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Total Number of Pages: 02

**B.Pharma**  
**15PH305**
**3<sup>rd</sup> Semester Regular/Back Examination 2017-18**
**PATHOPHYSIOLOGY OF COMMON DISEASES**
**BRANCH : B.Pharma**
**Time: 3 Hours**
**Max Marks: 100**
**Q.CODE: B1131**

**Answer Question No.1 and 2 which are compulsory and any four from the rest.**  
**The figures in the right hand margin indicate marks.**

**Q1 Answer the following questions: (2x10)**

- Programmed and coordinated cell death is also called as \_\_\_\_\_.
- Normal range of blood pressure of human is \_\_\_\_\_.
- Myocardial infarction is also called as \_\_\_\_\_.
- Haemoglobin value of a normal adult is \_\_\_\_\_.
- Histamine is mainly released from \_\_\_\_\_ cell.
- Hepatitis B virus is mainly transmitted through \_\_\_\_\_.
- Ulcerative colitis occurs in \_\_\_\_\_ part of GIT.
- Continues Epilepsy lasting for more than 30 minute is called as \_\_\_\_\_.
- Mantoux test is performed for diagnosis of \_\_\_\_\_ disease.
- \_\_\_\_\_ is causative organism of urinary tract infection.

**Q2 Answer the following questions: (2x10)**

- What is hyperplasia? Give an example of it.
- Define autolysis and necrosis.
- What is triple response in inflammation?
- Define primary hypertension and secondary hypertension.
- What is megaloblastic anaemia?
- Write the mode of infection of tuberculosis?
- Define the term renal failure?
- Name some examples of Sexual Transmitted Diseases.
- What are the causes of peptic ulcer?
- Define gout and its symptoms.

**Q3 a) Describe in detail about pathogenesis of reversible cell injury (10)**
**b) Give a short note on cellular adaptations. (5)**
**Q4 a) Describe the vascular events of acute inflammation. (10)**
**b) Give a short note on inflammatory mediators. (5)**
**Q5 a) Describe the pathogenesis, sign and symptoms and complications of congestive Heart Failure. (10)**
**b) Write a short note on angina. (5)**

- Q6** a) Describe in detail the etiology, pathogenesis, sign and symptoms of Rheumatoid arthritis. (10)  
b) Write briefly about depression and mania. (5)
- Q7** a) Give a detail note of etiology, pathogenesis, sign and symptoms, complications of diabetes mellitus. (10)  
b) Write a short note on asthma (5)
- Q8** a) Describe about pathogenesis, symptoms and diagnosis of jaundice. (10)  
b) Write briefly on pathogenesis of atherosclerosis. (5)
- Q9** a) Describe about various types of anaemia and its symptoms (10)  
b) Write the mode of transmission, pathogenesis and symptoms of AIDS. (5)