

Registration No:

--	--	--	--	--	--	--	--	--	--

Total Number of Pages: 01

**B.Pharm.
PH1.3**

1st Semester Back Examination 2017-18

HAP-I

BRANCH : B.Pharma

Time: 3 Hours

Max Marks: 70

Q.CODE: B830

**Answer Question No.1 which is compulsory and any five from the rest.
The figures in the right hand margin indicate marks.**

- Q1 Answer the following questions : (2 x 10)**
- a) What is the different type of Muscular tissue
 - b) Define the composition of Lymph.
 - c) Write the function of Plasma membrane.
 - d) Which blood group is known as Universal Donor.
 - e) Mention the functions of WBC
 - f) What is Passive Diffusion
 - g) What is Osteoporosis
 - h) Different between myelinated and non-myelinated nerve fibre.
 - i) What is Neuro Muscular Junction?
 - j) What is the function of Mitochondria
- Q2 Write the composition and Function of Blood. (10)**
- Q3 Define and Classify Joints. Write details about Synovial joint. (10)**
- Q4 a) Discuss the structure and function of Human cell with labelled Diagram. (5)**
b) Mention briefly about Mitochondria and ribosome. (5)
- Q5 a) Describe Human heart with a labelled diagram. (5)**
b) Write in detail about Cardiac cycle. (5)
- Q6 Write short notes on : (5)**
- a) Epithelial tissue (5)
 - b) Blood Group (5)
- Q7 a) Discuss the structure and function of Spleen. (7)**
b) Write a note on Disorder of Spleen (3)
- Q8 Write short answer on : (5 x 2)**
- a) Bones of Vertebral Column
 - b) Anaemia