

Jaypee University of Information Technology, Waknaghat
Final Test
Summer Semester-June 2016
B.Pharm 5th Sem

Course Code: 10B11PY515
Course Name: Pathophysiology
Course Credits: 4

Max. Marks: 50
Max. Time: 2hrs

Note: All questions are compulsory

1. What are the major types of changes seen in heart valves? Briefly explain mitral valve prolapsed and diagnosis of valvular disease. (8Marks)
2. What is polydipsia, polyphagia and polyuria? Why do the three “polys” occur? What are its complications? (8Marks)
3. Name few diseases related to cardio vascular system and explain the pathophysiology of hypertension. (8Marks)
4. What is amyloid plaque? Explain how presenillins are involved in the pathogenesis of Alzheimer’s disease. (8Marks)
5. Explain how pathogens and its components induce phagocytosis and synthesis of inflammatory cytokines. (8Marks)
6. a) Write a detailed note on major histocompatibility complex I&II. (5Marks)
b) What is constrictive carditis? Briefly explain pericardial disorders. (5Marks)