

# **Format (Practical Examination / OSPE)**

## **MBBS First Professional Examination (Part-I)**

### **BIOCHEMISTRY (PART-I)**

**Total Marks: 75**

Total marks allocated to Oral and Practical Examination are 75

**Internal Assessment: 7.5 Marks**

**General Viva (Theory Viva): 30 Marks**

15 Marks are allocated to internal examiner and 15 marks to external examiner.

**Practical Examination: 37.5 Marks**

**Practical examination comprises three components i.e. Yearly Workbook, OSPE and Experiment.**

**A- Yearly Workbook : 3.5 Marks**

**B- OSPE : 18 marks**

OSPE comprises 8 stations (two observed stations carrying 3 marks each and 6 non-observed stations 2 marks each).

**Observed Stations (3 minutes for each station)**

- i. Tests for carbohydrates and proteins/amino acids: 1 station
- ii. Test for normal constituents and abnormal constituents of urine: 1 station

**Non-Observed Stations (3 minutes for each station)**

- i. Carbohydrate chemistry, biologic significance of carbohydrates and clinical implications of carbohydrates: 1 station
- ii. Chemistry of proteins & amino acids, plasma proteins, and clinical implications of proteins: 1 station
- iii. Chemistry of lipids, biologic significance of lipids, and clinical implications of lipids and lipoproteins: 1 station
- iv. Interpretation of normal and abnormal constituents of urine: 1 station
- v. Laboratory equipment/techniques (pH meter and laboratory glassware): 1 station
- vi. Preparation of solutions: 1 station

**C- Experiment: 16 marks**

- Principle/supposed calculations of the experiment: 4 Marks
- Performance of experiment and viva voce pertaining to experiment: 12 Marks  
(6 marks reserved for internal examiner and 6 marks for external examiner)