

**I B.Pharmacy II Semester Supplementary Examinations, Feb/Mar 2014**  
**ANATOMY, PHYSIOLOGY & HEALTH EDUCATION-II**

**Time: 3 hours**

**Max Marks: 75**

**Answer any FIVE Questions**  
**All Questions carry equal marks**

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1. (a) Write about the formation and circulation of lymph.  
(b) Explain in detail about any 3 disorders of lymphatic system. [9+6]
2. Write in detail about haemolytic disease of new born in relation to blood groups.  
Explain about importance of blood groups. [15]
3. Explain in detail about different stages of cardiac cycle and a note on ECG [10+5]
4. What is Blood pressure? Explain in detail about blood pressure regulation. Add a note on its direct and indirect measurements. [15]
5. Describe the composition & functions of
  - (a) Bile
  - (b) Gastric juice
  - (c) Salivary juice
  - (d) Intestinal juice [4+4+3+4]
6. (a) Identify the organs of the digestive system  
(b) Describe the basic process performed by digestive system [8+7]
7. (a) List the disorders of the anterior pituitary  
(b) List the causes of diabetes insipidus [10+5]
8. (a) Describe the location, histology, hormones & functions of the anterior and posterior pituitary  
(b) In what respect the pituitary gland is called "master gland of endocrine system" [9+6]

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