

August 2011**[KZ 6253]****Sub. Code : 6253****BACHELOR OF PHYSIOTHERAPY EXAMINATION****FIRST YEAR****Paper III – PHYSIOLOGY AND APPLIED PHYSIOLOGY****Q.P. Code : 746253****Time : Three hours****Maximum : 100 marks****ANSWER ALL QUESTIONS****I. LONG ESSAYS****(2X20=40)**

1. Describe the transport of carbon-di-oxide in the blood.
2. Name the various endocrine glands in the body and describe growth hormone and applied physiology.

II. SHORT NOTES**(8X5=40)**

1. Endoplasmic Reticulum.
2. Functions of liver.
3. Neuromuscular junction.
4. Functions of pancreas.
5. Hormones of Adrenal Gland.
6. Functions of Leucocytes.
7. Heart sounds.
8. Neuralgia.

III. SHORT ANSWERS**(10X2=20)**

1. Define Homeostasis.
2. Define Erythrocyte sedimentation rate.
3. Define Glomerular Filtration Rate.
4. Types of muscles.
5. Define Ovulation.
6. Types of bone cells.
7. Define tidal volume.
8. Glands of the skin.
9. Composition of the blood.
10. Properties of Platelets.
