# Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharm-D Degree Examination – NOVEMBER 2015

#### **Time: Three Hours**

## PATHOPHYSIOLOGY

## Q.P. CODE: 2856

Your answers should be specific to the questions asked Draw neat labeled diagrams wherever necessary

#### LONG ESSAYS (Answer Any Two)

- 1. Define Hypertension. Explain pathogenesis of Hypertension in detail.
- 2. Explain Healing of skin wound & discuss the factors influencing healing of wounds.
- 3. Explain Histocompatibility molecules? Describe mechanism of rejection of allograft.

#### SHORT ESSAYS (Answer Any Six)

- 4. Describe Anaphylactic shock.
- 5. Explain pathogenesis of Type-II Diabetes Mellitus.
- 6. Explain Pathophysiology of Parkinsonism.
- 7. Pathophysiology of CHF.
- 8. Biological effects of radiation.
- 9. Classify the different types of Tumors.
- 10. Give a detailed note on B lymphocytes.
- 11. Types & pathogenesis of Amyloidosis.

#### SHORT ANSWERS

- 12. Causes and symptoms of Amoebic dysentery.
- 13. Causes and symptoms of Marasmus disease.
- 14. Define Immune tolerance.
- 15. Causative agents for Syphilis.
- 16. Define Isograft & Autograft.
- 17. Define Systemic Lupus Erythematosis.
- 18. Causes and symptoms of Protein Calorie Malnutrition.
- 19. Causes of renal failure.
- 20. Functions of LDL, VLDL.
- 21. Types of Necrosis.

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#### 10 x 2 = 20 Marks

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6 x 5 = 30 Marks

Max. Marks: 70 Marks