# First Year MBBS

Physiology I

# Summer 2016

1. **Section B: SAQ (6 x 4 = 24)**

**Short answer questions (Any six out of seven):**

1. Describe stages of circulatory shock.
2. Describe the oxy haemoglobin dissociation curve in detail.
3. Describe functions of Insulin.
4. Describe Heat stroke.
5. Describe functions of bile salt.
6. Describe connections of unipolar & bipolar limb leads while regarding ECG.
7. Compare & contrast: Diabetes mellitus with Diabetes Insipidus.
8. **Section C: (LAQ) (2 x 8 = 16)**

**Long answer question (Any two out of three):**

1. Describe neural regulation of respiration. Add a note on Periodic Breathing.
2. Describe regulation of secretion, mechanism of action & functions of Glucocorticoides. Add a note on effects of their deficiency.
3. Describe the process of Deglutition. Add a note on Achalasia Cardia.