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Total Number of Pages: 02

B.Pharm
PH.2.3**2nd Semester Back Examination 2015-16****HUMAN ANATOMY & PHYSIOLOGY-II****BRANCH: Pharmacy****Time: 3 Hours****Max Marks: 70****Q.CODE: W478****Answer Question No.1 which is compulsory and any five from the rest.****The figures in the right hand margin indicate marks.****Q1** Write briefly the followings : **(2 x 10)**

- a) Gastric Juice
- b) Tidal volume and vital capacity
- c) Chloride shift
- d) Ultra-filtration
- e) Middle ear cavity
- f) Write about human Uterus.
- g) Write about the human pancreas.
- h) Cerebellum
- i) Liver
- j) Parathyroid gland

Q2 What is ANS? Classify ANS on the basis of chemical point of view. Draw and describe the anatomical disposition of Parasympathetic nervous system. **(10)****Q3** Describe the human digestive system with a neat and labeled diagram. Write a note on digestion of food in small intestine. **(10)****Q4** Describe the various part of urinary tract system with a neat and labeled diagram. Briefly mention about urinary tract infection. **(10)****Q5** What is menstruation? What are the various stages of menstrual cycle? **(10)****Q6** Describe the CNS. Briefly mention about the sensory and motor cortex and cerebellum and their function. **(10)**

Q7 Draw and describe the anatomical structure of human eye. Write a brief note on commonest types of refractory errors of the eye. **(10)**

Q8 Answer any two of the following : **(5 x 2)**

- a) Oogenesis
- b) Spermatogenesis
- c) Pregnancy and its maintenance.
- d) Answer any two of the following :