

**PARUL UNIVERSITY**  
**FACULTY OF AYURVED**  
**M.D/M.S. (Ayurved), July - 2018 Examination**

**Year: Final Year****Date: 16/07/2018****Subject Code: 02203204****Time: 10:00am to 1:00pm****Subject Name: Kriya Sharir - Modern Physiology and  
its Applied Aspect - Paper 4****Total Marks: 100**

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**Instructions:**

1. Attempt all questions from each section.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Write separate sections on separate answer sheets.

**SECTION – A (50 Marks)**

**Q.1 Compulsory** **(20)**

Explains Physiology & Applied Aspect Of Thyroid Gland.

**Q.2 Compulsory** **(20)**

Explains Physiology of Immunity with Hypersensitivity.

**Q.3 Attempt any Two. (Each of 5 marks)** **(10)**

- a. Explain Heart sounds with applied aspect.
- b. Explain physiology of Autonomous Nervous System.
- c. Explain Phases of Menstrual cycle in detail.

**SECTION – B (50 Marks)**

**Q.1 Compulsory** **(20)**

Explain functions of Hemopoetic system in detail.

**Q.2 Compulsory** **(20)**

Explain Physiology Of Urinary system with renal function tests.

**Q.3 Attempt Any Two. (Each of 5 Marks)** **(10)**

- a. Explain recent advances in stem cell research.
- b. Write Physiological basis of Blood group along with Principal of blood transfusion.
- c. Explain Neural and Chemical Control of Respiration.