Rajiv Gandhi University of Health Sciences

Final Year M.D. / M.S. Ayurveda Degree Examination - APRIL-2019

Time: Three Hours   Max. Marks: 100 Marks

KRIYA SHAREERA - PAPER-IV
MODERN PHYSIOLOGY AND ITS APPLIED ASPECT
(Revised Scheme-3)
Q.P. CODE: 3528

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAY   **2 X 20 = 40 Marks**

1. Describe Immunity on following points Definition and classification of immunity. Mechanisms involved in humoral and cell mediated immunity.

2. Describe the Haemopoetic system on following points. Functions of Haemopoetic system, Composition and functions of blood and blood cells. Explain in detail the stages and development of RBCs, WBCs and platelets.

SHORT ESSAY   **6 X 10 = 60 Marks**

3. Explain the Mechanism of formation of urine.

4. Describe the Effects of secretions of Adrenal glands.

5. Explain the Physiological basis of ECG.

6. Describe Systemic arterial blood pressure and its control.

7. Explain the Hormonal regulation of uterine and ovarian cycles.

8. Write in detail-Functions of Cerebrum.

* * * * *