

Time: 3 Hours

www.FirstRanker.com

Regyth FirstRanker.com

Total Marks: 50

First Professional MBBS Degree Examinations July 2017

PHYSIOLOGY – Paper II

 Answer all questions Draw Diagrams wherever necessary 	
Long essay	(10)
 A 50 years old person complaints of increased appetite, increased thirst and in frequency of urination. The blood glucose was found to be 180 mg/dl. Answer following questions based on your knowledge in physiology : What is your probable diagnosis. Which hormone is affected. What are the physiological effects of this hormone in the body Enumerate the other hormones involved in the regulation of blood glucose(r the
Short essays	(2x5 =10)
 Describe the regulation of body temperature during hot climate. Describe the regulation of secretion of cortisol and its physiological role 	
Answer briefly	(5x3=15)
 Action of ADH Types of EEG wave forms Near response in normal eye Pituitary dwarfism Role of hypothalamus in feeding behavior 	
Draw and label	(2x2½=5)
9. Muscle spindle 10.Neuromuscular junction in skeletal muscle	
Explain the physiological basis of the following	(5x2=10)
 11. Re-polarization phase of action potential 12. Cogwheel rigidity 13. Starling's law of muscle contraction 14. Immunological test of pregnancy. 15. Milk ejection reflex. 	

www.FirstRanker.com
