

Code: 9R01104

B.Pharm I Year (R09) Supplementary Examinations June 2018

**ANATOMY PHYSIOLOGY & HEALTH EDUCATION**

(For 2009 (LC), 2010, 2011, 2012 regular &amp; 2011 (LC), 2012, 2013 lateral admitted batches only)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions  
All questions carry equal marks

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- 1 (a) What are the functions of cell and its components?  
(b) Draw a neat labeled diagram of nervous tissue.
- 2 (a) Draw a neat labeled diagram of skull.  
(b) Describe the physiological functions of muscle contractions.
- 3 Write a note on:  
(a) 'ABO' system.  
(b) Circulation and functions of Lymphatic system.
- 4 (a) Draw a anatomical structure of 'heart'  
(b) What is meant by cardiac cycle? Write a note on: Pulmonary circulation.
- 5 (a) Draw a neat labeled diagram of digestive system.  
(b) Add a note on functions of liver and its disorder.
- 6 (a) Draw a neat labeled diagram of respiratory system.  
(b) Write a note on 'Mechanism and regulation of respiratory system'.
- 7 (a) What is mean by family planning? Discuss about the permanent family planning for male.  
(b) What are the precautions and emergency first aid for 'Burns'?
- 8 (a) What is meant by communicable disease? Discuss about the mode of transmission and prevention of 'chicken pox'.  
(b) Explain the mode of transmission of malaria and discuss about the malaria parasite cycle.

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