# First Year MBBS

Physiology I

# May/June 2015

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

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

1. What are the methods of contraception? Give physiological basis of oral contraception.
2. Explain functions and regulations of parathyroid hormone.
3. Describe Barorecpetors reflex mechanism.
4. Draw O2 – Hb dissociation curve and explain factors affecting it.
5. Explain events occurring during ventricular diastole.
6. What is peptic ulcer? Give its ethiology. Give the physiological basis its treatment.
7. Describe regulation of gastric emptying.
8. **Section C: (LAQ) (2 x 8 = 16)**

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

1. Describe physiological anatomy, factors affecting and special features of coronary circulation. Add a note on Angina Pectoris.
2. Describe hormonal regulation of Growth. Add a note on Dwarfism.
3. What is Lung Compliance? Explain factors affecting Lung Compliance.