

PY-406**B.Pharm., IV Semester**

Examination, June 2017

Choice Based Credit System (CBCS)**Patho-Physiology***Time : Three Hours**Maximum Marks : 60*

- Note:* i) Attempt any five questions.
ii) All questions carry equal marks.

1. What is Homeostasis? Describe in detail various causes of cellular injury. Give an account on mitochondrial damage.
2. What is inflammation? Giving inflammation types explain in detail the mechanism of inflammation.
3. Describe in detail the basic principles of wound healing in the skin.
4. What is atherosclerosis? Describe in detail the pathophysiology of hypertension.
5. What is Asthma? Explain in detail the pathophysiology of chronic obstructive airways.
6. What is Parkinson's disease? Explain in detail the pathophysiology of Alzheimer's disease.

7. What is Osteoporosis? Explain in detail the pathophysiology of Rheumatoid Arthritis.

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8. Write exhaustive notes on any two of the following:
 - a) Pathophysiology of AIDS
 - b) Pathogenesis of Cancer
 - c) Urinary tract infections

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