

Code: 9R01305

R09

B.Pharm II Year I Semester (R09) Supplementary Examinations November 2017

**ANATOMY, PHYSIOLOGY & PATHOPHYSIOLOGY**

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions  
All questions carry equal marks

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- 1 (a) Explain specialized functions of the brain.  
(b) Explain the physiology of autonomic nervous system.
- 2 (a) Describe the various parts, structures and functions of the kidney.  
(b) Write a note on acute and chronic renal failure.
- 3 (a) Describe female reproductive system.  
(b) Write a note on sex differentiation.
- 4 (a) Describe the structure and function of ear.  
(b) Describe the structure and functioning of skin.
- 5 (a) Describe the anatomy of adrenal & pancreas.  
(b) Write a note on the hormones and functions of testes and ovary.
- 6 Write a detailed note on acute and chronic inflammation.
- 7 (a) Explain the metastases and patterns spread of cancer.  
(b) Explain the histological diagnosis of malignancy.
- 8 (a) Explain the pathophysiology of tuberculosis.  
(b) Explain the pathophysiology of diabetics.

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