

## A. Theory

### Distribution of marks

(Paper-I) SEQ's

(Paper-II) MCQ's

Subjects	Questions	Subjects	Questions
1 Applied Anatomy	1	Anatomy	5
2 Applied Physiology	1	Physiology	7
3 Applied Biochemistry	1	Biochemistry	6
4 Behavioural Sciences	1	Behavioural Sciences	10
5 Pathology	1	Pathology	10
6 Clinical Pharmacology	1	Forensic Medicine & Taxicology	3
7 Community Medicine	1	Clinical Pharmacology	7
8 Obst & Gynae	2	Community Medicine	10
9 ENT	1	Obst & Gynae	15
10 Eye	1	E.N.T	5
11 Psychiatry	1	Eye	5
12 Dermatology	1	Psychiatry	3
13 Medicine & Allied	5	Dermatology	2
14 Surgery & Allied	5	Medicine & Allied	26
15 Paediatrics	2	Surgery & Allied	26
		Paediatrics	10
Total	25	Total	150

## B. Clinical Examination

Distribution of Stations.

Medicine & Allied	3
Surgery & Allied	3
Eye	1
E.N.T	1
Obst & Gynae	2
Paediatrics	2
Psychiatry / Behavioural Sciences	1
Xray, ECG Specimen	1
Dermatology	1
Total Station	15

### Distribution of Marks

Theory

150 MCQ = 1 Mark each	150
25 SEQ's = 6 Marks each	150
Total	300
Grand Total = Theory + Clinical = 300 + 300 = 600	

Clinical

Clinical OSCE/OSPE	
15 station X 20 = 300	
Total	300

## Table Of Specification- Paper I&II

### 1. Anatomy:

SEQ - 1  
MCQ - 5

Histology	1
Embryology	1
Neuroanatomy	1
Gross anatomy	2

### 2. Physiology

SEQ - 1  
MCQs - 7

Blood RBCs+WBCs+Immunity	1
Hemostasis+Blood Groups	1
CVS	1
Re	1
GIT	1
Renal/body fluids/ Endo	1
NS (Sensory system/Motor system)	1

### 3. Clinical Pharmacology:

SEQ - 1  
MCQs - 7

Antibacterials	1
Antifungals, antivirals, antiparasitic agents	1
CVS	1
GIT	1
CNS	1
Resp	1
Endocrines and Diabetes	1

### 4. Biochemistry

SEQ - 1  
MCQs - 6

Carbohydrate, Lipid and Protein Metabolism:	3 (one from each)
Enzymes:	1
Vitamins:	1
Molecular Biology:	1

## **5. Pathology**

SEQ- 1  
MCQs- 10

Gen Path	1
Parasitology	1
Microbiology	1
Virology	1
CVS, Resp, GIT and Liver/GU.	4 (One Each)
Chemical Path	1
Hematology	1

## **6. Forensic Medicine**

SEQ - Nil  
MCQs - 3

Medical Law	1
Traumatology	1
Poisoning	1

## **7. Community Medicine**

SEQ - 1  
MCQs-10

Maternal and Child Health	1
Primary Health Care	1
Demography	1
Bio statistics	1
Epidemiology	1
Communicable Diseases	1
Non Communicable Disease	1
Environment	1
Immunology	1
Occupational Health and related problems	1

## **8. Behavioural Sciences**

SEQ - 1  
MCQs-10

1. Use of Biopsychosocial Model in medical and dental practice
2. Communication skills, counseling and informational care in health settings
3. Psychological Growth and development of personality

4. Psychological Reactions to hospitalization, illness, common health settings such as emergency, intensive care, coronary care and cancer units
5. Influence of stress and psychosocial factors on common medical, reproductive health and surgical conditions and chronic pain, sleep disturbances and their non-pharmacological managements
6. Common psychiatric and psychosocial morbidities such as depressive and anxiety reactions, somatisation, dissociation, and sick-role and their management at primary care level
7. Ethics and ethical dilemmas in the life of a doctor

## **9. Medicine**

SEQs - 5  
MCQs - 26

	SEQs	MCQs
CVS	1	3
Resp System		3
CNS	1	3
Rheumatology		2
GIT	1	2
Liver and		2
Pancreas		1
Infection	1	2
Hematology&		2
Oncology		
Nephrology		2
Endocrine system		1
Diabetes Mellitus	1	1
Metabolic diseases		1
Genetic disorders		1



## **10. Surgery**

SEQ -5  
MCQs-26

Acute Appendicitis, Acute Cholecystitis/Gallstones,	1
Perforated Duodenal, Ulcer, Haemetemesis	1
Goitre(MNG,Hypo-Hyper-Thyroidism and Cancer of Thyroid)	1
Breast Lump(Benign/Malignant and Nipple discharge).	1
ABC of Trauma, Chest Trauma, Abdominal Trauma,	1
Fracture Bones with Bleeding Vessels, Haematuria.	1
Obstructive Jaundice, Hepatitis/AIDS patient Surgical Management	1

### **MCQ**

Acute Appendicitis	1
Inguinal Hernia/Paraumbilical Hernia	1
Acute Cholecystitis/Gallstones	1
Acute Pancreatitis	1
Perforated Duodenal Ulcer	1
Pyloric Stenosis	1
Haemetemesis	1
Abdominal TB	1
Inflammatory Bowel disease(UC/Crohn's)	1
CA colon/Stomch	1
Goitre(MNG,Hypo-Hyper-Thyroidism)	1
Bleeding PR	1
Breast Lump(Benign/Malignant)	1
Obstructive Jaundice	1
Hepatitis/AIDS patient Surgical Management	1
Chest Trauma	1
Abdominal Trauma	1
Fracture Bones with Bleeding Vessels	1
Cut down/IV cannula complications	1
Malignant Melanoma	1
CVP Indications/Complications	1
Prostate Hypertrophy/Cancer	1
Ureteric/Bladder Stones	1
Haematuria	1
Torsion testis/Epididymorchitis	1
CA Testis	1

## **1. Obst and Gynae**

SEQ -2 (one Obstetrics, one Gynae)  
MCQs-15

MCQ	
Antenatal care	1
Prenatal diagnosis	1
Abnormal presentation	1
Medical disorders in pregnancy	1
Normal labour / Preterm labour	1
Ante Partum haemorrhage	1
Post partum haemorrhage	1
Puerperal infection	1
Ultra sound in obstetrics and gyane	1
Menstrual disorders/ DUB(Dysfunctional Uterine Bleeding)	1
Infections of the genital tract	1
Ectopic pregnancy	1
Miscarriages	1
Displacement of Uterus	1
Tumors of the genital tract	1

## **12. Paeds**

SEQ - 2  
MCQs-10

SEQ 1. Neonatal Problems  
2. Diarrhoea , ARI, Malnutrition Tropical Paediatrics

### **MCQs**

Growth and development in infancy and childhood	1
Paediatric Gastroenterology/Hepatology	1
Genetics/Metabolic problems	1
Paediatric Nephrology	1
Paediatric Haematology/Oncology	1
Paediatric Cardiology	1
Paediatric Endocrinology/Immune deficiency disorders	1
Paediatric Pulmonology	1
Paediatric CNS/Neuromuscular disorders	1
Paediatric Emergencies/Paediatric surgery	1

### 13. E.N.T

SEQ 1  
MCQs-5

Ear(Deafness, Vertigo, Ac SOM, Ch.SOM, , Complications of otitis Media, Secretory OM	1
Nose(Rhinosinusitis, DNS, Epistaxis, Nasal Polyp, Allergic Rhinitis, Trauma Nose)	1
Throat (Dysphagia, Infection of Pharynx Larynx, Hoarseness, Obstructed Airway, Foreign bodies/Air food passage	2
Head and Neck tumours (Acoustic Neuroma, Nasopharyngeal Fibroma, CA Larynx	1

### 14. Ophthalmology

SEQ 1  
MCQs-5

Cataract (Classification, Senile cataract, congenital cataract, Surgeries and Complications of cataract surgery)	1
Glaucoma (Classification, Primary Open Angle Glaucoma, Acute Angle Closure Glaucoma, Management, Anti Glaucoma Drugs)	1
Retina (Diabetic Retinopathy, Retinal Detachment, Age related Macular Degeneration)	1
Ocular Trauma (Classification, emergency management)	
Squint (classification, management)	
Refractive errors (Myopia, Hypermetropia, Presbiopia)	2
Red Eye (Corneal ulcer, uveitis)	
Tumors ( Retinoblastoma)	2

### 15. Psychiatry

SEQ - 1  
MCQs-3

SEQ - 1 - from Detection and primary care management of Depression/ Acute Anxiety

3 MCQs – One from the following topics

1. Early detection and management of Depression and anxiety related disorders at primary care level and liaison settings
2. Management of Delirium and Epilepsy

3. Detection, acute management and appropriate referral of patients with psychosis and high violence and suicide risk.

## **16. Dermatology**

SEQ -1

MCQs-2

Infections & infestations (bacterial, viral, fungal, sexually transmitted diseases, pediculosis, leishmaniasis)

1

Eczema, Papulosquamous disorders (psoriasis, lichen planus, pityriasis rosea)

Acne, Collagen vascular disorders (SLE, dermatomyositis, systemic sclerosis.

1



**Pakistan Medical & Dental Council**  
**Islamabad**

**FORMAT OF EXAMINATION (Dental)**

**Dental**

**Theory Paper-I**      SEQ's

**Subject**

**Questions**

**Oral & Maxillofacial Surgery**

Exodontia , Impaction	1
Sterilization & cross infection	1
Pre prosthetic, Orthognthic Surgery	1
Cyst, Trauma , Infection	1
Local Anesthesia	1
Tumors	1
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	06

**Orthodontics & Radiology**

Development of Mandible, Maxilla, Base of Skull	1
Classification of Malocclusion	1
Etiology of Malocclusion	1
Treatment Removable Orthodontics	1
Treatment fixed Orthodontics	1
Radiology	1
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	06

**Prosthodontics**

Complete Dentures	2
Partial Dentures	1
Overdentures, Immediate Dentures, Precision Attachment	1
Implantlogy	
Maxillofacial Prosthetics	1
Crown & Bridge	2
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	07

### Operative & Community Dentistry.

Operative Dentistry  
Endodontics including surgical Endodontics  
Paedodontics  
Community Dentistry  
Periodontology

2  
1  
1  
1  
1

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06

Total questions:

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25

Marks:

125

### **Theory Paper-II**

MCQ's

(Time 3 hrs)

#### **Subjects**

#### **Questions**

General Anatomy  
Physiology  
Biochemistry  
Pharmacology  
Science of Dental Materials  
Oral Biology  
General Pathology  
Behaviour Sciences  
Oral Pathology  
General Medicine  
General Surgery  
Periodontology  
Oral Medicine  
Prosthodontics  
Removable fixed Prosthodontics  
Operative Dentistry  
Orthodontics & Radiology  
Oral & Maxillofacial Surgery  
Community/Preventive Dentistry  
Paedodontics

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Total questions:

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150

Marks

150

Total Marks(Paper I & II)

125+150=275

Result shall be based on percentile system