# First Year MBBS

Physiology I

# Summer 2017

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

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

1. Describe peripheral chemoreceptor system for control of Respiratory activity.
2. Describe hypovolemic shock.
3. Describe regulation of Biliary secretion.
4. Explain functions and regulation of oxytocin.
5. Describe hormonal regulation of menstrual cycles.
6. Explain mechanism of heat gain in body.
7. What is myocardial infarction? Enumerate any two E.C.G. changes of infarction.
8. **Section C: (LAQ) (2 x 8 = 16)**

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

1. Define cardiac output. Describe factors affecting cardiac output.
2. Describe the transport of oxygen in blood, with special reference to oxygen dissociation curve.
3. Describe functions and regulations of secretion of Glucocorticoids. Add a note on Cushings syndrome.