and November.
- b) University professional MBBS examinations will be completed within the specified time of the concerned phase
- c) No carry on system before passing 1<sup>st</sup> professional examination. Students who will appear first professional examination can attend the clinical class before publishing results of first professional examination. If any student fail any subject of first phase in the first professional examination he/she will not be able to continue clinical and other classes of second phase before passing first professional examination.
- d) After passing all the subjects of first professional MBBS examination, students can appear in Second professional MBBS examination if all other prerequisites for appearing in second professional examination are fulfilled as per curriculum.
- e) To appear in third professional MBBS examination students will have to pass all the subjects of the second professional MBBS examination and all other prerequisites for appearing in Third Professional MBBS examination must be fulfilled as per curriculum.
- f) To appear in 4<sup>th</sup> (final) professional MBBS examination students have to pass all the subjects of previous 3<sup>rd</sup> professional MBBS examination if all other prerequisites are fulfilled. In the mean time students can attend clinical ward placement, teaching learning.

#### **N. Few directives and consensus about the following issues of assessment:**

- i. Incase of OSPE/OSCE- Instruments/equipment's to be taken to oral boards to ask open questions to the students apart form Structured Oral Examination (SOE). There will be scope of instruments related viva, specially in clinical subjects and where applicable. Central OSPE/OSCE from Dean Office after moderation will be encouraged.
- ii. Incase of Structured Oral Examination (SOE), instead of preparing specific structured question, topics will be fixed considering wide range of contents coverage. Rating scale will be used for marking the students concurrently. Each student will be asked questions from all topics of the set. Equal or average duration of time will be set for every student.

#### **10. Internship :**

- I. After passing final professional MBBS examination students have to enroll for one year log book based mandatory rotatory internship programme. Internship programme will be more structured and supervised. It is compulsory to complete MBBS course & one year supervised internship programme to get permanent registration for doing independent practice.
- II. MBBS graduates must join internship within one month after passing the final professional MBBS examination. Exception can be considered based on the only valid personal medical ground upon approval of the Director of the Medical College Hospital;
- III. Within one year (12 months) of internship period 11 months at respective medical college hospital and one month at Upazila Health Complex (UHC)/field level.
- IV. Timeline of completion of internship will be two years once after joining internship. i.e. it must be completed within two years from the starting date. Exception can be considered based on the only valid personal medical ground upon approval of the Principal of respective Medical College and Director of Medical College Hospital;