

# Format (Practical Examination / OSPE)

## MBBS First Professional Examination (Part-I)

### *PHYSIOLOGY (PART-I)*

<u>COMPONENT</u>	<u>MARKS</u>
-OSPE	30
<p>Practical Examination will consists of OSPE having 13 stations related to Practicals, <b>11 non observed stations</b> of two marks each, and <b>02 observed stations</b> of four marks each.</p>	
<b>Non-observed Stations</b>	2 minutes at each station.
<b>Observed Stations</b>	4 minutes at each station
-PRACTICAL (01 Practical) Performance and Viva Voce related to Practical	20 (5+5)10 + 10 (5+5) (External + Internal)
-PROCEDURE WRITING of the Practical	05 (Internal)
-STRUCTURED VIVA VOCE (Related to the Curriculum)	30 15 + 15 (External + Internal)
-YEARLY WORK BOOK	05 (External)
-CONTINUOUS INTERNAL ASSESSMENT	10
<b>TOTAL</b>	<hr/> <b>100</b>

**PHYSIOLOGY**  
**LIST OF 1<sup>ST</sup> YEAR PRACTICALS**

- 1- Study of compound microscope.
- 2- Estimation of Haemoglobin.
- 3- Determination of erythrocyte sedimentation rate (ESR).
- 4- Study of improved neubauer slide.
- 5- Determination of red blood cell count.
- 6- Red cell indices and Haematocrit.
- 7- Determination of white blood cell count.
- 8- Determination of platelet count.
- 9- Differential leucocytes count (DLC) preparation of slide and focusing.
- 10- Differential leucocytes count (DLC) Slide-Focus-Counting.
- 11- Detection of bleeding time (BT) and Clotting time (CT).
- 12- Detection of blood groups (both ABO and RH).
- 13- R.B.C Fragility.
- 14- Detection of lung volumes and capacities (spirometry).
- 15- Clinical examination of chest.
- 16- Cardio pulmonary resuscitation (CPR).
- 17- Recording of chest movement by stethography.
- 18- Measurement of blood pressure at rest.
- 19- Effect of exercise and posture on blood pressure.
- 20- Examination of arterial pulse Jugular Venous Pulse (JVP).
- 21- Electrocardiography (recording of ECG).
- 22- Study of Hear sounds.
- 23- Active and reactive hypermemia.
- 24- Triple response.