

UG Odd Semester (CBCS) Exam., December—2016

PHARMACEUTICAL SCIENCE

(3rd Semester)

Course No. : BPH-307 (C)

(Pathophysiology of Common Diseases)

Full Marks : 75

Pass Marks : 30

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

Answer **five** questions, selecting **one** from each Unit

UNIT—I

1. Discuss the causes and morphology of cellular injury. Write down the mechanism of hypertrophy. 10+5=15
2. Discuss the events occur during cell adaptations. Write down the difference between reversible and irreversible cell injury. 8+7=15

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(Turn Over)

UNIT—II

3. Describe the process of alteration in vascular permeability and blood flow involved in the process of inflammation. 15
4. Describe the events occur and morphology of regeneration and scar formation. 15

UNIT—III

5. Explain in brief about the pathogenesis of rheumatoid arthritis. Write a short note on the pathophysiology of gout. 9+6=15
6. Explain the pathogenesis of depression and mania. Write down the symptoms of bipolar disorder. 10+5=15

UNIT—IV

7. Write down the etiology of peptic ulcer. Discuss the pathogenesis of peptic ulcer with their symptoms. 9+6=15
8. What is arteriosclerosis? Write down the causes, prevention and treatment of arteriosclerosis. 2+13=15

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(Continued)

(3)

UNIT—V

9. (a) Discuss about the causes, pathogenesis and treatment of tuberculosis. 10
(b) What are different types of anaemia? 5
10. Write short notes on the following : 7+8=15
(a) UTI
(b) Pathogenesis of leukemia

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