# First Year MBBS

Physiology II

# Summer 2017

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

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

1. Describe the functions of cerebellum. Enlist cerebellar function tests.
2. Describe mechanism of coagulation.
3. Draw a well labelled diagram of juxta glomerular apparatus of kidney. Enumerate its functions.
4. Describe the changes during accommodation reflex. Draw a neat well labelled diagram of accommodation pathway.
5. Role of hypothalamus in temperature regulation.
6. Enumerate causes of conduction deafness. Describe various tests for it.
7. What is osmotic pressure? What are the factors affecting it?
8. **Section C: (LAQ) (2 x 8 = 16)**

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

1. Describe the structure of muscle spindle. Explain its role in maintenance of muscle tone.
2. Describe the visual pathway. Explain the effects of lesions at different levels.
3. Define anaemia. Give its classification and describe in detail nutritional anaemia.