

Code No: PH201

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****Pharm.D II Year Supplementary Examinations, October - 2019****PATHOPHYSIOLOGY****Time: 3hours****Max.Marks:70****Answer any five questions****All questions carry equal marks**

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1. Explain the process of repair of wounds in the skin. Mention the factors that influence the healing of wounds. [14]
2. Define hypersensitivity. List out the types of hypersensitivity. Discuss any two types in detail. [14]
3. Define the term auto immunity and explain the mechanism of autoimmunity. Classify autoimmune disease and explain in detail about pathophysiology of any three auto immune disease. [14]
4. Explain briefly about the following Infectious diseases: Tuberculosis, Leprosy, Malaria Dysentery (bacterial and amoebic) and Gonorrhea. [14]
5. Define tumor. Give the classification of tumors and general biology of tumors. Explain pathogenesis of cancer and spread of malignant tumors. [14]
6. Discuss briefly about the following:  
a) Pathophysiology of Stroke.  
b) Angina.  
c) Anaphylaxis. [14]
7. Elaborate on:  
a) Protein Calorie Malnutrition.  
b) Types of Asthma.  
c) Pathogenesis of Ischemic Stroke.  
d) Complications of Diabetes Mellitus. [14]
8. Write short notes on:  
a) Pneumonia.  
b) Biological effects of radiation.  
c) Pathogenesis of Asthma.  
d) Syphilis and Schizophrenia. [14]

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