



ASSESSMENT BLUEPRINT

2nd YEAR BDS

1. Introduction

This assessment blueprint aims to provide teachers, students, and examiners with a comprehensive understanding of the evaluation structure for the 2nd Year BDS, encompassing both theoretical and practical components.

The assessment is divided into three blocks/papers (D, E F & G), each focusing on specific modules as given in Table 1. The Table 2-13 shows the distribution of MCQs and OSPEs/OSCEs for Paper-D, E, F & G respectively.

2. Theory Papers

- Each theory paper consists of 120 MCQs, complemented by an additional 10% marks of internal assessment.
- Internal assessment marks will be incorporated into the final grading in KMU exam.

3. Practical Assessment (OSPE/OSCE)

- Each OSPE/OSCE examination consists of a total of 120 marks, with an additional 10% marks from internal assessment.
- Internal assessment marks will be incorporated into the final grading in KMU exam.
- Practical assessment is conducted in the form of OSPE/OSCE to evaluate students' practical skills and clinical knowledge.

Table 1: 2nd Year BDS Assessment Plan

Theory Paper	Modules	Theory Marks	Internal Assessment Theory Marks (10%)	OSPE/OSCE Marks	Internal Assessment OSPE/OSPE Marks (10%)	Total Marks
Paper D	Foundation -2	120	13	120	13	266
Paper E	Inflammation, infection & auxiliary materials	120	13	120	13	266
Paper F	Pre-Clinical I	120	13	120	13	266
Paper G	Pre-Clinical II	120	13	120	13	266
Total Marks		480	52	480	52	1064

Table 2: Paper-D (Foundation -2) MCQs Distribution

SNo	Subject	Total MCQs
1	Chemistry of Dental Materials	30
2	Physiology	02
3	General Pathology & Microbiology	14
4	Pharmacology	22
5	Oral Pathology	01
6	Community & Preventive Dentistry	27
7	Pre-Clinical Operative Dentistry	06
8	Pre-Clinical Prosthodontics	08
9	General Medicine	01
10	Oral Medicine	01
11	PRIME	08
Total		120

Table 3: Paper-D (Foundation - 2) OSPEs/OSCEs Distribution

SNo	Subject	OSPE/OSCE	Viva Stations
1	Chemistry of Dental Materials	03	01
2	Pharmacology	01	01
3	General Pathology & Microbiology	01	01
4	Community & Preventive Dentistry	02	
5	Pre-Clinical Operative Dentistry	02	-
6	Pre-Clinical Prosthodontics	02	-
7	PRIME	01	-
Total		15	

*A minimum of 15 stations will be used in final exam.
Total marks will be 120 (Each station will be comprised of 8 marks).

Table 4: Paper-D Pre-Clinical Operative Dentistry & Pre-Clinical Prosthodontics Content Distribution for OSCEs/OSPEs

Pre-Clinical Operative Dentistry	Pre-Clinical Prosthodontics
Equipment	Junior Prosthodontics
Instruments	Armamentarium
Patient and operator positions	Complete denture
Cross infection control	Impressions in complete denture
	Casts in complete denture
	Denture bearing areas
*Logbooks will be followed for OSPE/OSCE of Pre-Clinical Prosthodontics and Pre-Clinical Operative Dentistry	

**Table 5: Paper-E (Inflammation, Infection & Auxiliary Materials)
MCQs Distribution**

SNo	Subject	Total MCQs
1	General Pathology & Microbiology	24
2	Physiology	01
3	Pharmacology	25
4	Chemistry of Dental Materials	15
5	Community & Preventive Dentistry	16
6	Periodontology	7
7	Oral Pathology	12
8	Oral Medicine	11
9	Pre-Clinical Operative Dentistry	03
10	Pre-Clinical Prosthodontics	03
11	PRIME	03
Total		120

**Table 6: Paper-E (Inflammation, Infection & Auxiliary Materials)
OSPEs/OSCEs Distribution**

SNo	Subject	OSPE/O SCE	Viva Stations
1	General Pathology	02	01
2	Pharmacology	01	-
3	Chemistry of Dental Materials	04	01
4	Oral Pathology	01	-
5	Pre-Clinical Operative Dentistry	03	-
6	Pre-Clinical Prosthodontics	04	-
7	Community & Preventive Dentistry	01	01
8	PRIME	01	
Total		20	

*A minimum of 20 stations will be used in final exam.

Total marks will be 120 (Each station will be comprised of 6 marks).

**Table 7: Paper-E Pre-Clinical Operative Dentistry & Pre-Clinical Prosthodontics
Content Distribution for OSCEs/OSPEs**

Pre-Clinical Operative Dentistry	Pre-Clinical Prosthodontics
Isolation	Fabrication of custom trays
Class 1 amalgam	Denture base plates
	Fabrication of wax occlusal rims
*Logbooks will be followed for OSPE/OSCE of Pre-Clinical Prosthodontics and Pre-Clinical Operative Dentistry	

Table 8: Paper-F (Pre-Clinical Dentistry-I) MCQs Distribution

SNo	Subject	Total MCQs
1	General Pathology & Microbiology	18
2	Pharmacology	15
3	Chemistry of Dental Materials	35
4	Community & Preventive Dentistry	29
5	Oral Pathology	7
6	Oral Biology	2
7	Oral Medicine	2
8	Pre-Clinical Operative Dentistry	3
9	Pre-Clinical Prosthodontics	3
10	Paediatric Dentistry	3
11	PRIME	3
Total		120

Table 9: Paper-F (Pre-Clinical Dentistry-I) OSPEs/OSCEs Distribution

SNo	Subject	OSPE/O SCE	Viva Stations
1	General Pathology & Microbiology	03	01
2	Pharmacology	02	01
3	Community & Preventive Dentistry	02	01
4	Chemistry of Dental Materials	03	01
5	Pre-Clinical Operative Dentistry	02	-
6	Pre-Clinical Prosthodontics	02	-
7	PRIME	02	-
Total		20	

*A minimum of 20 stations will be used in final exam.
Total marks will be 120 (Each station will be comprised of 6 marks).

Table 10: Paper-F Pre-Clinical Operative Dentistry & Pre-Clinical Prosthodontics Content Distribution for OSCEs/OSPEs

Pre-Clinical Operative Dentistry	Pre-Clinical Prosthodontics
Class II amalgam in pre-molars and molars	Maxillo mandibular relation
	Articulators and articulation
	Anterior teeth set up
*Logbooks will be followed for OSPE/OSCE of Pre-Clinical Prosthodontics and Pre-Clinical Operative Dentistry	

Table 11: Paper-G (Pre-Clinical Dentistry-II) MCQs Distribution

SNo	Subject	Total MCQs
1	General Pathology & Microbiology	47
2	Pharmacology	15
3	Chemistry of Dental Materials	30
4	Community & Preventive Dentistry	11
5	Oral Pathology	4
6	Periodontology	2
7	Oral Medicine	2
8	Physiology	2
9	Pre-Clinical Prosthodontics	5
10	PRIME	2
Total		120

Table 12: Paper-G (Pre-Clinical Dentistry-II) OSPEs/OSCEs Distribution

SNo	Subject	OSPE/O SCE	Viva Stations
1	General Pathology & Microbiology	05	01
2	Pharmacology	01	01
3	Community & Preventive Dentistry	01	01
4	Chemistry of Dental Materials	03	01
5	Pre-Clinical Operative Dentistry	2	-
6	Pre-Clinical Prosthodontics	2	-
7	PRIME	2	-
Total		20	

*A minimum of 20 stations will be used in final exam.
Total marks will be 120 (Each station will be comprised of 6 marks).

Table 13: Paper-G Pre-Clinical Operative Dentistry & Pre-Clinical Prosthodontics Content Distribution for OSCEs/OSPEs

Pre-Clinical Operative Dentistry	Pre-Clinical Prosthodontics
Class 1 and class 2 composite	Tooth Set-up and guidelines, Wax-up
	Laboratory procedures
	Final finishing and polishing
*Logbooks will be followed for OSPE/OSCE of Pre-Clinical Prosthodontics and Pre-Clinical Operative Dentistry	