

Assessment blueprint of year-4 blocks

The year-4 will be assessed in 4 blocks

- 1) Block-1 (Neurosciences-2 module) will be assessed in paper-J
- 2) Block-2 (GIT and hepatobiliary module) will be assessed in paper-K
- 3) Block-3 (Renal-2, and Endocrine and Reproduction-2 modules) will be assessed in paper-L
- 4) Block-4 (ENT and EYE modules) will be assessed in paper-M
- 5) Each written paper consists of 120 MCQs
- 6) Internal assessment will be added to final marks in KMU as shown in table-3
- 7) In OSPE, each station will be allotted 6 marks, and a total of 120 (+10% marks of internal assessment) marks are allocated for each OSPE/OSCE examination

Practical assessment will be in the form of OSPE/OSCE which will also include embedded viva stations. The details of each section are given in the tables below.

Calculating the number of items for written and practical assessment

MCQs are allotted based on the hours given to the topics and learning objectives being covered in a specific module/block. The following formula is being used for determining the number of items in a written paper;

Step-1:

Formula for allocating total MCQs to a module

Number of MCQs in one module= (total module hours ÷ total block hours) x total number of MCQs (i.e., 120)

Step-2:

Formula for allocating MCQs to individual subject in a module

Number of MCQs for a subject= (total subject hours ÷ total module hours) x total No. of MCQ for that module

Formula for calculating OSPE/OSCE stations for individual disciplines

No. of OSPE stations for a subject= (no. of Practicals in a subject ÷ total practical in a block) x total OSPE stations available (i.e., 12)

Paper-J (Neurosciences-2)

Table-1: MCQs

Subject	Total MCQs
Pharmacology	20
Pathology	22
Forensic medicine	18
Community medicine	27
PRIME	02
Medicine	11
Psychiatry	09
Neurosurgery	02
Pediatrics	05
Anaesthesia	03
Family medicine	01
Total	120

Table-2: OSPE

Subject	Viva stations	Total OSPE/OSCE stations	Total stations
Pharmacology	2	3	5
Pathology	2	2	4
Forensic medicine	2	2	4
Community medicine	2	3	5
Medicine (neurological examination)	X	1	1
Psychiatry (counselling)	x	1	1
Total	8	12	20

* A minimum of 20 stations will be used in final exams. Total marks will be 120 (6 marks for each station).

Paper-K (GIT and Hepatobiliary-2 module)

Table-3:

Subject	Total MCQs
Pharmacology	16
Pathology	41
Forensic medicine	16
Community medicine	18
PRIME	01
Medicine	11
Surgery	12
Pediatrics	03
Family medicine	02
Total	120

Table-4: OSPE

Subject	Viva stations	OSPE/OSCE stations	Total
Pharmacology	2	2	4
Pathology	2	2	4
Forensic medicine	2	2	4
Community medicine	2	4	6
Medicine (GIT examination)	x	1	1
Surgery (GIT/local examination)	x	1	1
Total	8	12	20

* A minimum of 20 stations will be used in final exams. Total marks will be 120 (6 marks for each station).

Paper-L (Renal-2, and Endocrine and Reproduction-2 modules)

Table-5: MCQs

Subject	Renal-2	Endocrine and Reproduction-2	Total MCQs
Community medicine	11	6	17
Pharmacology	02	07	09
Pathology	11	12	23
Forensic medicine	01	06	07
Surgery	06	03	09
Gynaecology	01	39	40
Medicine	05	05	10
Pediatrics	02	01	03
Family medicine	01	01	02
Total	40	80	120

Table-6: OSPE

Subject	Viva stations	OSPE/OSCE stations	Total
Pharmacology	2	1	3
Pathology	2	2	4
Forensic medicine	2	1	3
Community medicine	2	4	8
Research viva	2**	x	
Gynecology	1	2	3
Medicine (Endocrinology/DM)	0	1	1
Total	11	11	22

* A minimum of 22 stations will be used in final exams. The total marks will be 120 (6 marks for each station).

**there will be 2 allocated stations for research viva (one internal and one external) at one time for which the number of marks for each station will be 10 (with a total of 20 marks) allocated for research viva plus 15 marks for conducting research). A total of 35 marks have been allocated for the thesis (research project).

Paper-M (ENT and EYE module)**Table-7: MCQs**

Subject	Total MCQs
ENT	60
EYE	60
Total	120

Table-8: OSCE

Subject	Total OSCE stations
ENT	10
EYE	10
Total	20

A minimum of 20 stations will be used in final exams. Total marks will be 120 (6 marks for each station).

Table-9: total weightage of individual subjects in year 4

Subject	Total MCQs	Percentage	Total OSPE/OSCE	Total Viva stations
Pharmacology	45	9.37	6	6
Pathology	86	17.92	6	6
Forensic medicine	41	8.54	5	6
Community medicine	62	12.92	11	8
ENT	60	12.5	10	0
Eye	60	12.5	10	0
PRIME	2	0.4	0	0
Research	00	0	0	2
Medicine	32	6.6	3	0
Surgery and Allied	27	5.4	1	0
Gynaecology	40	8.3	2	1
Pediatrics	11	2.3	0	0
Psychiatry	09	1.8	1	0
Family medicine	5	1.4	0	0
Total	480	100	55	29

Table-10: total marks distribution for all papers of year-4 (MBBS)

Year 4 Professional Exam in System-based Curriculum						
Theory paper	Modules	Theory marks	Internal assessment theory (10%)	OSPE/OSPE	Internal assessment OSPE/OSPE (10%)	TOTAL MARKS
Paper J	Neurosciences-2	120	13	120	13	266
Paper K	GIT-2	120	13	120	13	266
Paper L	Renal-2 and Endocrine and Reproduction	120	14	120	13	267
Paper M	ENT and EYE	120	13	120	13	266
Research*				20	15	35
TOTAL MARKS		480	53	500	67	1100

*research viva of 20 marks will be conducted in paper-L. However, the rest of 15 marks will be decided by the concerned department internally for the contribution of the students in research project/thesis.