

**PARUL UNIVERSITY**  
**PARUL INSTITUTE OF AYURVED**  
**M.D/M.S.- Ayurved, Final Yr Preliminary Exam(Aug-2020)**

**YEAR: 3**

**Date:14/08/2020**

**Subject Code: 02203204**

**Time: 09.30-1.30pm**

**Subject Name: KS-IV (Modern Physiology and its applied aspect)Total Marks: 100**

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1. Attempt all questions from each section.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.

**SECTION – A (50 Marks)**

**Q.1 Compulsory (20)**

Explain Physiology of Spinal Cord.

**Q.2 Compulsory (20)**

Explain Endocrine Functions of Pancreas.

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

- a. Explain Cellular Immunity.
- b. Explain Physiology of Lactation.
- c. Explain stages of Spermatogenesis with Properties Semen.

**SECTION – B (50 Marks)**

**Q.1 Compulsory (20)**

Explain High Altitude and Space Physiology.

**Q.2 Compulsory (20)**

Explain Physiology of Arterial Blood Pressure with applied Aspect.

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

- a. Explain – Pulmonary Function Tests
- b. Explain Anemia.
- c. Explain recent advances in stem cell Research.